

Whether your Through-Hole Technology applications require a Quick Disconnect Tab, an Insulation Displacement Connector, a Test Point Terminal, a Screw Terminal, a Receptacle, a Post, or a Multi-Layer Circuit Board Connector, we can fulfill your needs.

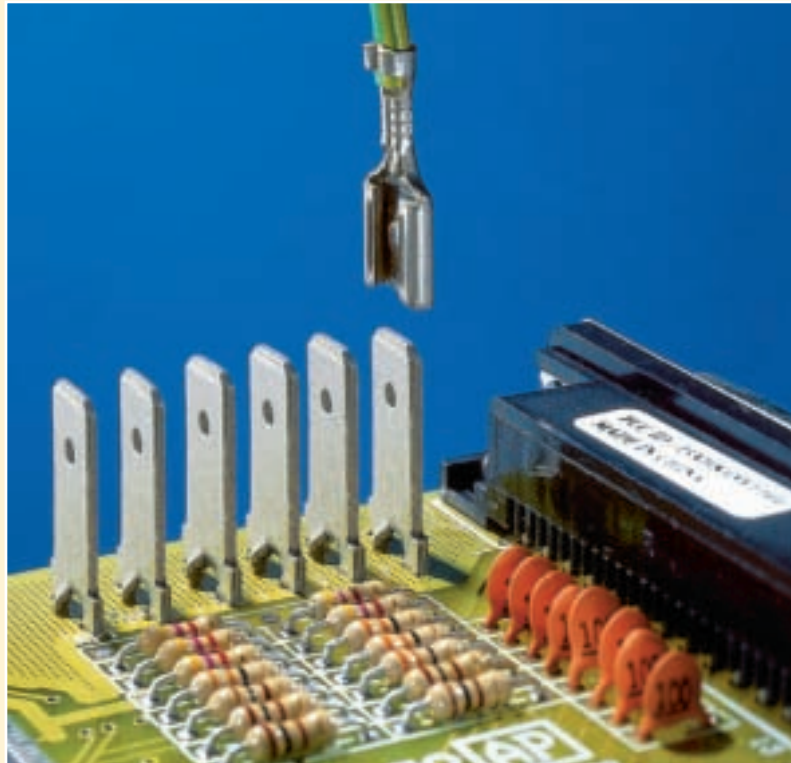
Zierick's unique features solve your most difficult interconnection problems: The **Accu-Lok™** retentive mounting feature, Zierick's **Torsion-Lok®** IDC, the **Stable-Lok®** feature which doubles terminal strength against deflection, the **Snap-In™** fuse clips' exclusive spring-load mounting technology,

and our **Accu-Pak™** receptacles are some of the reasons Zierick should be your choice for all your THT products.



**Features and Benefits**

- Zierick's **Stable-Lok**® and **Accu-Lok**™ mounting features improve the terminal retention of quick disconnect terminals to the PCB.
- The **Stable-Lok**® mounting option doubles terminal strength against fracture or mounting leg breakage.
- The **Stable-Lok**® concept shifts pivot points to outer mounting areas for a stabilizing resistive torque.
- Tabs/Quick Disconnects are available in vertical or horizontal configurations, in loose piece or reels.
- **Stable-Lok**® terminals are available in 0.187" (4.75mm), 0.205" (5.21mm), and 0.250" (6.35mm) application sizes.
- Assembly can be accomplished with Zierick hand tools or Zierick semi- and fully-automated applicators.
- **Accu-Lok**™ mounting is designed for hole diameter tolerances as great as ±0.004" (±0.10mm) for either **Accu-Lok**™ or splay mounting types. The terminal leg enters freely

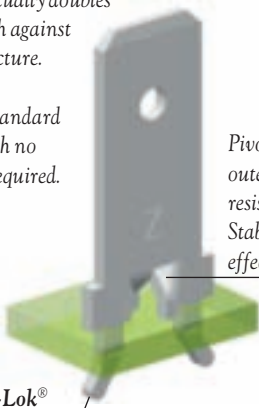


within the hole, with controlled splitting and forming of the leg. This eliminates stress and withstands repeated mating, withdrawal, and shock.

**Stable-Lok**® actually doubles terminal strength against deflection or fracture.

Easily replaces standard tab terminal, with no board redesign required.

**Stable-Lok**® minimizes leg breakage.

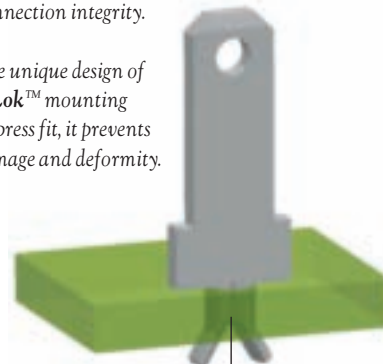


Pivot points are shifted to outer areas for a stabilizing resistive torque. Stabilizers are most effective when "domed."

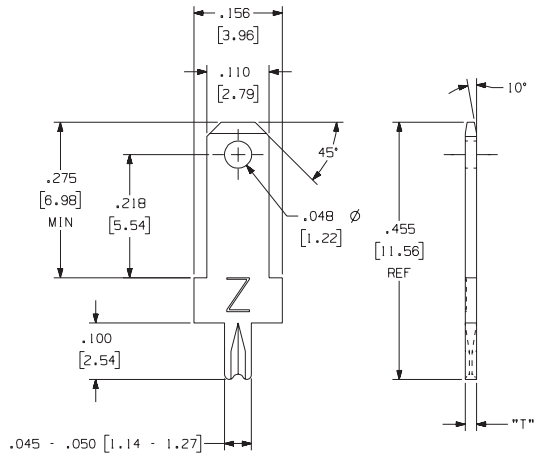
The **Accu-Lok**™ retentive mounting feature produces exceptional PCB assembly and interconnection integrity.

Since the unique design of **Accu-Lok**™ mounting is not a press fit, it prevents hole damage and deformity.

The PCB retention of **Accu-Lok**™ mounting is accomplished by a controlled splitting and forming of the terminal leg during insertion.

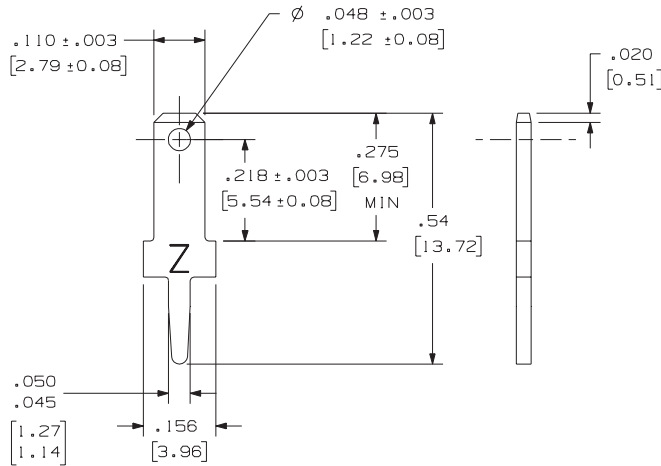


**Part Numbers 1063, 1064, 6063, 6064**



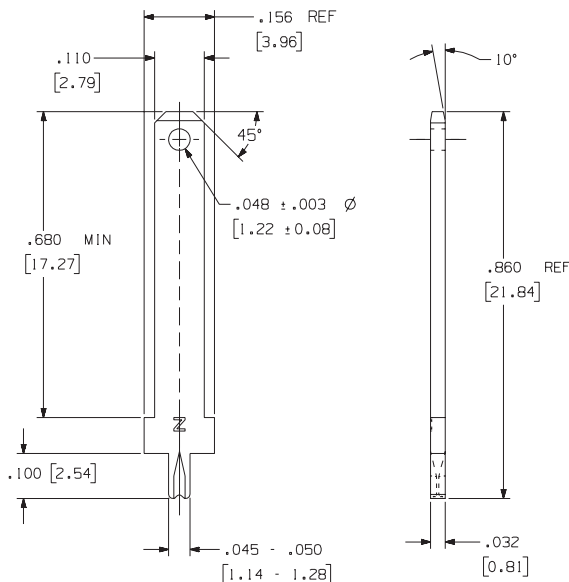
<b>Loose Part No.</b>	1063	1064
<b>Reeled Part No.</b>	6063	6064
<b>Mounting Type</b>	Splay	Splay
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper	
<b>Mounting Hole Diameter</b>	0.055" $\pm$ 0.003" (1.40mm $\pm$ 0.076mm)	0.061" $\pm$ 0.003" (1.55mm $\pm$ 0.076mm)
<b>Current Rating</b>	10 Amperes	
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY	

**Part Numbers 834, 835, 6834, 6835**



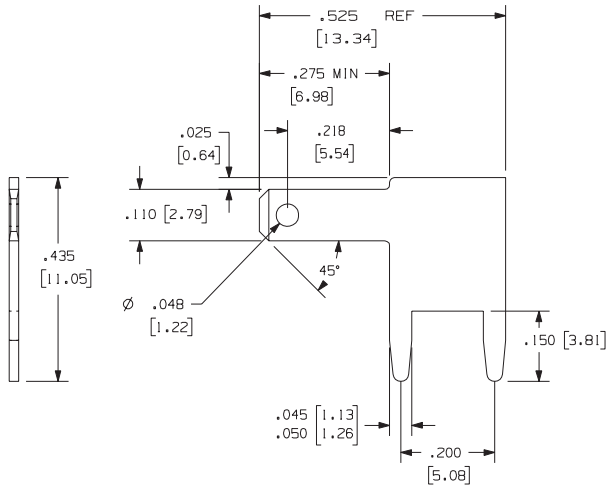
<b>Loose Part No.</b>	834	835
<b>Reeled Part No.</b>	6834	6835
<b>Mounting Type</b>	Press-Fit	Press-Fit
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper	
<b>Mounting Hole Diameter</b>	0.044" $\pm$ 0.003" (1.12mm $\pm$ 0.076mm)	0.050" $\pm$ 0.003" (1.27mm $\pm$ 0.076mm)
<b>Current Rating</b>	10 Amperes	
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY	

**Part Numbers 1201, 6201**



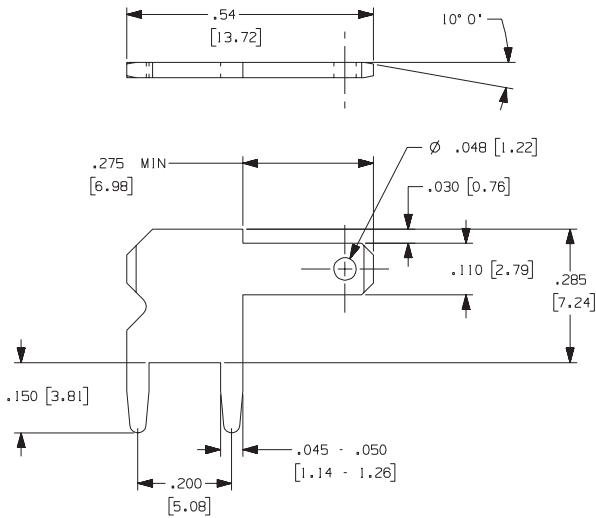
<b>Loose Part No.</b>	1201
<b>Reeled Part No.</b>	6201
<b>Mounting Type</b>	Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.055" $\pm$ 0.003" (1.40mm $\pm$ 0.076mm)
<b>Current Rating</b>	10 Amperes
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700 XY

## 46 0.110" (2.79mm) Tabs / Quick Disconnect Terminals



### Part Numbers 948, 949

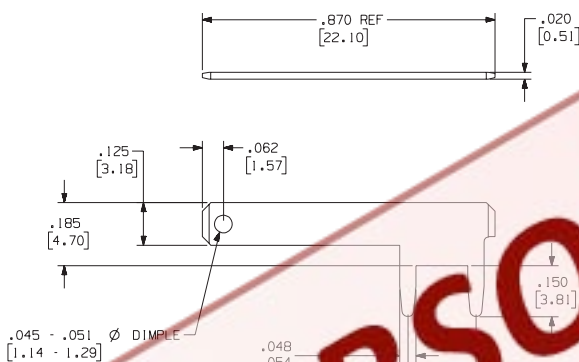
<b>Loose Part No.</b>	948	949
<b>Reeled Part No.</b>	N/A	N/A
<b>Mounting Type</b>	Outward or Inward Splay	
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass	0.020" (0.51mm) Brass
<b>Standard Finish</b>	100% Tin over Copper	
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076mm)	0.050" ±0.003" (1.27mm ±0.076mm)
<b>Current Rating</b>	20 Amperes	
<b>Applicator System</b>	ZPT92-110	



### Part Numbers 6948, 6949

<b>Loose Part No.</b>	N/A	N/A
<b>Reeled Part No.</b>	6948	6949
<b>Mounting Type</b>	Outward or Inward Splay	
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass	0.020" (0.51mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper	
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076mm)	0.050" ±0.003" (1.27mm ±0.076mm)
<b>Current Rating</b>	20 Amperes	
<b>Applicator System</b>	Model 9700, 9700 XY	

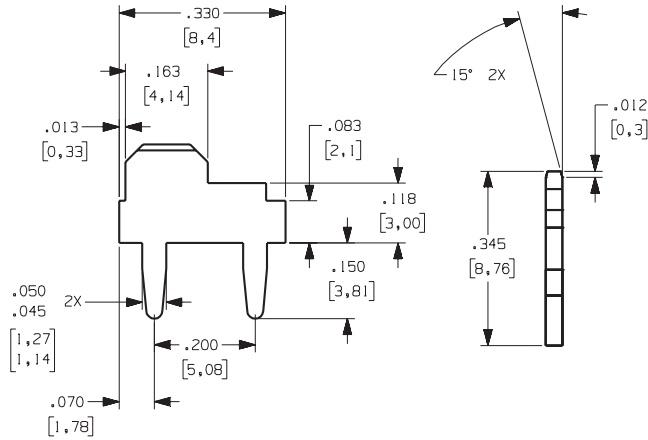
## 0.125" (3.18mm) Tabs / Quick Disconnect Terminals



### Part Number 6186

<b>Loose Part No.</b>	N/A
<b>Reeled Part No.</b>	6186
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.050" ±0.003" (1.27mm ±0.076mm)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	Model 9700, 9700 XY

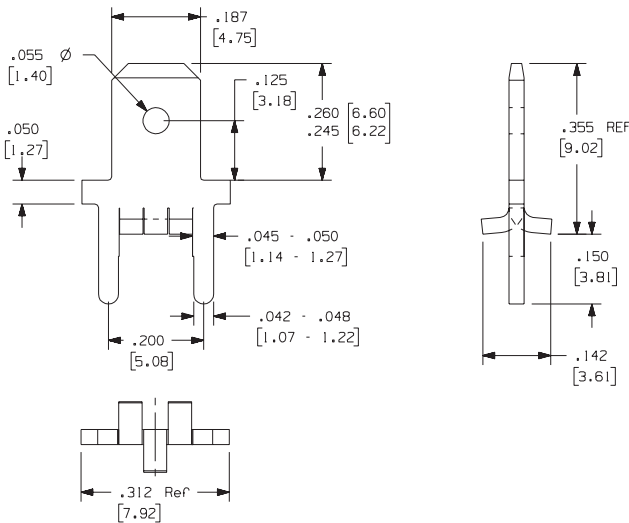
**Part Number 6267**



<b>Loose Part No.</b>	N/A
<b>Reeled Part No.</b>	6267
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076mm)
<b>Current Rating</b>	15 Amperes
<b>Applicator System</b>	Model 9700, 9700 XY

**0.187" (3.18mm) Tabs / Quick Disconnect Terminals**

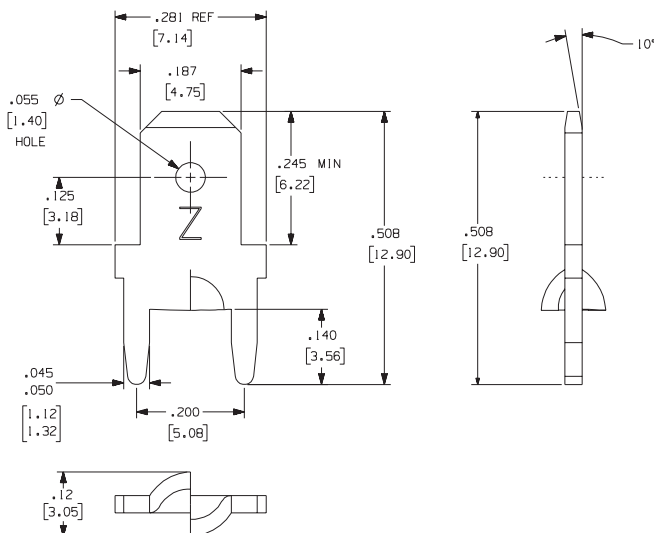
**Part Number 6291**



<b>Loose Part No.</b>	N/A
<b>Reeled Part No.</b>	6291
<b>Mounting Type</b>	Drop-In Fit
<b>Hole Dimension</b>	0.055" (1.408mm) hole
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 AMPS
<b>Feeder/Applicator System</b>	For SMT Applications: Surf-Shooter SMT™ Continuous Strip Feeder For THT Applications: Model 9700 Model 9700 XY

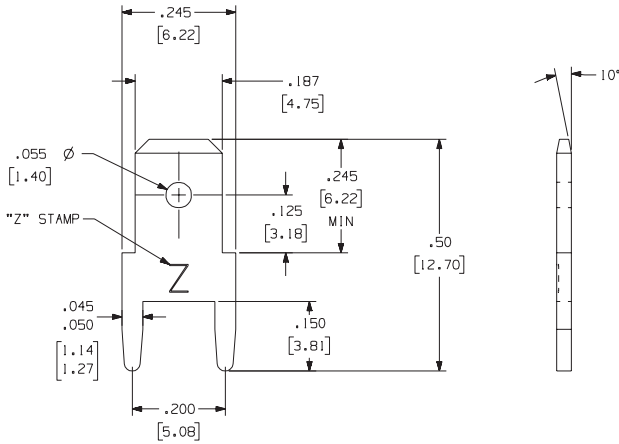
Zierick recommends .006" stencil thickness for most applications. For other stencil thicknesses, call Zierick's product development department.

**Part Numbers 1027, 1024, 6027, 6024**



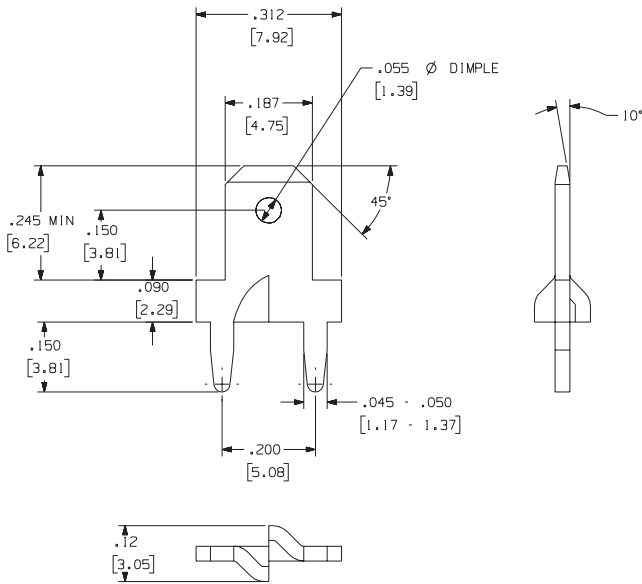
<b>Loose Part No.</b>	1027	1024
<b>Reeled Part No.</b>	6027	6024
<b>Mounting Type</b>	Outward or Inward Splay	
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper	
<b>Mounting Hole Diameter</b>	0.050" ±0.003" (1.27mm ±0.076mm)	0.058" ±0.003" (1.47mm ±0.076mm)
<b>Current Rating</b>	20 Amperes	
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY	

**Part Numbers 895, 894, 6895, 6894**



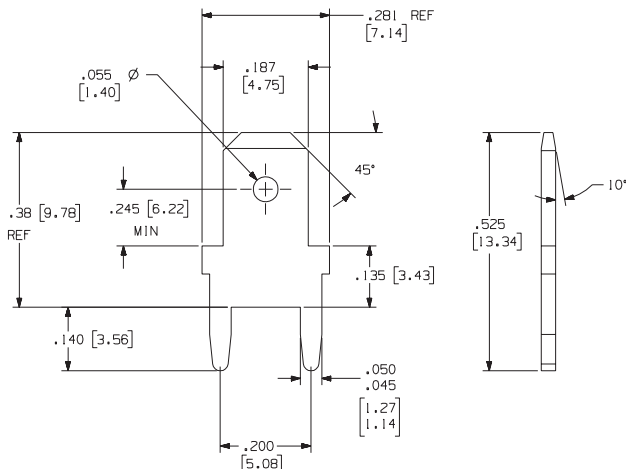
<b>Loose Part No.</b>	895	894
<b>Reeled Part No.</b>	6895	6894
<b>Mounting Type</b>	Outward or Inward Splay	
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper	
<b>Mounting Hole Diameter</b>	0.050" ±0.003" (1.27mm ±0.076mm)	0.058" ±0.003" (1.47mm ±0.076mm)
<b>Current Rating</b>	20 Amperes	
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY	

**Part Numbers 1282, 6282**

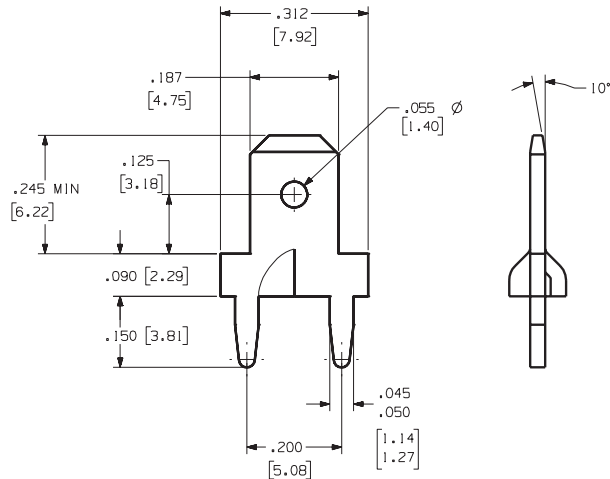


<b>Loose Part No.</b>	1282
<b>Reeled Part No.</b>	6282
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.050" ±0.003" (1.47mm ±0.076mm)
<b>Current Rating</b>	10 Amperes
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY

**Part Numbers 6134, 6142**

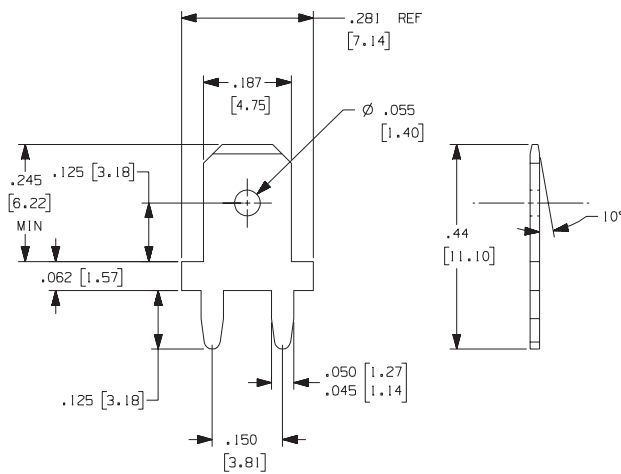


<b>Loose Part No.</b>	N/A	N/A
<b>Reeled Part No.</b>	6134	6142
<b>Mounting Type</b>	Outward or Inward Splay	
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass	0.032" (0.81mm) Brass
<b>Standard Finish</b>	100% Tin over Copper	
<b>Mounting Hole Diameter</b>	0.050" ±0.003" (1.27mm ±0.076mm)	0.058" ±0.003" (1.47mm ±0.076mm)
<b>Current Rating</b>	20 Amperes	
<b>Applicator System</b>	Reeled: Model 9700, 9700 XY	



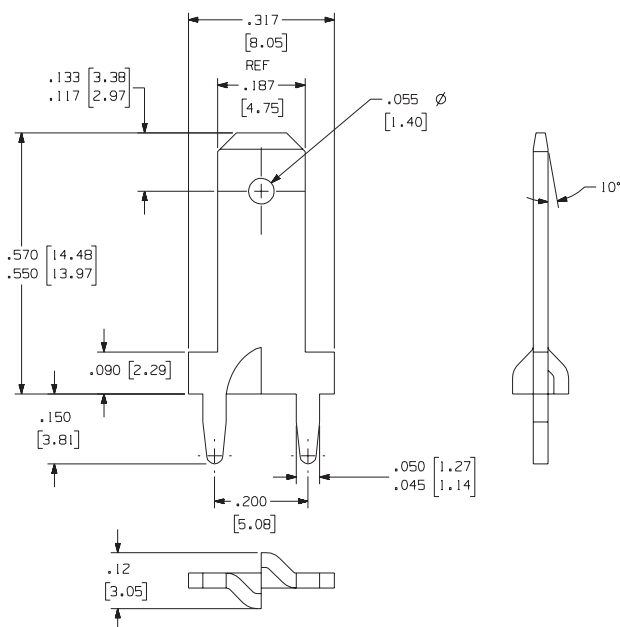
**Part Numbers 1141, 6140, 6141**

<b>Loose Part No.</b>	N/A	1141
<b>Reeled Part No.</b>	6140	6141
<b>Mounting Type</b>	Outward or Inward Splay	
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper	
<b>Mounting Hole Diameter</b>	0.050" ±0.003" (1.27mm ±0.076mm)	0.058" ±0.003" (1.47mm ±0.076mm)
<b>Current Rating</b>	20 Amperes	
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY	



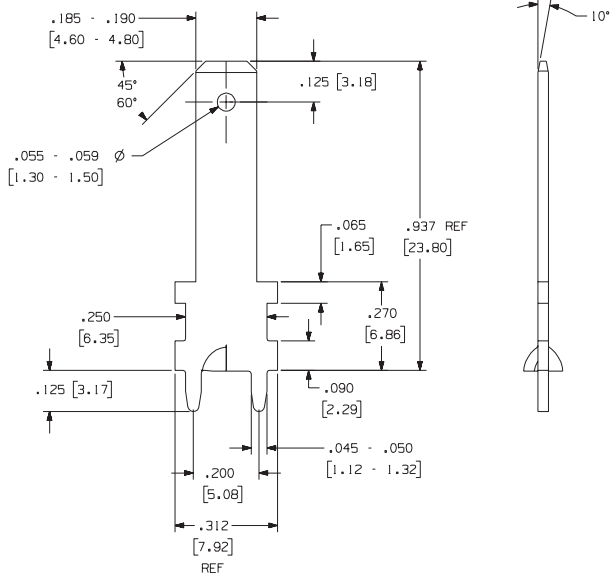
**Part Numbers 1077, 6078, 6077**

<b>Loose Part No.</b>	N/A	1077
<b>Reeled Part No.</b>	6078	6077
<b>Mounting Type</b>	Outward Splay	
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper	
<b>Mounting Hole Diameter</b>	0.050" ±0.003" (1.27mm ±0.076mm)	0.058" ±0.003" (1.47mm ±0.076mm)
<b>Current Rating</b>	20 Amperes	
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY	



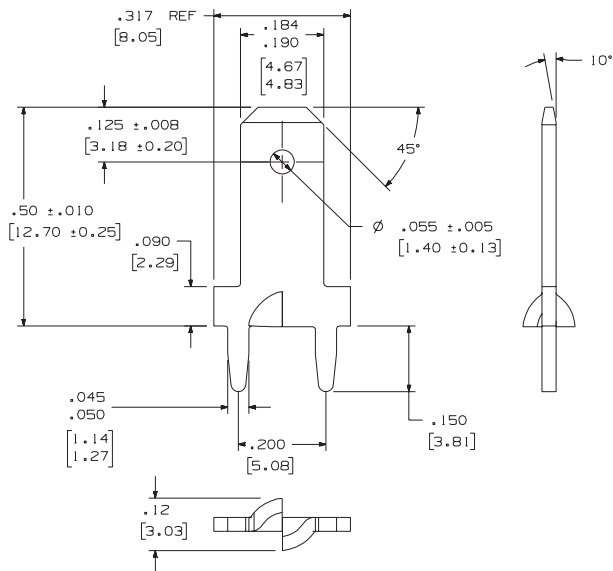
**Part Numbers 1042, 6042**

<b>Loose Part No.</b>	1042	
<b>Reeled Part No.</b>	6042	
<b>Mounting Type</b>	Outward or Inward Splay	
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass	
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper	
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076mm)	
<b>Current Rating</b>	20 Amperes	
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY	



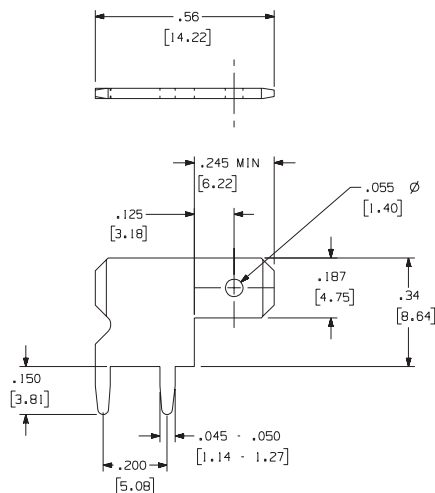
**Part Numbers 1172, 6172**

<b>Loose Part No.</b>	1172
<b>Reeled Part No.</b>	6172
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY



**Part Number 1166**

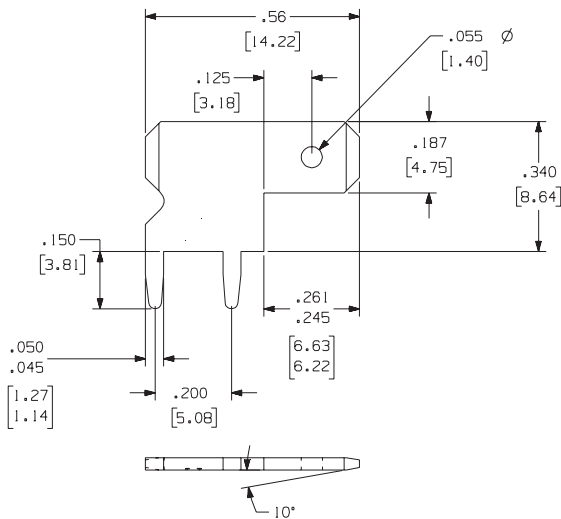
<b>Loose Part No.</b>	1166
<b>Reeled Part No.</b>	N/A
<b>Mounting Type</b>	Outward Splay
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY



**Part Numbers 6956, 6957**

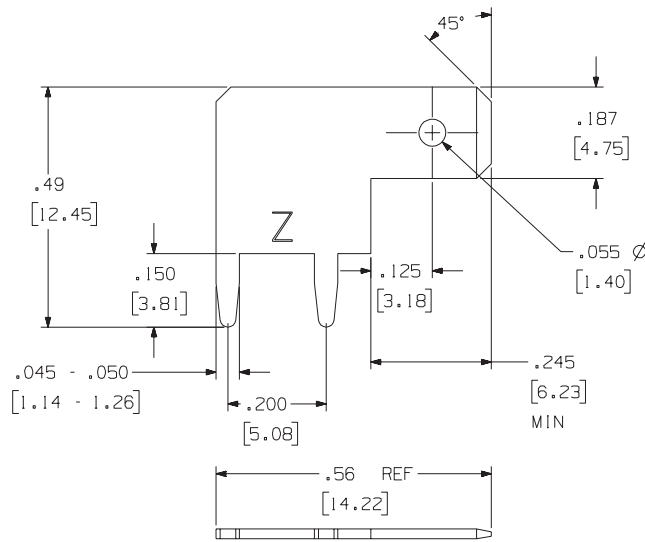
<b>Loose Part No.</b>	N/A	N/A
<b>Reeled Part No.</b>	6956	6957
<b>Mounting Type</b>	Outward or Inward Splay	
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass	0.032" (0.81mm) Brass
<b>Standard Finish</b>	100% Tin over Copper	
<b>Mounting Hole Diameter</b>	0.050" ±0.003" (1.27mm ±0.076mm)	0.058" ±0.003" (1.47mm ±0.076mm)
<b>Current Rating</b>	20 Amperes	
<b>Applicator System</b>	Model 9700, 9700 XY	





**Part Numbers 6148, 6149**

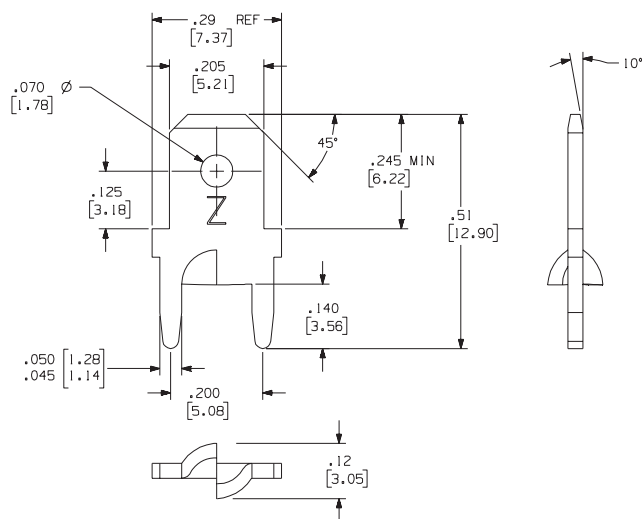
<b>Loose Part No.</b>	N/A	N/A
<b>Reeled Part No.</b>	6148	6149
<b>Mounting Type</b>	Outward or Inward Splay	
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass	0.020" (0.51mm) Brass
<b>Standard Finish</b>	100% Tin over Copper	
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)	0.050" ±0.003" (1.27mm ±0.076)
<b>Current Rating</b>	20 Amperes	
<b>Applicator System</b>	Model 9700, 9700 XY	



**Part Numbers 956, 957**

<b>Loose Part No.</b>	956	957
<b>Mounting Type</b>	Outward or Inward Splay	
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass	0.032" (0.81mm) Brass
<b>Standard Finish</b>	100% Tin over Copper	
<b>Mounting Hole Diameter</b>	0.050" ±0.003" (1.27mm ±0.076)	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes	
<b>Applicator System</b>	ZPT92-187	

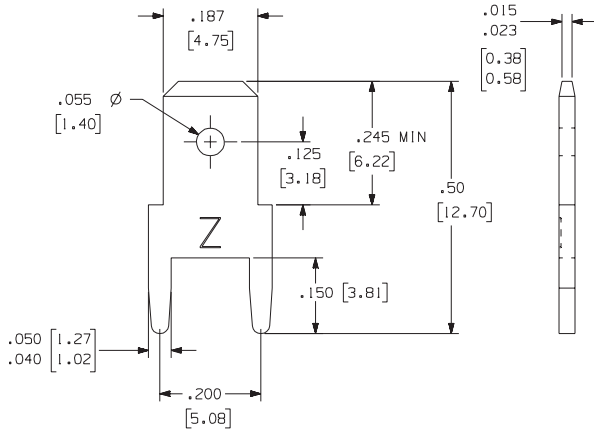
0.205" (5021mm) Tabs / Quick Disconnect Terminals



**Part Numbers 1066, 1065, 6065**

<b>Loose Part No.</b>	1066	1065
<b>Reeled Part No.</b>		6065
<b>Mounting Type</b>	Outward or Inward Splay	
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper	
<b>Mounting Hole Diameter</b>	0.050" ±0.003" (1.27mm ±0.076)	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes	
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY	

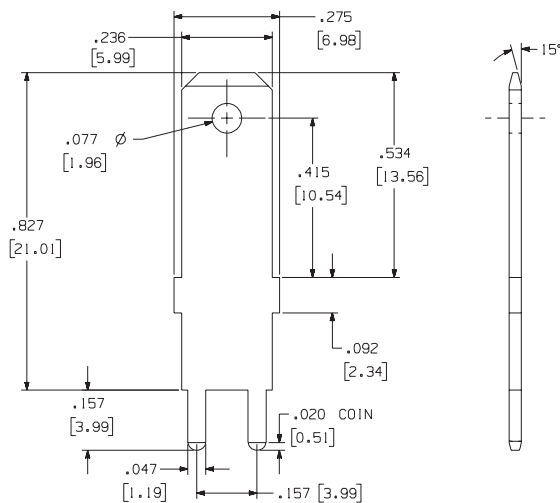
## 52 0.205" (5.21mm) Tabs / Quick Disconnect Terminals



### Part Numbers 893, 892

<b>Loose Part No.</b>	893	892
<b>Reeled Part No.</b>	N/A	N/A
<b>Mounting Type</b>	Outward or Inward Splay	
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass	0.032" (0.81mm) Brass
<b>Standard Finish</b>	100% Tin over Copper	
<b>Mounting Hole Diameter</b>	0.050" ±0.003" (1.27mm ±0.076)	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes	
<b>Applicator System</b>	ZPT81-A	

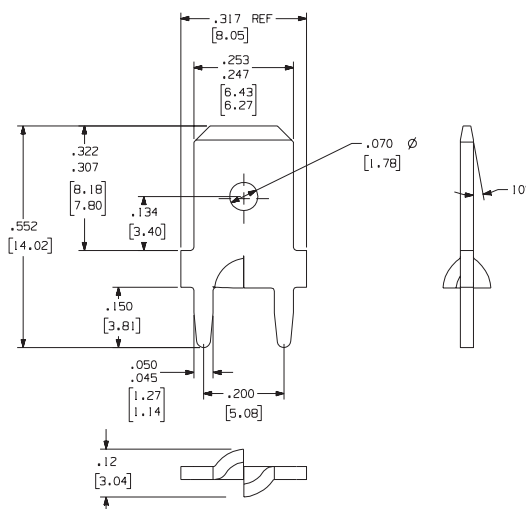
## 0.236" (5.99mm) Tabs / Quick Disconnect Terminals



### Part Numbers 1115, 6115

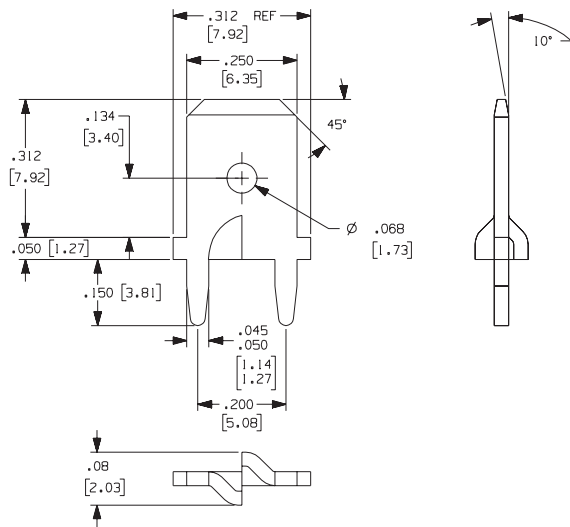
<b>Loose Part No.</b>	1115
<b>Reeled Part No.</b>	6115
<b>Mounting Type</b>	Outward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY

## 0.250" (6.35mm) Tabs / Quick Disconnect Terminals



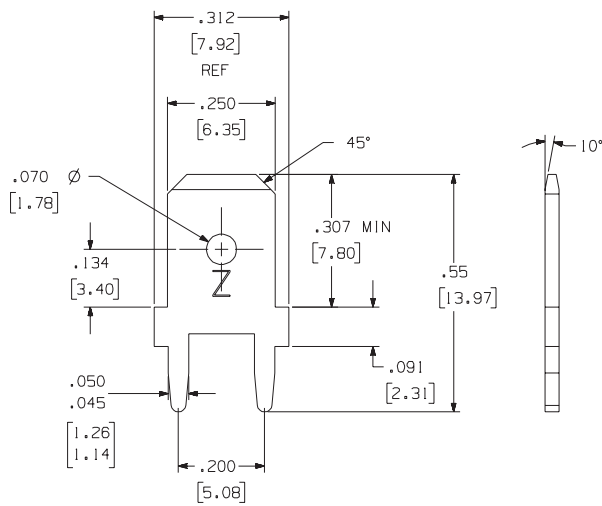
### Part Numbers 1021, 6021, 1198, 6198

<b>Loose Part No.</b>	1021	1198
<b>Reeled Part No.</b>	6021	6198
<b>Dim 'A'</b>	0.134" (3.40mm)	0.160" (4.06mm)
<b>Feature 'B'</b>	0.070" (1.78mm) HOLE	0.070" (1.78mm) DIMPLE
<b>Mounting Type</b>	Outward or Inward Splay	
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass	
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper	
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)	
<b>Current Rating</b>	20 Amperes	
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY	



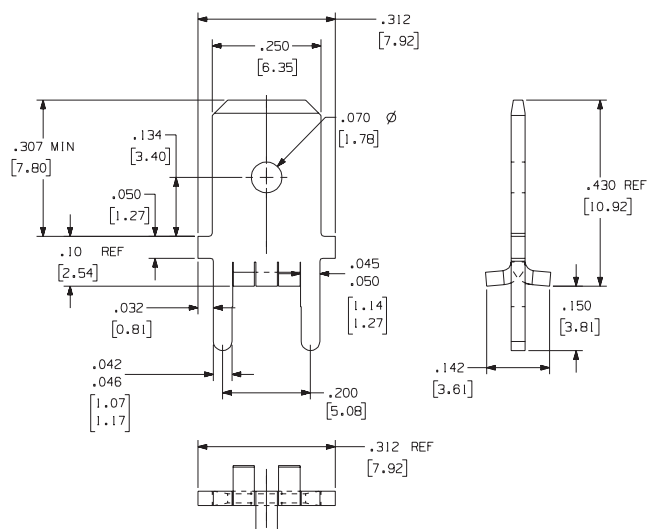
**Part Numbers 1061, 6061**

<b>Loose Part No.</b>	1061
<b>Reeled Part No.</b>	6061
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY



**Part Numbers 836, 6836**

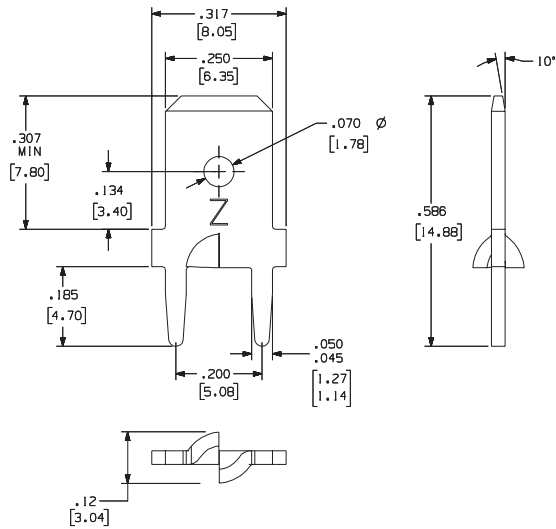
<b>Loose Part No.</b>	836
<b>Reeled Part No.</b>	6836
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY



**Part Number 6284**

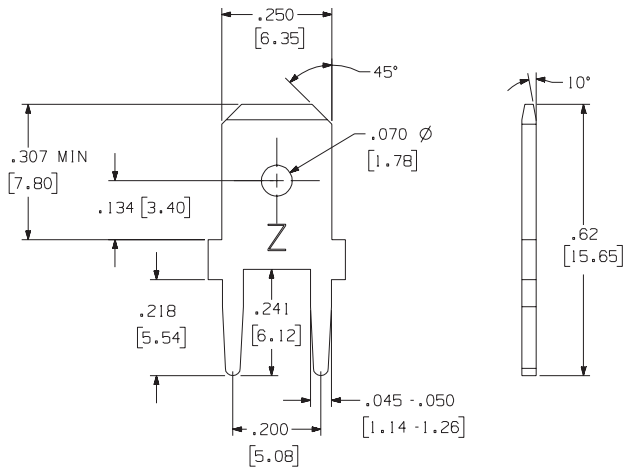
<b>Loose Part No.</b>	N/A
<b>Reeled Part No.</b>	6284
<b>Mounting Type</b>	Drop-In Fit
<b>Hole Dimension</b>	0.070" (1.78mm) hole
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 AMPS
<b>Feeder/Applicator System</b>	For SMT Applications: Surf-Shooter SMT Continuous Strip Feeder For THT Applications: Model 9700 Model 9700 XY

Zierick recommends .006" stencil thickness for most applications. For other stencil thicknesses, call Zierick's product development department.



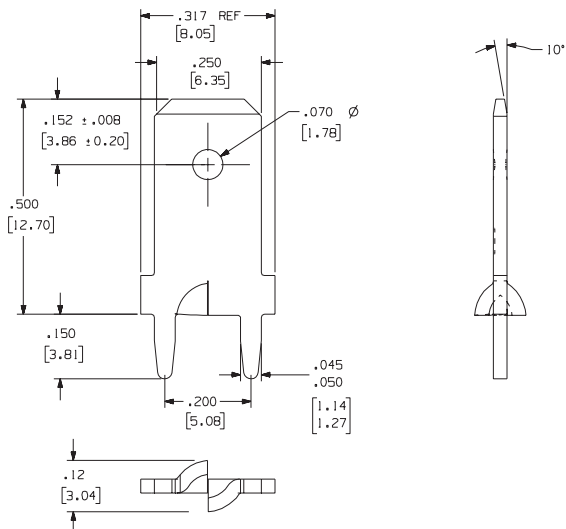
**Part Numbers 1060, 6060**

<b>Loose Part No.</b>	1060
<b>Reeled Part No.</b>	6060
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY



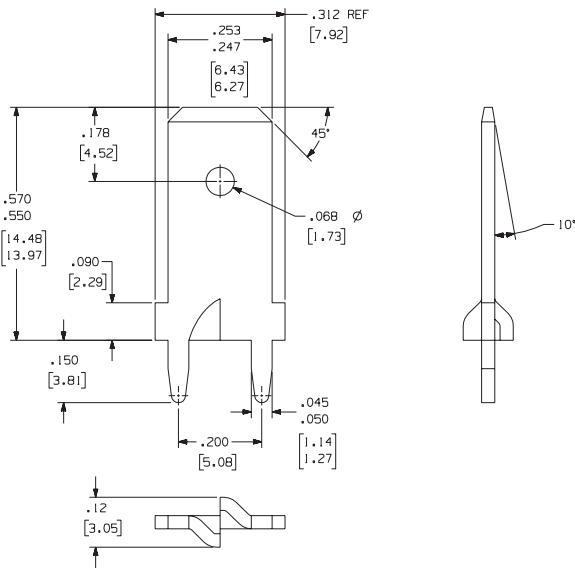
**Part Number 906**

<b>Loose Part No.</b>	906
<b>Reeled Part No.</b>	N/A
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	ZPT81-A



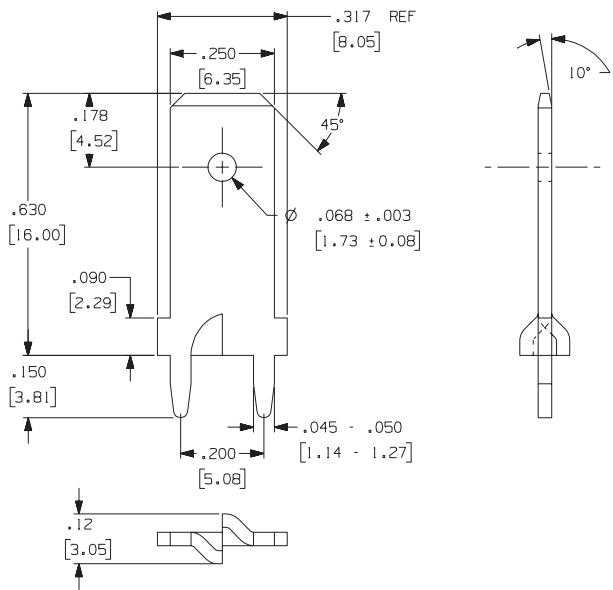
**Part Numbers 1045, 6045**

<b>Loose Part No.</b>	1045
<b>Reeled Part No.</b>	6045
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY



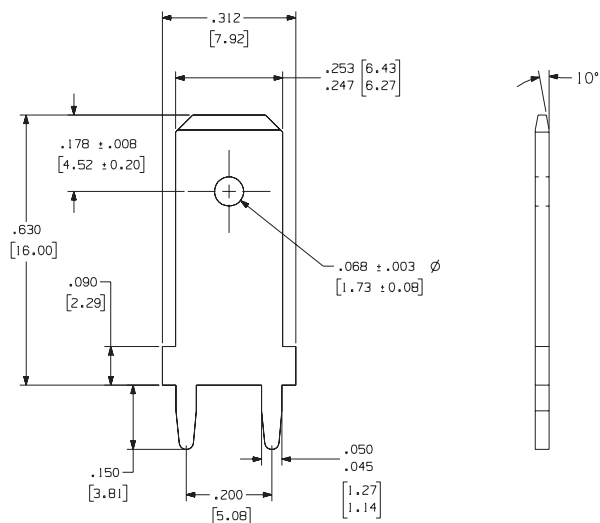
**Part Numbers 1041, 6041**

<b>Loose Part No.</b>	1041
<b>Reeled Part No.</b>	6041
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY



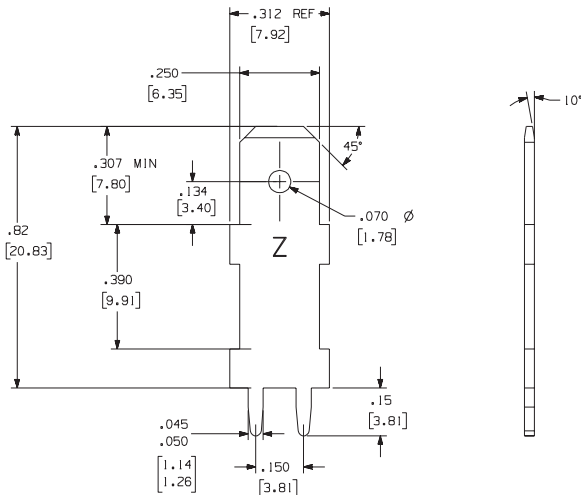
**Part Numbers 1057, 6057**

<b>Loose Part No.</b>	1057
<b>Reeled Part No.</b>	6057
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY



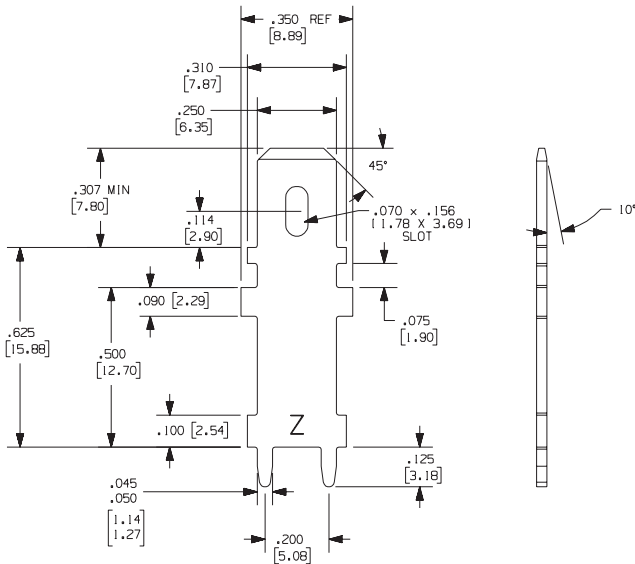
**Part Numbers 972, 6224**

<b>Loose Part No.</b>	972
<b>Reeled Part No.</b>	6224
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY



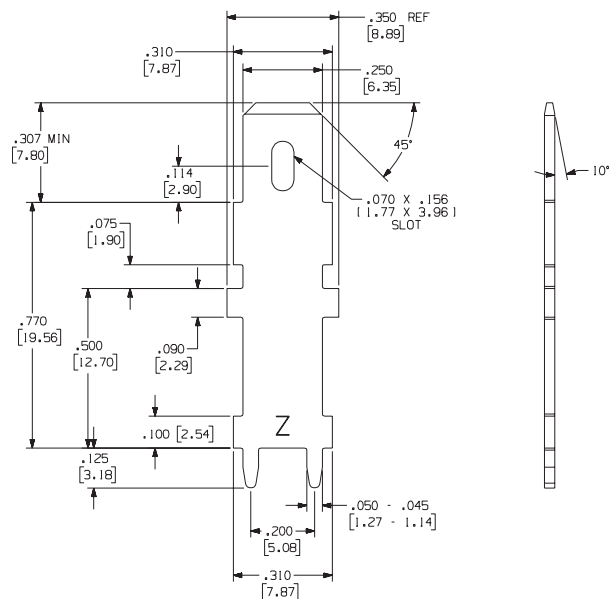
**Part Number 953-MOD**

<b>Loose Part No.</b>	953-MOD
<b>Reeled Part No.</b>	N/A
<b>Mounting Type</b>	Outward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	ZPT81-A



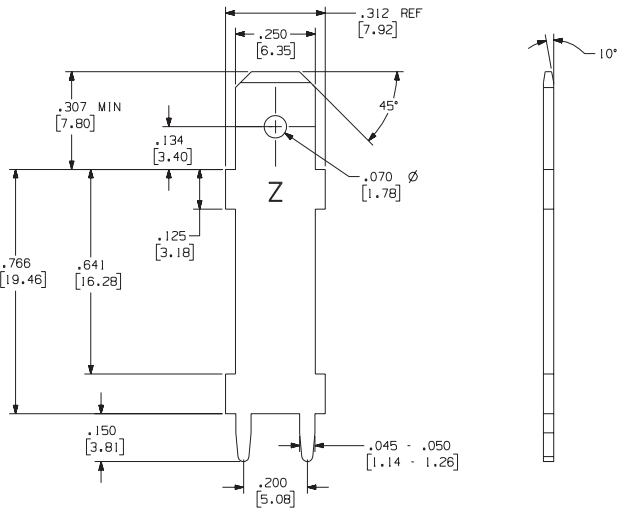
**Part Numbers 1113, 6113**

<b>Loose Part No.</b>	1113
<b>Reeled Part No.</b>	6113
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY



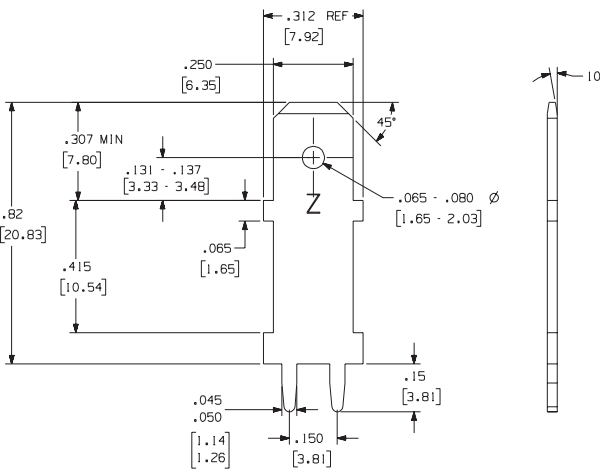
**Part Numbers 1112, 6112**

<b>Loose Part No.</b>	1112
<b>Reeled Part No.</b>	6112
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY



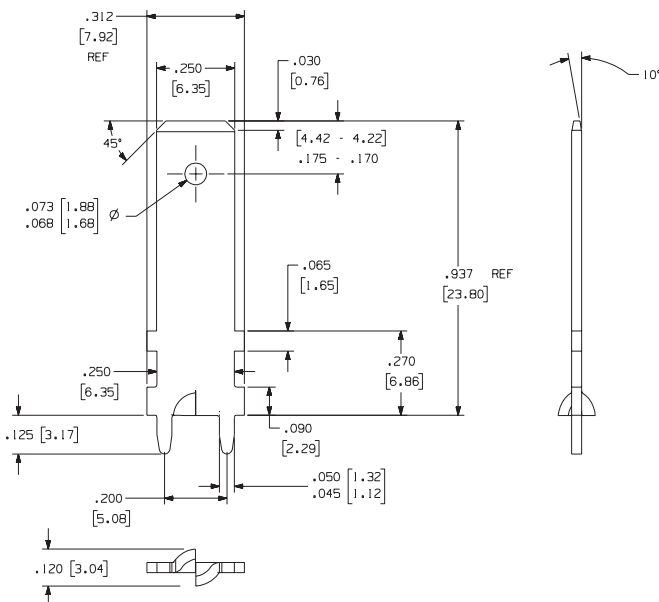
**Part Number 953**

<b>Loose Part No.</b>	953
<b>Reeled Part No.</b>	N/A
<b>Mounting Type</b>	Outward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	ZPT81-A



**Part Number 6110**

<b>Loose Part No.</b>	N/A
<b>Reeled Part No.</b>	6110
<b>Mounting Type</b>	Outward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	Model 9700, 9700 XY



**Part Numbers 1173, 6173**

<b>Loose Part No.</b>	1173
<b>Reeled Part No.</b>	6173
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY

Technical drawing of Part Number 1131. The drawing shows a front view and a side view. Key dimensions include: .310 [7.87] (top width), .350 REF [8.89] (top width), .250 [6.35] (width), .307 MIN [7.80] (height), .134 [3.40] (height), .755 [19.18] (height), .075 [1.90] (height), .090 [2.29] (height), .330 [8.38] (height), .100 [2.54] (height), .045 [1.14] - .050 [1.27] (height), .200 [5.08] (width), .125 [3.18] (width), .075 [1.90] (width), .180 [4.57] (width), and a 10° angle. A 45° angle is also indicated.

### Part Number 1131

<b>Loose Part No.</b>	1131
<b>Reeled Part No.</b>	N/A
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	30 Amperes
<b>Applicator System</b>	ZPT81-1131

0.250" (6.35mm) Right Angle Tabs / Quick Disconnect Terminals

Technical drawing of Part Number 901. The drawing shows a front view and a side view. Key dimensions include: .134 [3.40] (width), .070 ∅ [1.78] (width), .250 [6.35] (width), .28 [7.11] (width), .350 [8.89] (width), .307 MIN [7.80] (height), .150 [3.81] (height), .045 [1.14] - .050 [1.27] (height), .200 [5.08] (width), .28 [7.11] (width), and a 10° REF angle.

### Part Number 901

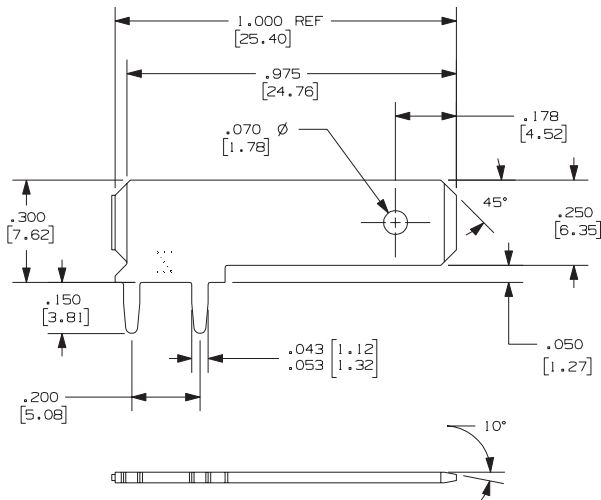
<b>Loose Part No.</b>	901
<b>Reeled Part No.</b>	N/A (see PN 6901)
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	ZPT92-250

Technical drawing of Part Number 6901. The drawing shows a front view and a side view. Key dimensions include: .250 [6.35] (width), .28 [7.11] (width), .35 [8.89] (width), .134 [3.40] (width), .070 ∅ [1.78] (width), .307 MIN [7.80] (height), .150 [3.81] (height), .045 [1.14] - .050 [1.27] (height), .200 [5.08] (width), .28 [7.11] (width), and a 10° angle.

### Part Number 6901

<b>Loose Part No.</b>	N/A (see PN 901)
<b>Reeled Part No.</b>	6901
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	Model 9700, 9700 XY





**Part Numbers 6080, 6152**

<b>Reeled Part No.</b>	6080	6152
<b>Feature 'A'</b>	0.070" (1.78mm) HOLE	No Hole
<b>Mounting Type</b>	Outward or Inward Splay	
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass	
<b>Standard Finish</b>	100% Tin over Copper	
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076)	
<b>Current Rating</b>	20 Amperes	
<b>Applicator System</b>	Model 9700, 9700 XY	

**Underwriters Lab**

Zierick Manufacturing Corporation is pleased to advise that the majority of our quick disconnect tabs are recognized to U.S. and Canadian requirements under the Component Recognition Program of Underwriters Laboratories, Inc. The Component Program of Underwriters Laboratories, Inc. assures that quick disconnect terminals meet the requirements of the Underwriters Laboratories, Inc. specification number ANSI UL 310.

For a complete listing of Zierick's UL recommended Quick Disconnect terminals, visit the Zierick website, [www.zierick.com](http://www.zierick.com) and search for UL. There you will see direct links to the UL listings for the United States and for Canada.

Or you can visit the UL website, [www.ul.com](http://www.ul.com), and scroll to the bottom of the page. Under "Tools", select "Online Certifications Directory". In the box next to "Company Name" type "Zierick" and scroll down to press the "Search" button. A page will open which shows our Quick-Connects certified for the US and for Canada. Under "Link to File" select the country of choice and you will find the Zierick part numbers that are recognized by UL.



**Features and Benefits**

- Zierick's **Stable-Lok®** and **Accu-Lok™** mounting features improve the terminal retention of quick disconnect terminals to the PCB.
- Test point terminals offer exceptional designed-in flexibility allowing test engineers to easily attach test probes.
- They are available with **Accu-Lok™** mounting, for maximum PCB retention and solder joint integrity.
- The **Accu-Lok™** feature assures mounting repeatability and reduces the occurrence of fractured terminals.
- Press-fit test points are also available.
- PCB retention is achieved through a controlled splitting and forming of the terminal leg during insertion, preventing extreme hole deformation, hole damage or board warpage commonly caused by traditional press-fit terminal designs.

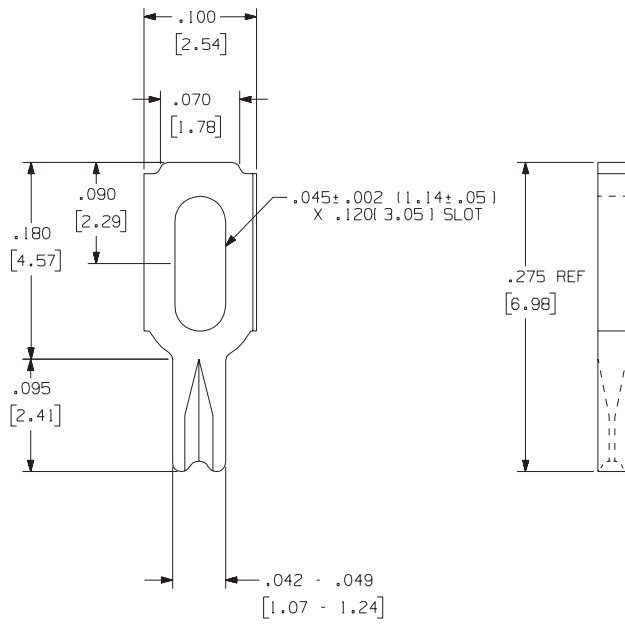


Since the unique design of **Accu-Lok™** mounting is not a press fit, it prevents hole damage and deformity.

The **Accu-Lok™** retentive mounting feature produces exceptional PCB assembly and interconnection integrity. The PCB retention of **Accu-Lok™** mounting is accomplished by a controlled splitting and forming of the terminal leg during insertion.

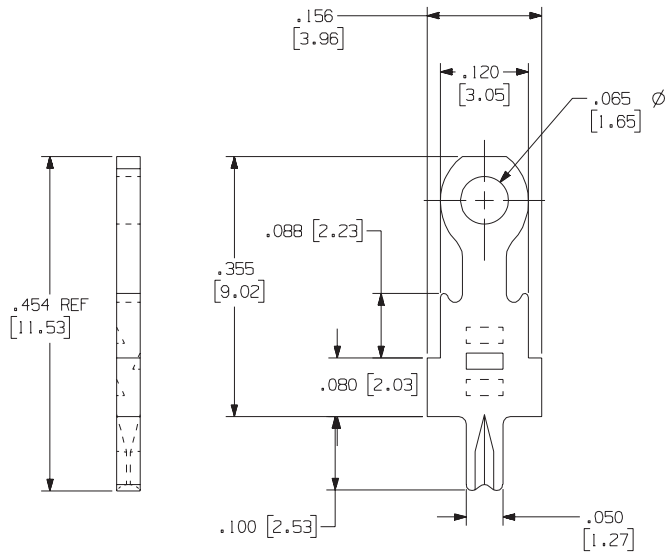


**Part Numbers 1069, 6069**



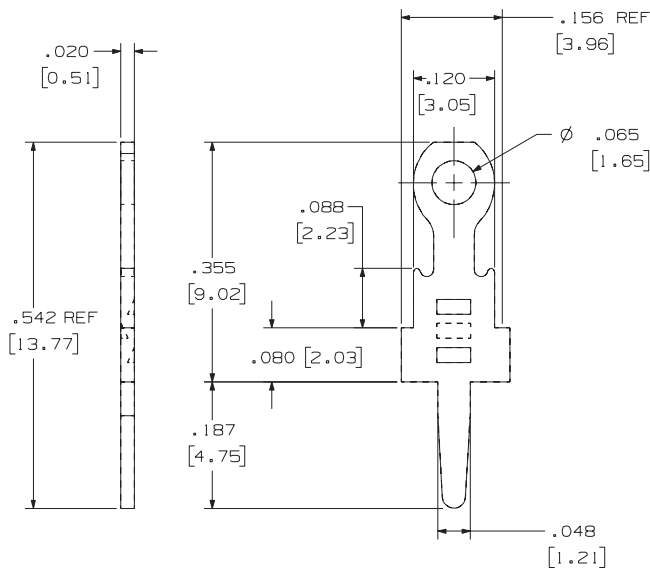
<b>Loose Part No.</b>	1069
<b>Reeled Part No.</b>	6069
<b>Mounting Type</b>	Split Leg Splay
<b>Material Thickness / Type</b>	0.025" (0.64mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.055" ±0.003" (1.40mm ±0.076)
<b>Current Rating</b>	10 Amperes
<b>Applicator System</b>	Loose: ZPT81-TP Reeled: Model 9700, 9700 XY

**Part Numbers 1058, 1059, 6059**

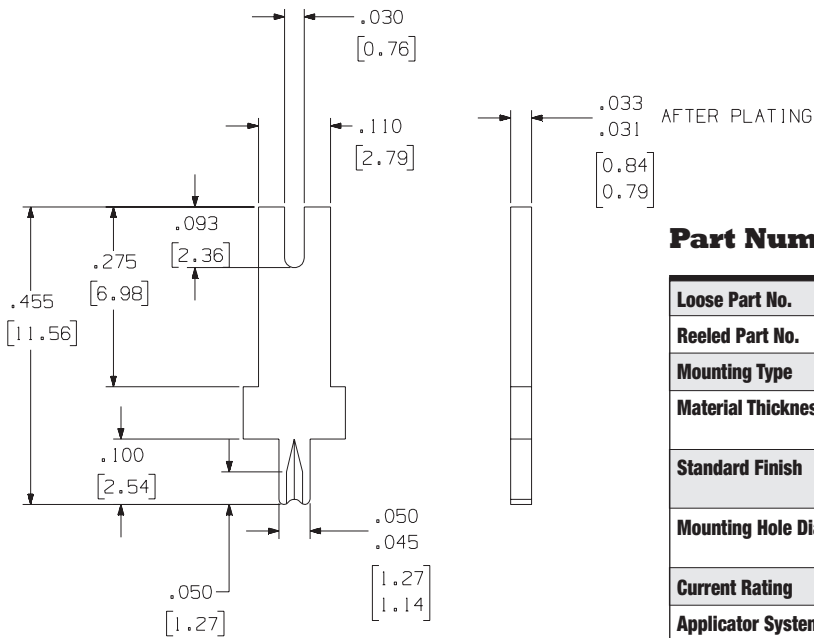


<b>Loose Part No.</b>	1058	1059
<b>Reeled Part No.</b>		6059
<b>Mounting Type</b>	Split Leg Splay	Split Leg Splay
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper	
<b>Mounting Hole Diameter</b>	0.046" ±0.003" (1.17mm ±0.076)	0.052" ±0.003" (1.32mm ±0.076)
<b>Current Rating</b>	10 Amperes	
<b>Applicator System</b>	Loose: ZPT81-TP Reeled: Model 9700, 9700 XY	

**Part Number 1032**



<b>Loose Part No.</b>	1032
<b>Mounting Type</b>	Press-Fit
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.046" ±0.003" (1.17mm ±0.076)
<b>Current Rating</b>	10 Amperes
<b>Applicator System</b>	Loose: ZPT81-TP

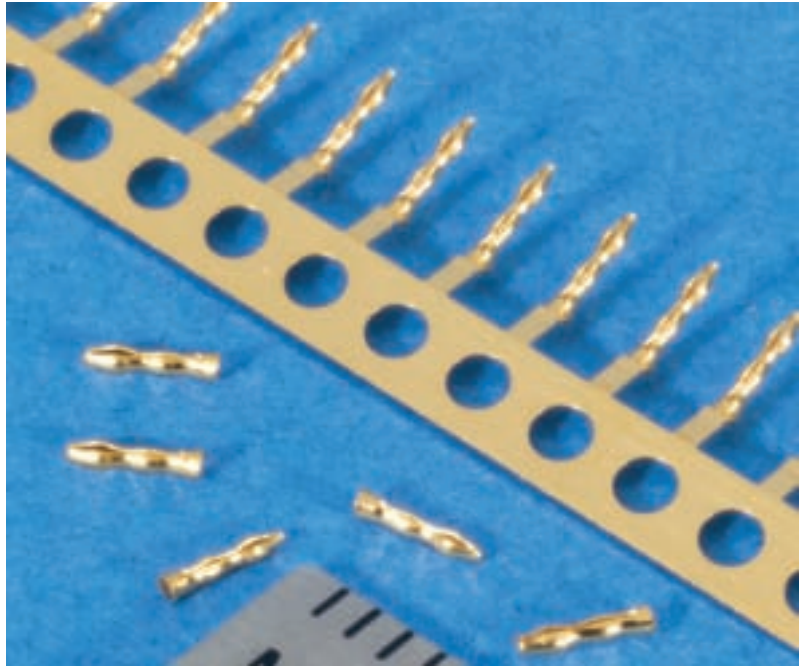


**Part Numbers 6050-030, 1049-030**

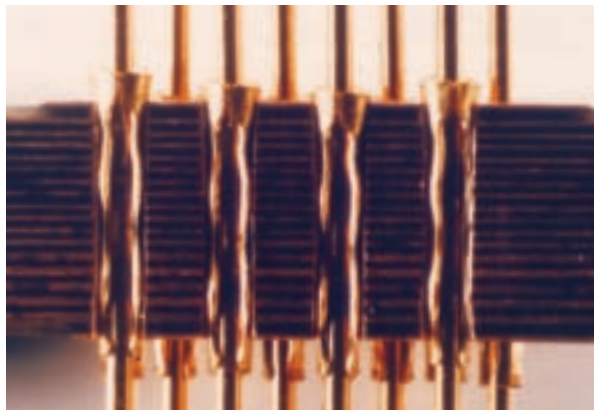
<b>Loose Part No.</b>	N/A	1049-030
<b>Reeled Part No.</b>	6050-030	N/A
<b>Mounting Type</b>	Split Leg Splay	Split Leg Splay
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper	
<b>Mounting Hole Diameter</b>	0.050" ±0.003" (1.27mm ±0.076)	0.054" ±0.003" (1.37mm ±0.076)
<b>Current Rating</b>	10 Amperes	
<b>Applicator System</b>	Loose: ZPT81-TP Reeled: Model 9700, 9700 XY	

**Features and Benefits**

- This connector enables the creation of a three-dimensional circuit by connecting stacked multi-layer circuit boards.
- It is a solderless interconnection system which utilizes pins and internal sockets.
- The system allows a staggered row grid density of 0.50" and a minimum PCB-to-PCB interface of 0.062".
- It accommodates boards with through-holes varying from 0.020" to 0.025" in diameter.
- Continuous format Pro-Wave sockets permit placement by automatic equipment in any number of pin counts on both standard and special grid spacings.

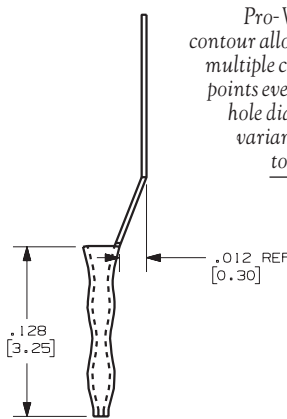
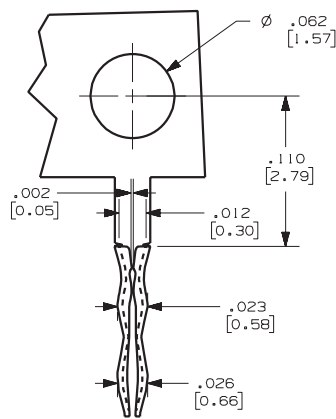
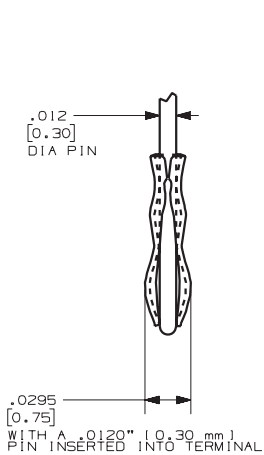


The uniquely shaped Pro-Wave socket fulfills parallel PCB stacking needs in a high-speed matched impedance environment.



**Part Number 608213-22**

<b>Loose Part No.</b>	608213-22
<b>Material Thickness / Type</b>	0.0035" (0.09mm) Beryllium Copper
<b>Standard Finish</b>	Hard Gold
<b>Mating Pin Diameter</b>	0.012" (0.31mm)
<b>Receiving PCB Hole Diameter</b>	0.020"/0.025" (0.51mm/0.64mm)
<b>PCB Thickness</b>	0.096" min. (2.44mm)



Pro-Wave's contour allows for multiple contact points even with hole diameter variances up to 0.005"

Beryllium copper construction with a hard gold finish ensures dependable performance.

**Features and Benefits**

- **Accu-Pak™** Box Connectors ensure reliable PCB-to-PCB, PCB-to-Component and PCB-to-Lead Wire interconnections.
- They come with top- or bottom-entry configurations.
- They mate easily with square, round, and rectangular terminals and posts, and are auto insertable.
- Our Box Connectors feature non-destructive beam motion, built-in overstress barriers and offer regular or high retention force configurations.
- Zierick's exclusive **Accu-Pak™** spring technology ensures predictable mating forces with ample stored energy.
- **Accu-Pak™** Connectors are highly resistant to permanent deformation even when misaligned.

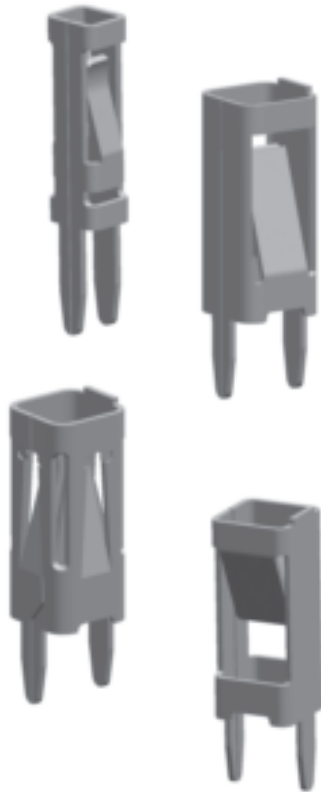


Some of Zierick's **Accu-Pak™** connector line now feature optional technology to prevent solder from wicking onto the internal contact areas during the wave solder process. Zierick's TapeResist solder masking technology is a remarkable advancement for PCB assembly as it utilizes pre-applied 0.001" (0.03mm) thick polyester film as the solder resist agent.

TapeResist allows stamped connectors to withstand internal solder wicking without the need for expensive, nonsolderable

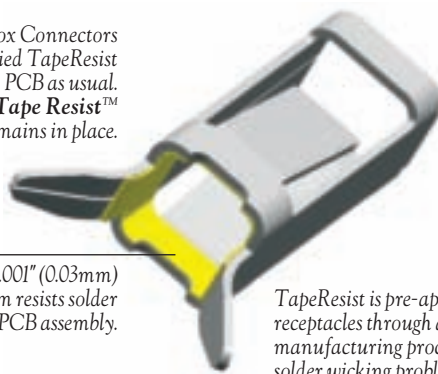
selective plated finishes. Secondary plugging or taping operations are also eliminated. The TapeResist film is precision-applied via an exclusive stamping process which eliminates the secondary processing needed with selective plating.

TapeResist connectors are applied to the PCB and processed in the exact same manner as standard connectors. Once the terminal is placed and soldered, the TapeResist film remains in place. There is no need for specialized preparation or cleaning with TapeResist connectors.

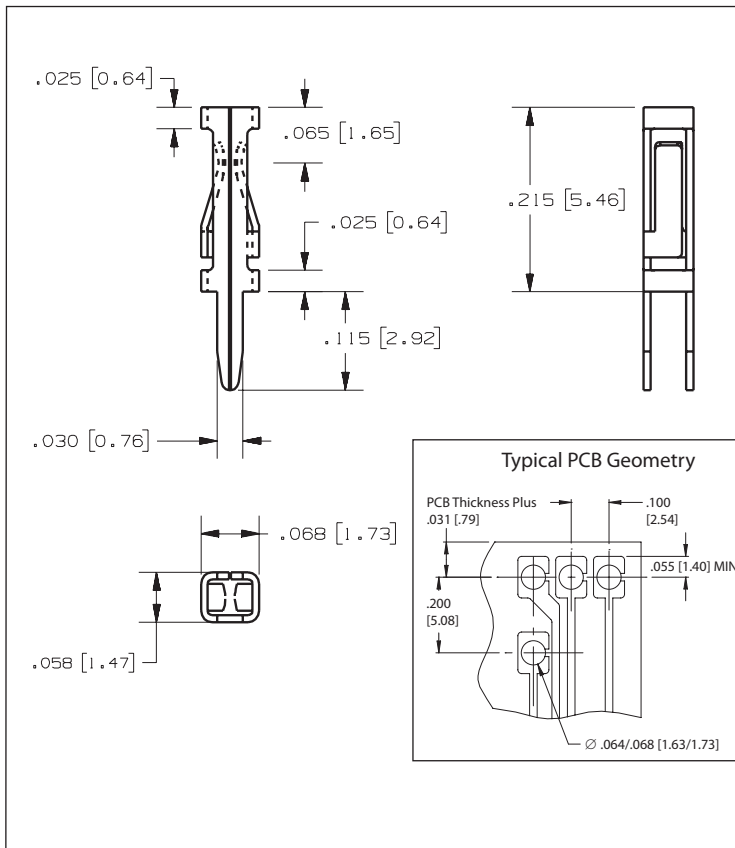


Zierick Box Connectors with pre-applied TapeResist are inserted in the PCB as usual. After soldering, the **Tape Resist™** remains in place.

The 0.001" (0.03mm) thick film resists solder during PCB assembly.



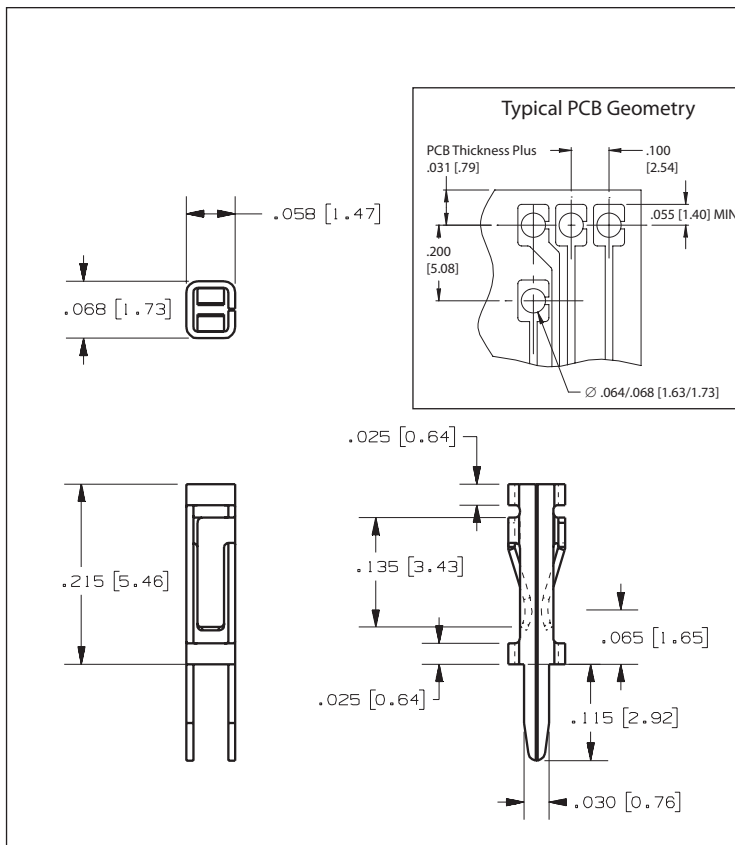
TapeResist is pre-applied to Zierick receptacles through a proprietary manufacturing process to prevent solder wicking problems.



**Part Number 6100**

<b>Loose Part No.</b>	N/A
<b>Reeled Part No.</b>	6100
<b>Mating Terminal Size</b>	0.025" (0.64mm) Rd. or Sq.
<b>Mounting Type</b>	Outward Splay
<b>Material Thickness / Type</b>	0.008" (0.20mm) Phosphor Bronze
<b>Standard Finish</b>	100% Tin over Copper
<b>Mating Type</b>	Vertical
<b>Mating Entry</b>	Bottom
<b>Current Rating</b>	3 Amperes
<b>Resistance Rating</b>	10mOhm Max
<b>Temperature Rating</b>	-65° to 105°C
<b>Insertion Force-Max.</b>	Application Dependent / Submit Mating Terminal Sample to Factory
<b>Withdrawal Force-Max.</b>	Application Dependent / Submit Mating Terminal Sample to Factory
<b>Applicator System</b>	Model 9700, 9700 XY

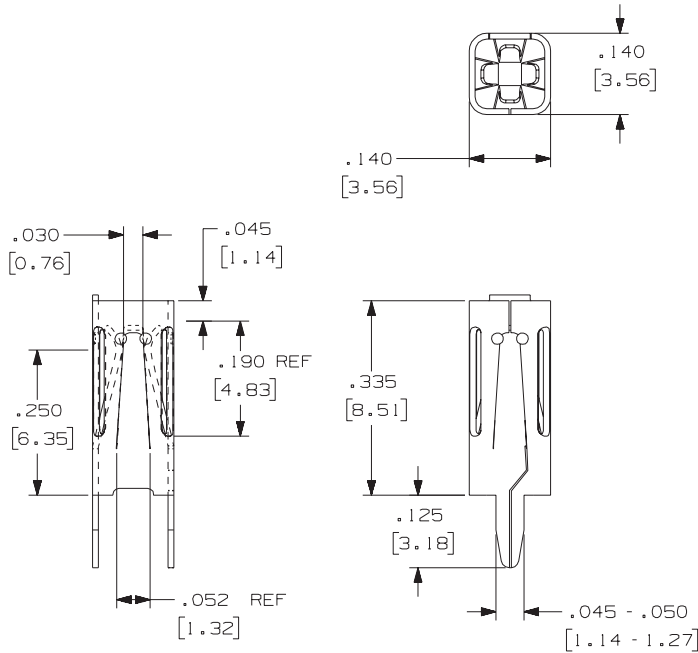
0.025" (0.64mm) Box Receptacles - Top Entry



**Part Number 6101**

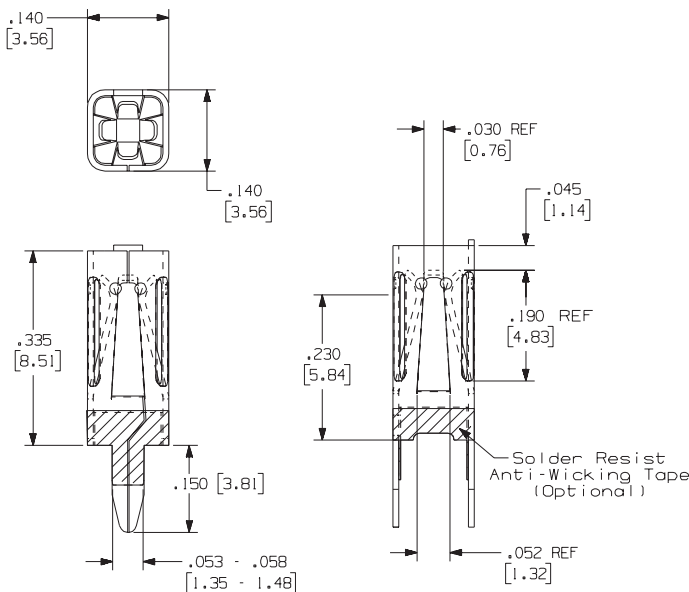
<b>Loose Part No.</b>	N/A
<b>Reeled Part No.</b>	6101
<b>Mating Terminal Size</b>	0.025" (0.64mm) Rd. or Sq.
<b>Mounting Type</b>	Outward Splay
<b>Material Thickness / Type</b>	0.008" (0.20mm) Phosphor Bronze
<b>Standard Finish</b>	100% Tin over Copper
<b>Mating Type</b>	Vertical
<b>Mating Entry</b>	Top
<b>Current Rating</b>	3 Amperes
<b>Resistance Rating</b>	10mOhm Max
<b>Temperature Rating</b>	-65° to 105°C
<b>Insertion Force-Max.</b>	Application Dependent / Submit Mating Terminal Sample to Factory.
<b>Withdrawal Force-Max.</b>	Application Dependent / Submit Mating Terminal Sample to Factory.
<b>Applicator System</b>	Model 9700, 9700 XY

**Part Numbers 1062, 6062**



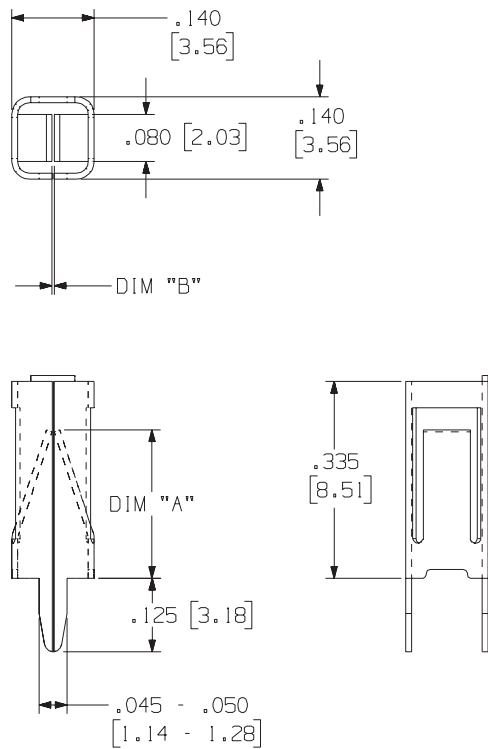
<b>Loose Part No.</b>	1062
<b>Reeled Part No.</b>	6062
<b>Mating Terminal Size</b>	0.045" (1.14mm) and 0.060" (1.52mm) Rd. or Sq.
<b>Mounting Type</b>	Outward Splay
<b>Material Thickness / Type</b>	0.010" (0.25mm) Phosphor Bronze
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mating Type</b>	Vertical
<b>Mating Entry</b>	Bottom
<b>Mounting Hole Diameter</b>	0.150" ±0.003" (3.81mm ±0.076mm)
<b>Current Rating</b>	10 Amperes
<b>Resistance Rating</b>	10mOhm Max
<b>Temperature Rating</b>	-65° to 105°C
<b>Insertion Force-Max.</b>	Application Dependent / Submit Mating Terminal Sample to Factory.
<b>Withdrawal Force-Max.</b>	Application Dependent / Submit Mating Terminal Sample to Factory.
<b>Applicator System</b>	Reeled: Model 9700, 9700 XY

**Part Number 6062-101**



<b>Loose Part No.</b>	N/A
<b>Reeled Part No.</b>	6062-101
<b>TapeResist™</b>	Optional
<b>Mating Terminal Size</b>	0.060" (1.52mm) Rd. or Sq. 0.095" (2.41mm) Rd. or Sq.
<b>Mounting Type</b>	Outward Splay
<b>Material Thickness / Type</b>	0.010" (0.25mm) Phosphor Bronze
<b>Standard Finish</b>	Reeled: 100% Tin over Copper
<b>Mating Type</b>	Vertical
<b>Mating Entry</b>	Bottom
<b>Mounting Hole Diameter</b>	0.150" ±0.003" (3.81mm ±0.076mm)
<b>Current Rating</b>	10 Amperes
<b>Resistance Rating</b>	10mOhm Max
<b>Temperature Rating</b>	-65° to 105°C
<b>Insertion Force-Max.</b>	Application Dependent / Submit Mating Terminal Sample to Factory
<b>Withdrawal Force-Max.</b>	Application Dependent / Submit Mating Terminal Sample to Factory
<b>Applicator System</b>	Reeled: Model 9700, 9700 XY

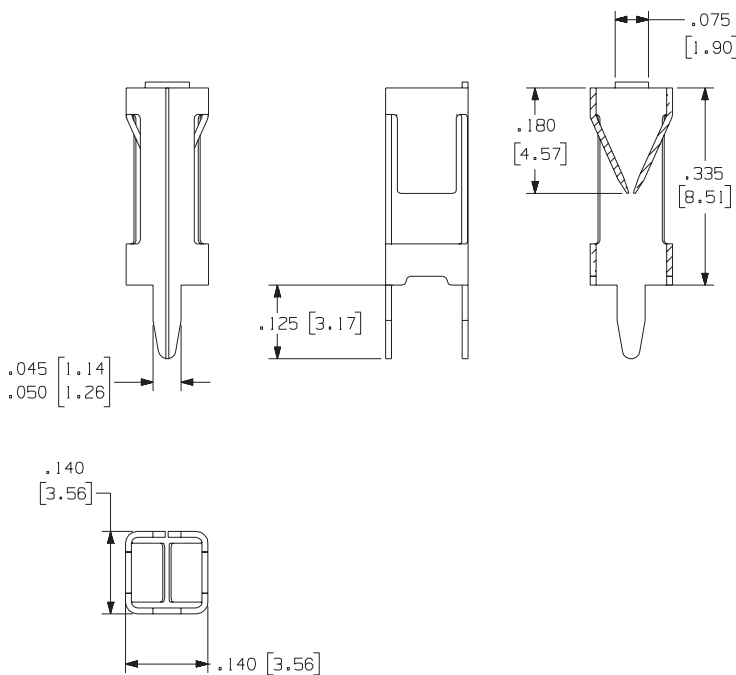




**Part Numbers 1193, 6193, 1200, 6200**

<b>Loose Part No.</b>	1193	1200
<b>Reeled Part No.</b>	6193	6200
<b>TapeResist™</b>	Optional (6193-TR)	
<b>Mating Terminal Size</b>	0.025" to 0.095" (0.64mm to 2.41mm) Rd. or Sq.	0.020" to 0.095" (0.51mm to 2.41mm) Rd. or Sq.
<b>Dim A</b>	0.200" (5.08mm)	0.250" (6.35mm)
<b>Dim B</b>	0.015" (0.38mm)	0.003" (0.07mm)
<b>Mounting Type</b>	Outward Splay	
<b>Material Thickness / Type</b>	0.010" (0.25mm) Phosphor Bronze	
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper	
<b>Mating Type</b>	Vertical	
<b>Mating Entry</b>	Bottom	
<b>Mounting Hole Diameter</b>	0.150" ±0.003" (3.81mm ±0.076mm)	
<b>Current Rating</b>	10 Amperes	
<b>Resistance Rating</b>	10mOhm Max	
<b>Temperature Rating</b>	-65° to 105°C	
<b>Insertion Force-Max.</b>	Application Dependent / Submit Mating Terminal Sample to Factory.	
<b>Withdrawal Force-Max.</b>	Application Dependent / Submit Mating Terminal Sample to Factory.	
<b>Applicator System</b>	Loose: Consult Factory Reeled: Model 9700, 9700 XY	

**Top Entry 2 Beam Box Receptacles**

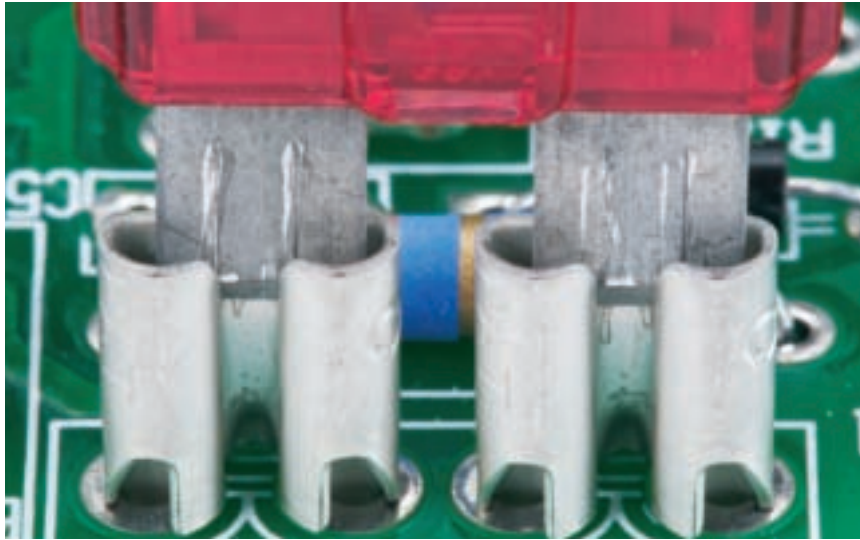


**Part Numbers 1187, 6187**

<b>Loose Part No.</b>	1187
<b>Reeled Part No.</b>	6187
<b>Mating Terminal Size</b>	0.025" (0.64mm) to 0.095" (2.41mm) Rd. or Sq.
<b>Mounting Type</b>	Outward Splay
<b>Material Thickness / Type</b>	0.010" (0.25mm) Phosphor Bronze
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mating Type</b>	Vertical
<b>Mating Entry</b>	Top
<b>Mounting Hole Diameter</b>	2 holes 0.050" ±0.003" (3.81mm ±0.076mm) on 0.130" ±0.003" (3.302mm ±0.003mm) centers
<b>Current Rating</b>	10 Amperes
<b>Resistance Rating</b>	10mOhm Max
<b>Temperature Rating</b>	-65° to 105°C
<b>Insertion Force-Max.</b>	Application Dependent / Submit Mating Terminal Sample to Factory.
<b>Withdrawal Force-Max.</b>	Application Dependent / Submit Mating Terminal Sample to Factory.
<b>Applicator System</b>	Loose: Consult factory Reeled: Model 9700, 9700 XY

**Features and Benefits**

- *Accu-Pak™* receptacles are available in many geometries.
- They provide dependable connections and exhibit exceptional performance.
- The contact spring design ensures predictable mating forces and high resistance to permanent deformation.
- These receptacles mate easily with standard male terminals, posts, and blade or fuse type terminals.
- They withstand repeated mating, shock, vibration, and thermal cycling.
- Options include **Stable-Lok®** mounting.
- PCB assembly can be done manually with Zierick hand tools, or automatically with Zierick semi- and fully-automated applicators.



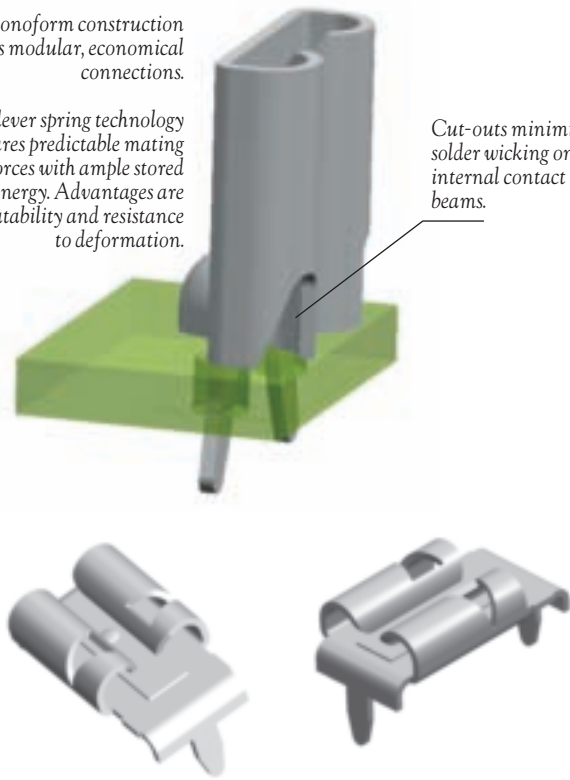
For highly repeatable PCB-to-PCB, PCB-to-Component, PCB-to-Lead Wire, and auto fuse interconnections, **Accu-Pak™** PCB mountable receptacles offer outstanding yet economical performance. Vertical and horizontal configurations are easily accomplished.

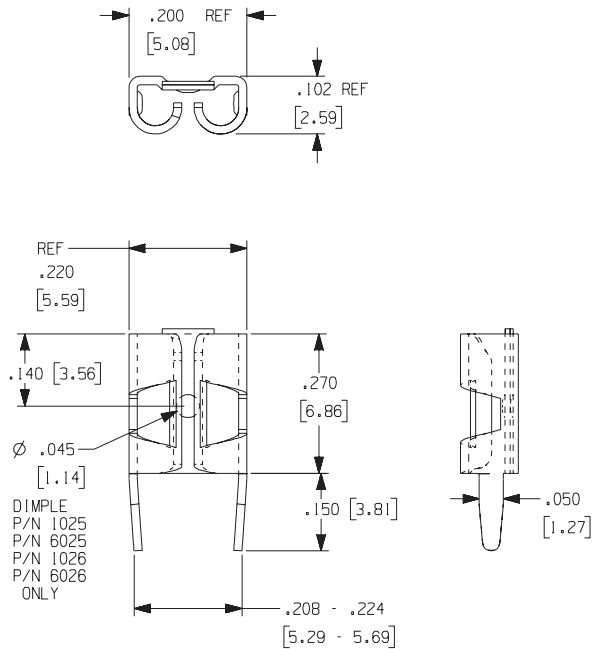


Monoform construction allows modular, economical connections.

Cantilever spring technology ensures predictable mating forces with ample stored energy. Advantages are repeatability and resistance to deformation.

Cut-outs minimize solder wicking onto internal contact beams.

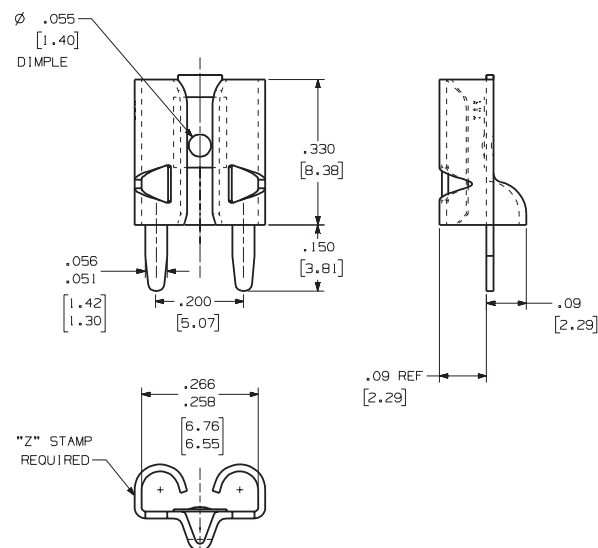




**Part Numbers**  
1241, 6241, 1026, 6026, 1025, 6025

Loose Part No.	1241	1026	1025
Reeled Part No.	6241	6026	6025
Mating Terminal Size	0.187" x 0.015" (4.75mm x 0.38mm) Tab	0.187" x 0.020" (4.75mm x 0.51mm) Tab	0.187" x 0.032" (4.75mm x 0.81mm) Tab
Mounting Type	Outward or Inward Splay		
Material Thickness / Type	0.016" (0.41mm) Brass		
Standard Finish	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper		
Mounting Hole Diameter	2 holes 0.058" ±0.003" (1.473mm ±0.076mm) on 0.200" ±0.003" (5.08mm ±0.076mm) centers		
Current Rating	15 Amperes		
Resistance Rating	10mOhm Max		
Temperature Rating	-65° to 85°C		
Applicator System	Loose: ZPT81-A Reeled: Model 9700, 9700 XY		

**0.205" (5.21mm) and 0.250" (6.35mm) Tab Receptacles**

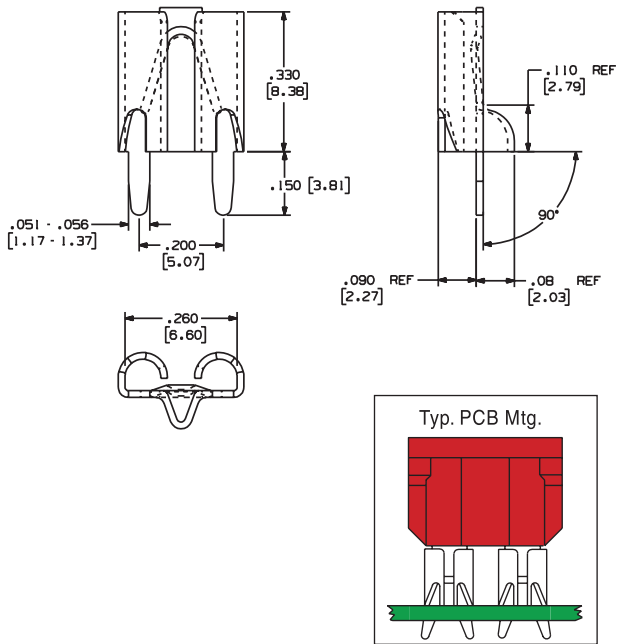


**Part Numbers**  
1022, 6022, 1037, 6037, 1123, 6123

Loose Part No.	1022	1037	1123
Reeled Part No.	6022	6037	6123
Mating Terminal Size	0.250" x 0.032" (6.35mm x 0.81mm) Tab*	0.250" x 0.032" (6.35mm x 0.81mm) Tin/Brass - Tab - (Low Insertion Force)	0.250" x 0.025" (6.35mm x 0.63mm) Tin/Non-Brass - Relays or Fuses - Dual/Multiple Mating
	0.205" x 0.032" (5.21mm x 0.81mm) Tab*	0.205" x 0.032" (5.21mm x 0.81mm) Tin/Brass - Tab - (Low Insertion Force)	0.205" x 0.025" (5.21mm x 0.64mm) Tin/Non-Brass - Relays or Fuses - Dual/Multiple Mating
Mounting Type	Outward or Inward Splay		
Material Thickness / Type	0.016" (0.41mm) Brass		
Standard Finish	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper		
Mating Entry	Top		
Mounting Hole Diameter	0.058" ±0.003" (1.473mm ±0.076mm) on 0.200" ±0.003" (5.08mm ±0.076mm) centers		
Current Rating	20 Amperes*		
Resistance Rating	10mOhm Max		
Temperature Rating	-65° to 85°C		
Applicator System	Loose: ZPT81-A Reeled: Model 9700, 9700 XY		

\*With Brass Tab

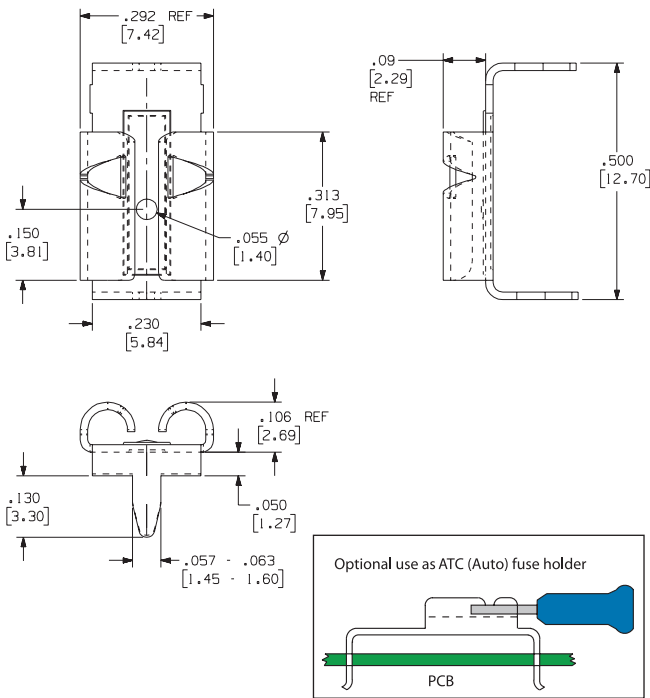
**Part Numbers 1154, 6154, 1225, 6225**



<b>Loose Part No.</b>	1154	1225
<b>Reeled Part No.</b>	6154	6225
<b>Mating Terminal Size</b>	0.250" x 0.025" (6.35mm x 0.64mm) Tab or Fuse	0.250" x 0.032" (6.35mm x 0.81mm) Tab
<b>Insertion Force-Max.</b>	5.0 lbs. (22.24N)*	10.0 lbs. (44.48N)*
<b>Withdrawal Force-Min.</b>	1.5 lbs. (6.73N)*	
<b>Mounting Type</b>	Outward or Inward Splay	
<b>Material Thickness / Type</b>	0.016" (0.41mm) Brass	
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper	
<b>Mating Entry</b>	Top	
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.473mm ±0.076mm) on 0.200" ±0.003" (5.08mm ±0.076mm) centers	
<b>Current Rating</b>	20 Amperes (with Brass Tab)	
<b>Resistance Rating</b>	10mOhm Max	
<b>Temperature Rating</b>	-65° to 85°C	
<b>Applicator System</b>	Loose: ZPT81-A Reeled: Model 9700, 9700 XY	

\*With Steel Test Tab

Note: Insertion/Extraction withdrawal forces may vary when using commercial fuses.

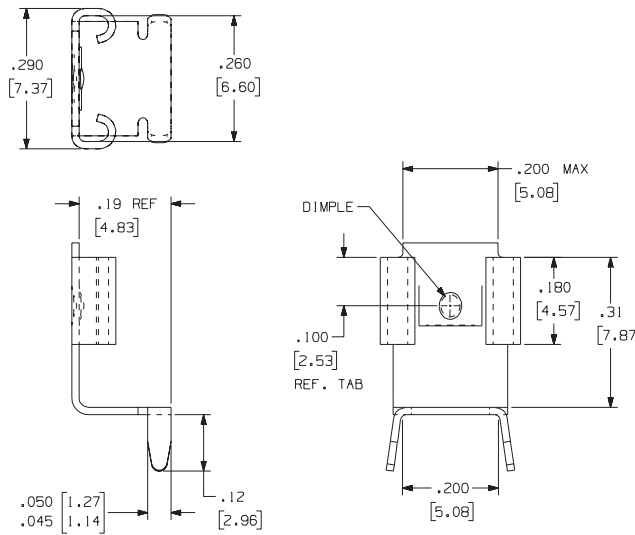


**Part Numbers 1093, 1090**

<b>Loose Part No.</b>	1093	1090
<b>Mating Terminal Size</b>	0.250" x 0.032" (6.35mm x 0.81mm) Tab	0.250" x 0.025" (6.35mm x 0.64mm) Tab
	0.205" x 0.032" (5.21mm x 0.81mm) Tab	0.205" x 0.025" (5.21mm x 0.64mm) Tab
<b>Insertion Force-Max.</b>	10.0 lbs. (44.48N)*	5.0 lbs. (22.24N)*
<b>Withdrawal Force-Min.</b>	2.0 lbs. (8.90N)*	1.0 lb. (4.45N)*
<b>Mounting Type</b>	Outward or Inward Splay	
<b>Mating Type</b>	Horizontal	
<b>Material Thickness Type</b>	0.016" (0.41mm) Brass	
<b>Standard Finish</b>	Loose: 100% Tin over Copper	
<b>Mating Entry</b>	Horizontal	
<b>Mounting Hole Diameter</b>	2 holes 0.063" ±0.003" (1.6mm ±0.076mm) on 0.500" ±0.003" (12.7mm ±0.076mm) centers	
<b>Current Rating</b>	20 Amperes	
<b>Resistance Rating</b>	10mOhm Max	
<b>Temperature Rating</b>	-65° to 85°C	

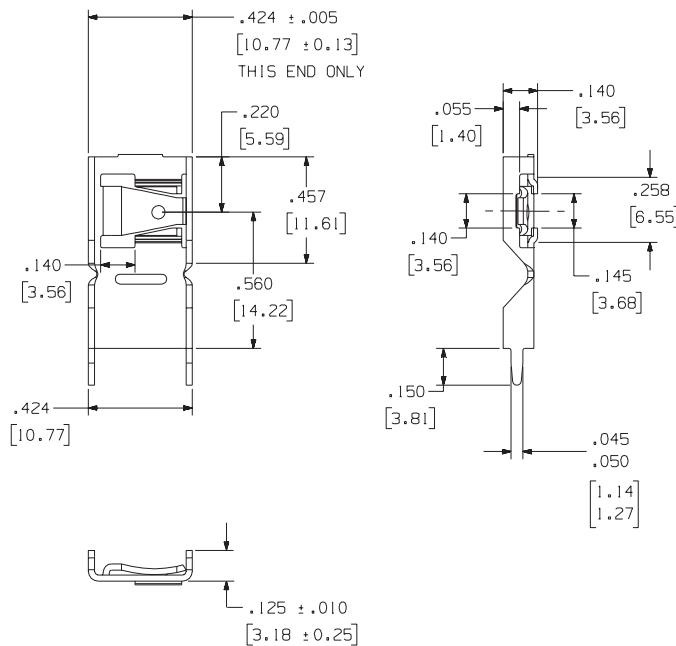
\*With Steel Test Tab

**Part Numbers 983, 984**



<b>Loose Part No.</b>	983	984
<b>Reeled Part No.</b>	N/A	N/A
<b>Mating Terminal Size</b>	0.250" x 0.016" (6.35mm x 0.41mm) Tin/Brass Male	0.250" x 0.032" (6.35mm x 0.81mm) Tin/Brass Male
<b>Mounting Type</b>	Outward or Inward Splay	
<b>Material Thickness / Type</b>	0.015" (0.38mm) Brass	
<b>Standard Finish</b>	100% Tin over Copper	
<b>Mating Type</b>	Vertical	
<b>Mating Entry</b>	Top Side	
<b>Mounting Hole Diameter</b>	2 holes 0.058" ±0.003" (1.473mm ±0.076mm) on 0.200" ±0.005" (5.08mm ±0.127mm) centers	
<b>Current Rating</b>	10 Amperes	15 Amperes
<b>Resistance Rating</b>	10mOhm Max	
<b>Temperature Rating</b>	-65° to 85°C	
<b>Applicator System</b>	Consult Factory	

**Part Number 6120**



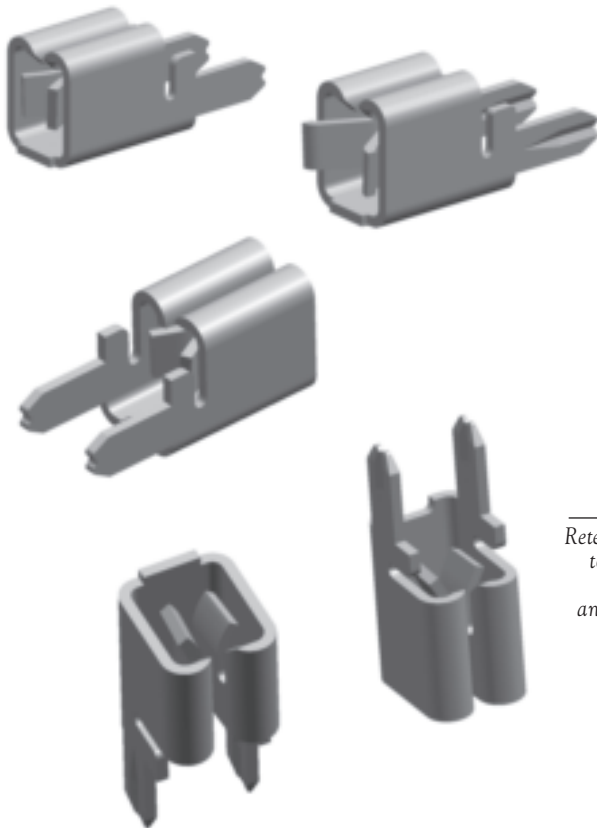
<b>Loose Part No.</b>	N/A
<b>Reeled Part No.</b>	6120
<b>Mating Terminal Size</b>	0.250" x 0.032" (6.35mm x 0.81mm) Tin/Brass Male and Relays Dual/Multiple Matings
<b>Mounting Type</b>	Outward or Inward Splay
<b>Mating Type</b>	Horizontal
<b>Material Thickness / Type</b>	0.025" (0.64mm) Brass
<b>Standard Finish</b>	100% Tin over Copper
<b>Mating Entry</b>	Horizontal
<b>Mounting Hole Diameter</b>	2 holes 0.052" ±0.003" (1.32mm ±0.076mm) on 0.400" ±0.005" (10.16mm ±0.127mm) centers
<b>Current Rating</b>	25 Amperes
<b>Resistance Rating</b>	20mOhm Max
<b>Temperature Rating</b>	-65° to 85°C
<b>Applicator System</b>	Model 9700, 9700 XY Bending Tool: ZPT-1120BT

**Features and Benefits**

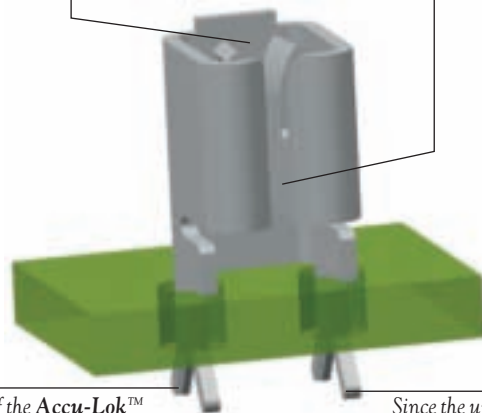
- These Tab Receptacles provide dependable connections and exhibit exceptional performance.
- The contact spring design ensures predictable mating forces and high resistance to permanent deformation.
- These receptacles mate easily with standard male terminals, posts, and blade or fuse type terminals.
- They withstand repeated mating, shock, vibration, and temperature cycling.
- They feature **Accu-Lok™** mounting for maximum PCB retention and solder joint integrity.
- PCB assembly can be done manually with Zierick hand tools, or automatically with Zierick semi- and fully-automated applicators.



These **Accu-Pak™** PCB mountable receptacles are offered in many geometries including vertical, horizontal, parallel, perpendicular and stacking PCB packaging configurations. They offer outstanding yet economical performance.



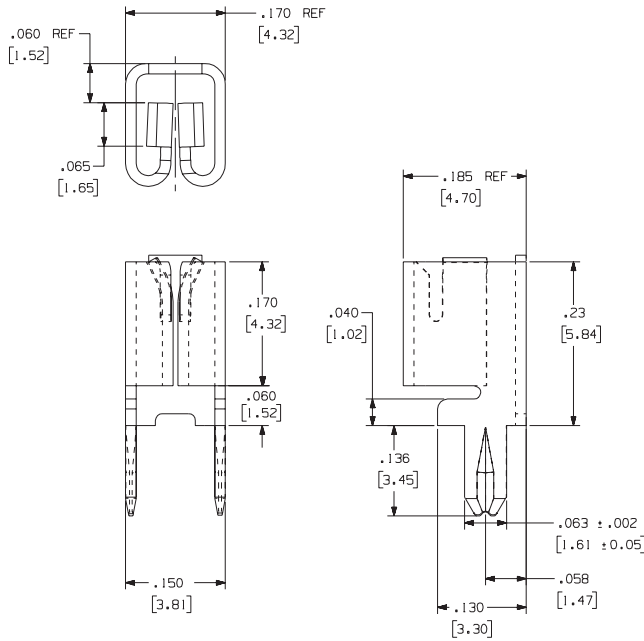
Universal Tab Receptacles can mate with Tabs placed vertically into the top (or bottom of Bottom Entry Receptacles), or perpendicular to the PCB between the two contact beams.



Retention of the **Accu-Lok™** to the PCB is accomplished by a controlled splitting and forming of the terminal leg during insertion.

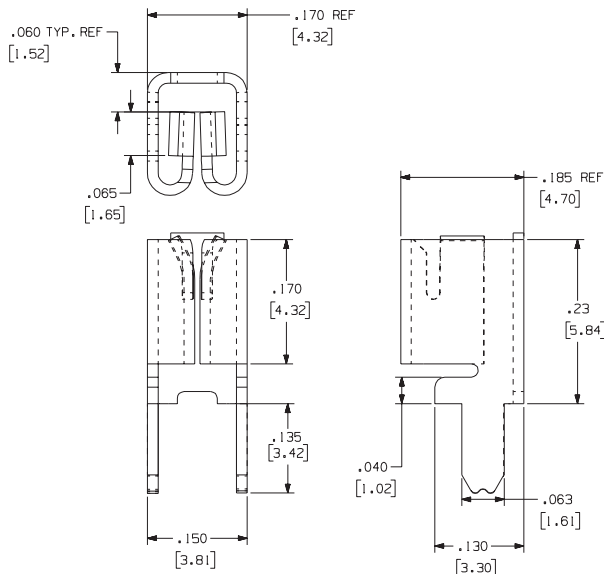
Since the unique design of the **Accu-Lok™** mounting leg is not a press fit, it causes no damage or deformity to the PCB hole.

## Part Numbers 1092, 6092, 1092T-KT, 1274, 1274T, 6274



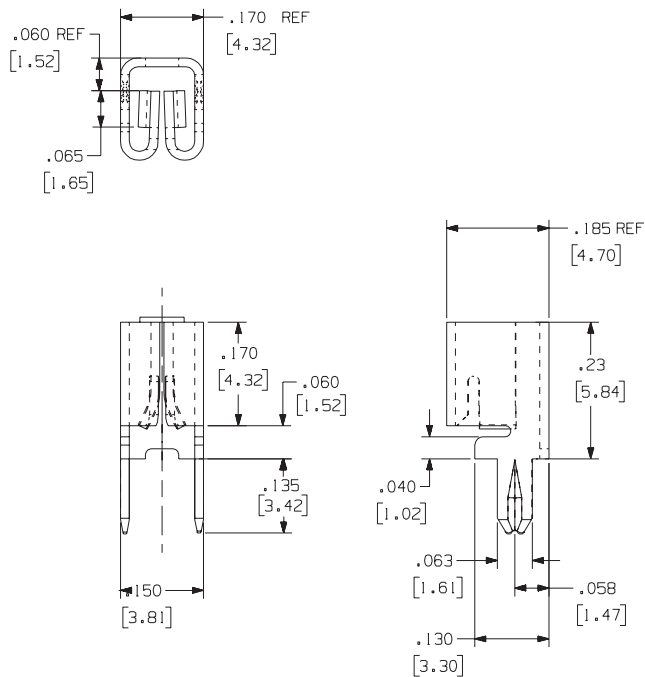
<b>Loose Part No.</b>	1092	1274
<b>Reeled Part No.</b>	6092	6274
<b>Taped Part No.</b>	1092T-KT	1274T
<b>Mating Terminal Size</b>	0.025" (0.64mm) and 0.032" (0.81mm)	0.020" (0.51mm) and 0.032" (0.81mm)
<b>Mounting Type</b>	Split Leg Inward Splay	
<b>Material Thickness / Type</b>	0.016" (0.41mm) Brass	
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper	
<b>Mating Entry</b>	Top and Horizontal	
<b>Mounting Hole Diameter</b>	2 holes 0.066" ±0.003" (1.68mm ±0.76mm) on 0.134" ±0.003" (3.40mm ±0.76mm) centers	
<b>Current Rating</b>	20 Amperes	
<b>Resistance Rating</b>	10mOhm Max	
<b>Temperature Rating</b>	-65° to 85°C	
<b>Applicator System</b>	Loose: ZPT81-1092 Reeled: Model 9700, 9700 XY	

## Part Numbers 1290, 6290



<b>Loose Part No.</b>	1290
<b>Reeled Part No.</b>	6290
<b>Mating Terminal Size</b>	0.025" (0.64mm) and 0.032" (0.81mm)
<b>Mounting Type</b>	Inward or Outward Splay
<b>Material Thickness / Type</b>	0.016" (0.41mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mating Entry</b>	Top and Horizontal
<b>Mounting Hole Diameter</b>	2 holes 0.066" ±0.003" (1.68mm ±0.76mm) on 0.134" ±0.003" (3.40mm ±0.76mm) centers
<b>Current Rating</b>	20 Amperes
<b>Resistance Rating</b>	10mOhm Max
<b>Temperature Rating</b>	-65° to 85°C
<b>Applicator System</b>	Loose: ZPT81-1092 Reeled: Model 9700, 9700 XY

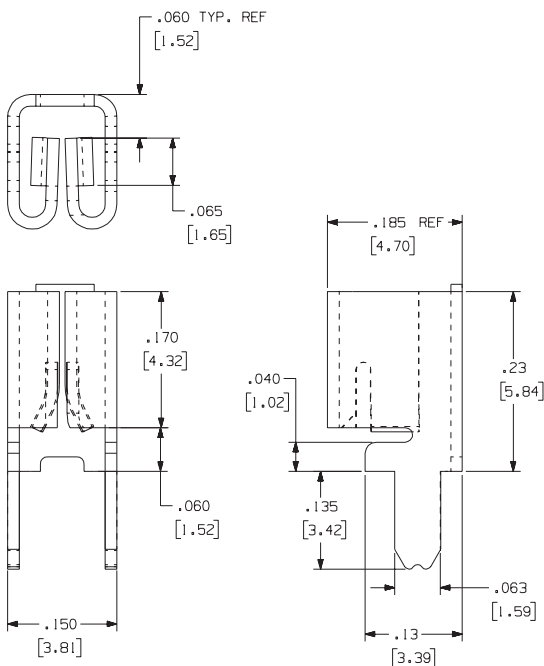
## Universal Tab Receptacles for 0.025" (0.64mm) and 0.032" (0.81mm) Thick Terminals



### Part Numbers 1118, 1118T, 6118, 1188, 6188

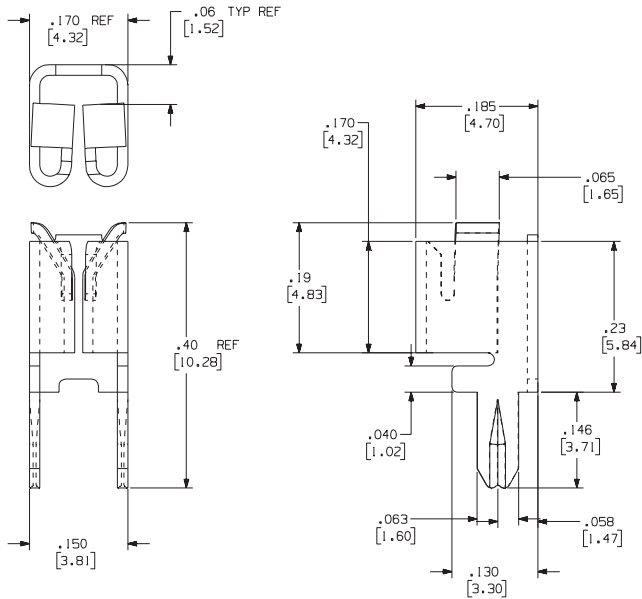
<b>Loose Part No.</b>	1118	1188
<b>Reeled Part No.</b>	6118	6188
<b>Taped Part No.</b>	1118T	N/A
<b>Mating Terminal Size</b>	0.025" (0.64mm) and 0.032" (0.81mm)	0.015" (0.38mm) and 0.025" (0.64mm)
<b>Mounting Type</b>	Split Leg Outward Splay	
<b>Material Thickness / Type</b>	0.016" (0.41mm) Brass	
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper	
<b>Mating Type</b>	Bottom and Horizontal	
<b>Mounting Hole Diameter</b>	2 holes 0.066" ±0.003" (1.68mm ±0.76mm) on 0.134" ±0.003" (3.40mm ±0.76mm) centers	
<b>Current Rating</b>	20 Amperes	
<b>Resistance Rating</b>	10mOhm Max	
<b>Temperature Rating</b>	-65° to 85°C	
<b>Applicator System</b>	Loose: ZPT81-1092 Reeled: Model 9700, 9700 XY	

### Part Numbers 1288, 6288



<b>Loose Part No.</b>	1288
<b>Reeled Part No.</b>	6288
<b>Mating Terminal Size</b>	0.015" (0.38mm) and 0.025" (0.64mm)
<b>Mounting Type</b>	Inward or Outward Splay
<b>Material Thickness / Type</b>	0.016" (0.41mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mating Type</b>	Bottom and Horizontal
<b>Mounting Hole Diameter</b>	2 holes 0.066" ±0.003" (1.68mm ±0.76mm) on 0.134" ±0.003" (3.40mm ±0.76mm) centers
<b>Current Rating</b>	20 Amperes
<b>Resistance Rating</b>	10mOhm Max
<b>Temperature Rating</b>	-65° to 85°C
<b>Applicator System</b>	Loose: ZPT81-1092 Reeled: Model 9700, 9700 XY

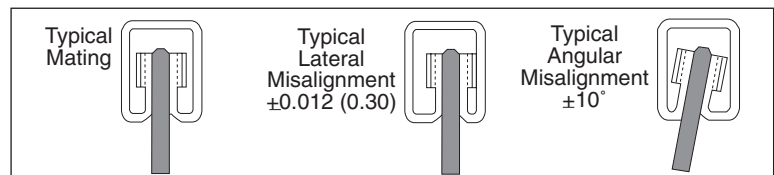
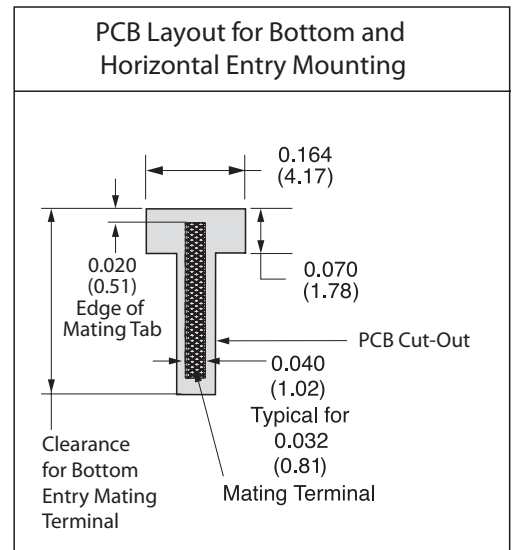
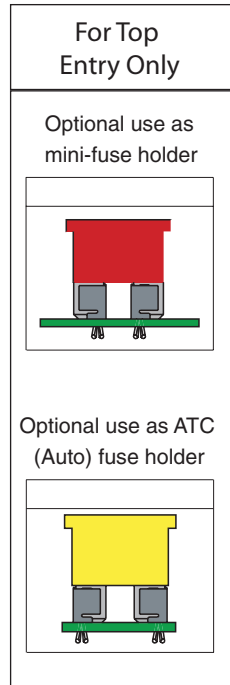
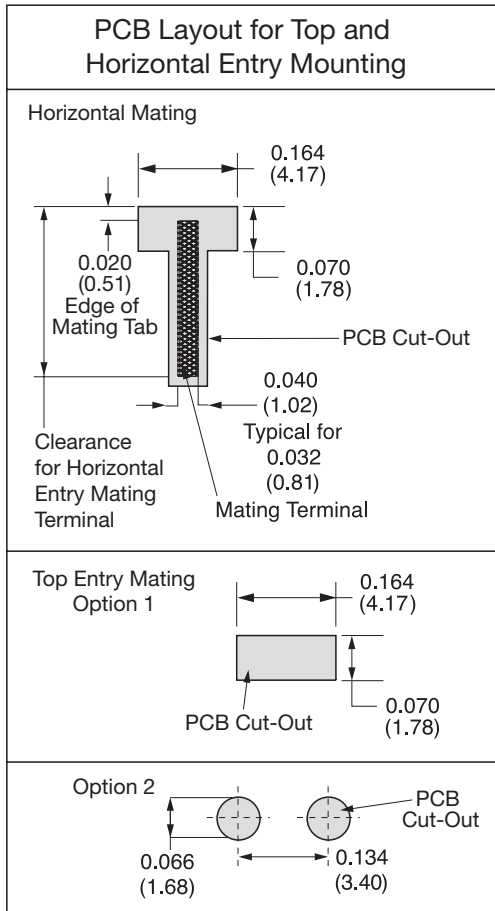




### Part Numbers 1299, 6299

<b>Loose Part No.</b>	1299
<b>Reeled Part No.</b>	6299
<b>Mating Terminal Size</b>	0.015" (0.38mm) and 0.025" (0.64mm)
<b>Mounting Type</b>	Split Leg Inward Splay
<b>Material Thickness / Type</b>	0.016" (0.41mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mating Type</b>	Bottom and Horizontal
<b>Mounting Hole Diameter</b>	2 holes 0.066" ±0.003" (1.68mm ±0.76mm) on 0.134" ±0.003" (3.40mm ±0.76mm) centers
<b>Current Rating</b>	20 Amperes
<b>Resistance Rating</b>	10mOhm Max
<b>Temperature Rating</b>	-65° to 85°C
<b>Applicator System</b>	Loose: ZPT81-1092 Reeled: Model 9700, 9700 XY

### Recommended PCB Layouts for Universal Tab Receptacles



**Features and Benefits**

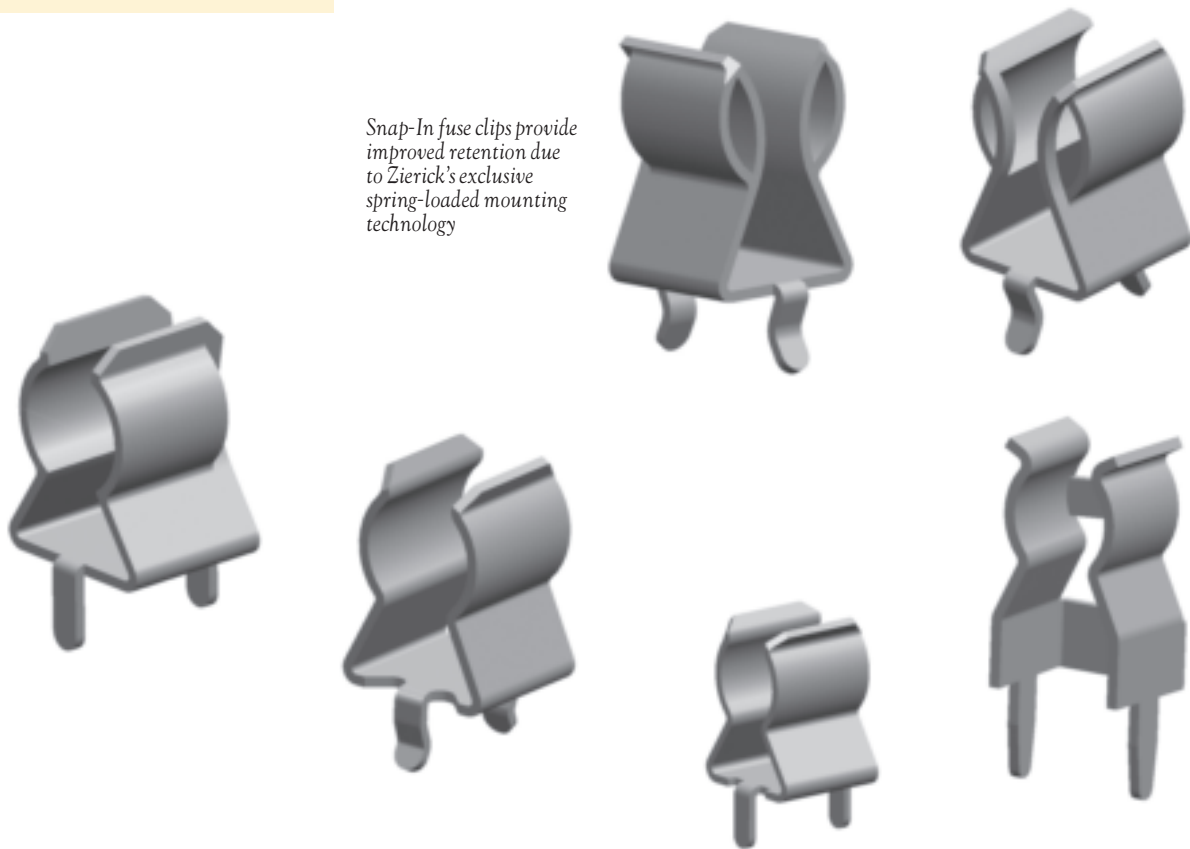
- Zierick's Snap-In fuse clips ensure reliable mounting through the incorporation of a spring-loaded mounting leg.
- Snap-In terminals will withstand side loading and rough PCB handling.
- The Snap-In feature is especially useful with manually inserted and robotic assembly applications where an extremely low terminal mounting force is required.
- Both Snap-In and standard fuse clips are available for 1/4" (6.35mm) and 0.197" (5mm) cylindrical fuse sizes.

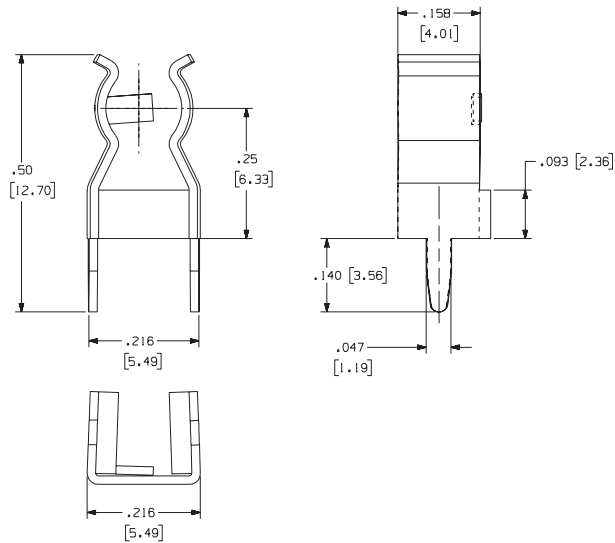


Zierick's exclusive Snap-In PCB fuse mounting technology features a spring-loaded mounting leg which enhances PCB quality and reliability. When inserted in a PCB, Snap-In terminals exhibit

increased retention, strength, and durability. Snap-In and standard fuse clips are available in loose piece format, with or without integral fuse stops.

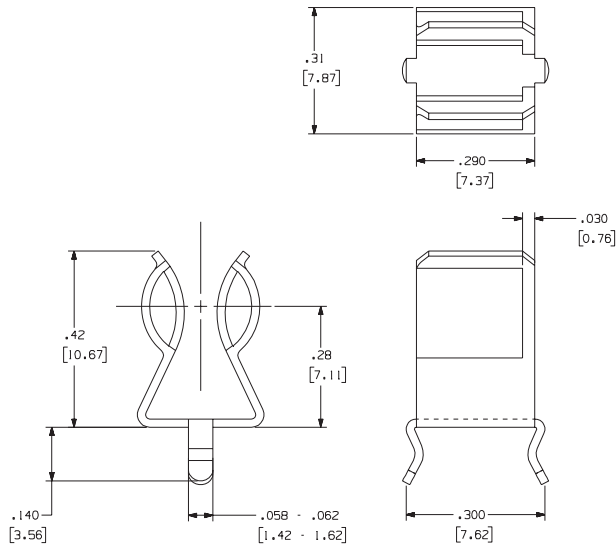
*Snap-In fuse clips provide improved retention due to Zierick's exclusive spring-loaded mounting technology*





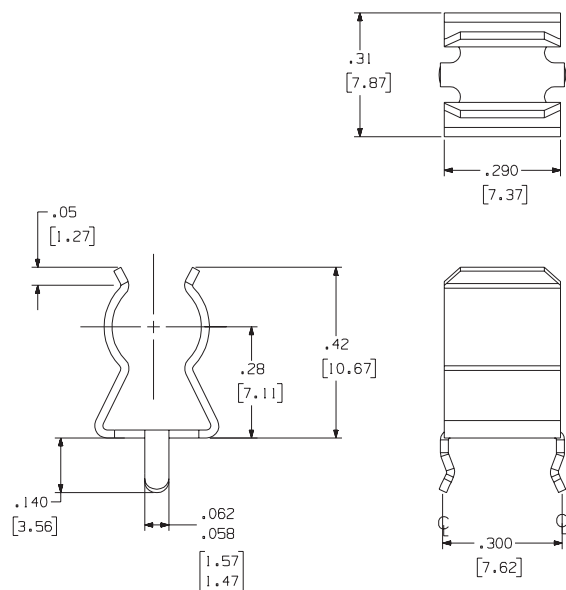
**Part Number 990**

<b>Loose Part No.</b>	990
<b>Fuse Size</b>	0.197" (5mm)
<b>Fuse Receptacle Type</b>	With Fuse Stop
<b>Material Thickness / Type</b>	0.016" (0.41mm) Brass
<b>Standard Finish</b>	100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.052" (1.32mm)
<b>Current Rating</b>	15 Amperes



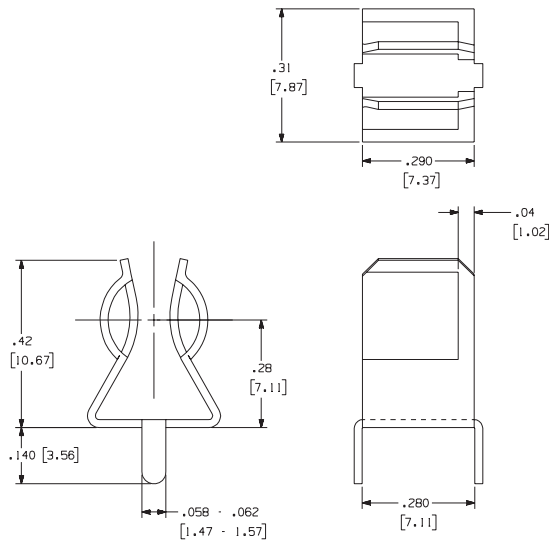
**Part Number 1047**

<b>Loose Part No.</b>	1047
<b>Fuse Size</b>	1/4" (6.35mm)
<b>Fuse Receptacle Type</b>	With Fuse Stop
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass
<b>Standard Finish</b>	100% Tin over Copper
<b>Current Rating</b>	15 Amperes
<b>Mounting Hole Diameter</b>	0.067" (1.70mm)



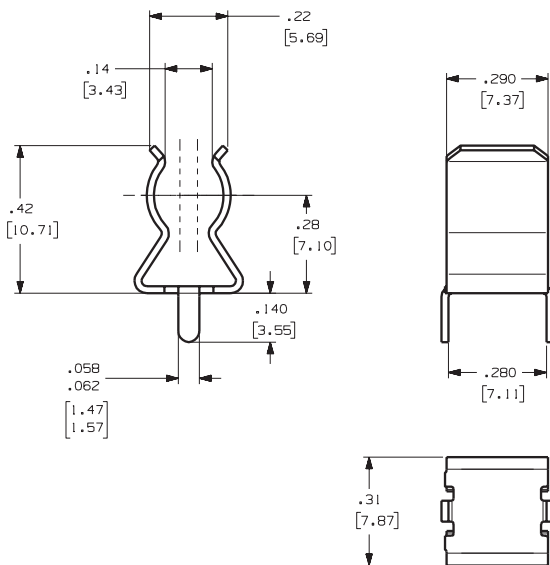
**Part Number 1048**

<b>Loose Part No.</b>	1048
<b>Fuse Size</b>	1/4" (6.35mm)
<b>Fuse Receptacle Type</b>	Without Fuse Stop
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass
<b>Standard Finish</b>	100% Tin over Copper
<b>Current Rating</b>	15 Amperes
<b>Mounting Hole Diameter</b>	0.067" (1.70mm)



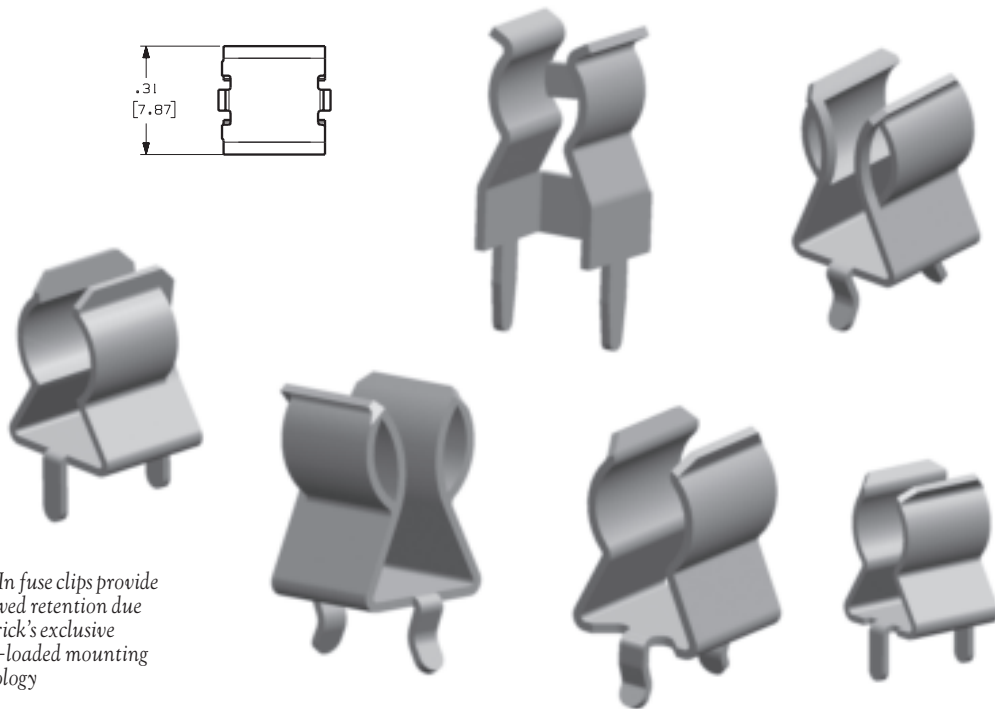
**Part Number 926**

<b>Loose Part No.</b>	926
<b>Fuse Size</b>	1/4" (6.35mm)
<b>Fuse Receptacle Type</b>	With Fuse Stop
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass
<b>Standard Finish</b>	100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.067" (1.70mm)
<b>Current Rating</b>	15 Amperes



**Part Number 927**

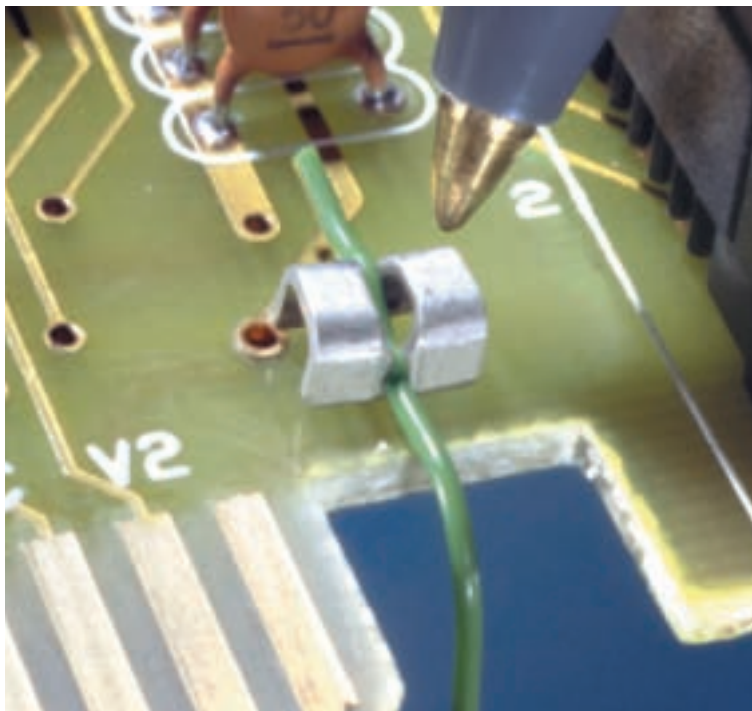
<b>Loose Part No.</b>	927
<b>Fuse Size</b>	1/4" (6.35mm)
<b>Fuse Receptacle Type</b>	Without Fuse Stop
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass
<b>Standard Finish</b>	100% Tin over Copper
<b>Mounting Hole Diameter</b>	0.067" (1.70mm)
<b>Current Rating</b>	15 Amperes



*Snap-In fuse clips provide improved retention due to Zierick's exclusive spring-loaded mounting technology*

**Features and Benefits**

- Zierick's **Torsion-Lok™** IDC allows connection and insulation shear in one motion, eliminating pre-stripping.
- These IDC's provide superior performance compared to rigid contact beam IDC styles.
- They can be a cost-effective wire connection alternative.
- The high-deflection contact beam design withstands repeated mating cycles and harsh conditions such as extreme shock and vibration.
- The **Torsion-Lok™** design provides a predictable, pre-loaded connection force.
- The torsion beams provide ample stored energy and are highly resistant to permanent deformation and stress relaxation.
- The gas-tight interconnection is maintained without wire creep and slip.



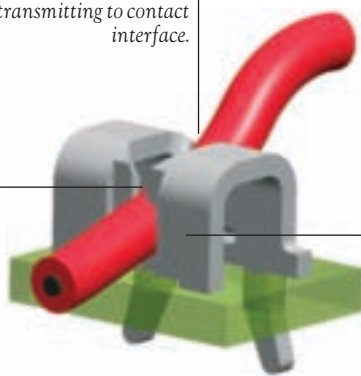
The **Torsion-Lok™** IDC received the PMA-Higgins Design Award based on its ability to deliver exceptional performance while saving costs. Designed for rigorous PCB and wire-end connection requirements, **Torsion-Lok™** IDC's out-perform traditional rigid contact beam IDC styles. Unlike a rigid IDC, the **Torsion-Lok™** permits a high degree of movement by the connection contacts. This

greater movement allows a contact beam deflection range that is many times greater than traditional IDC's. Connection is achieved by simply pushing the wire into the high deflection, zero-clearance connection slot for a reliable, gas-tight connection. This IDC is a cost-effective method of wire connection, providing exceptional flexibility and superior performance compared to traditional rigid contact beam IDC styles.

Built-in wire strain relief prevents wire motion from transmitting to contact interface.

Unlike rigid contact beam styles providing only one-time use, **Torsion-Lok™** beams allow ample movement for repeated mating.

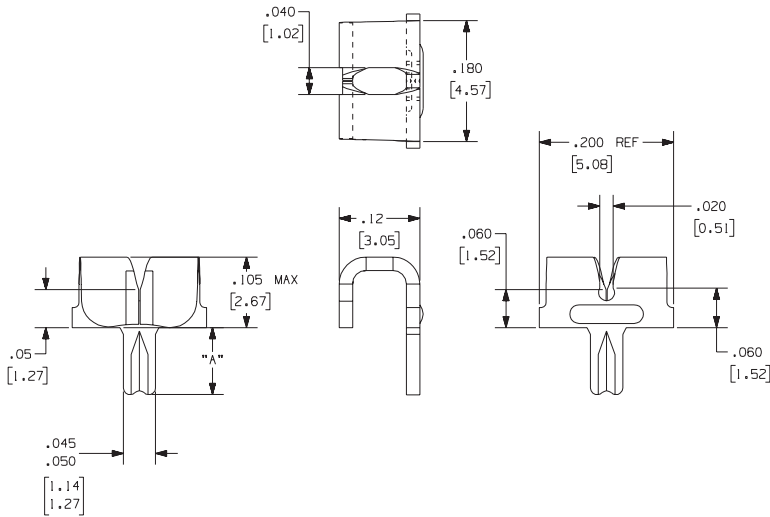
Insulation is cut with wire insertion, eliminating pre-stripping.



Continuous clamping provides a gas-tight interconnection.

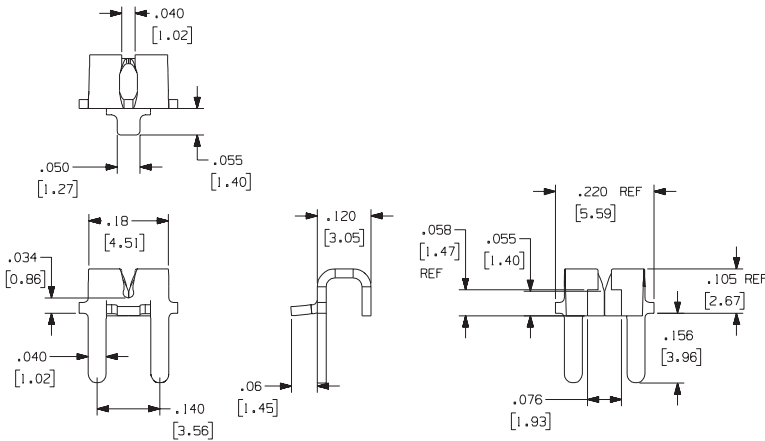
Zierick's family of **Torsion-Lok™** IDC's are available in loose and reeled formats for #30 through #14 AWG solid or stranded wire sizes. PCB and wire assembly can be done manually with Zierick hand tools and fixtures or automatically with Zierick semi- and fully-automated applicator systems.

**Part Numbers 1182, 1183, 6183**

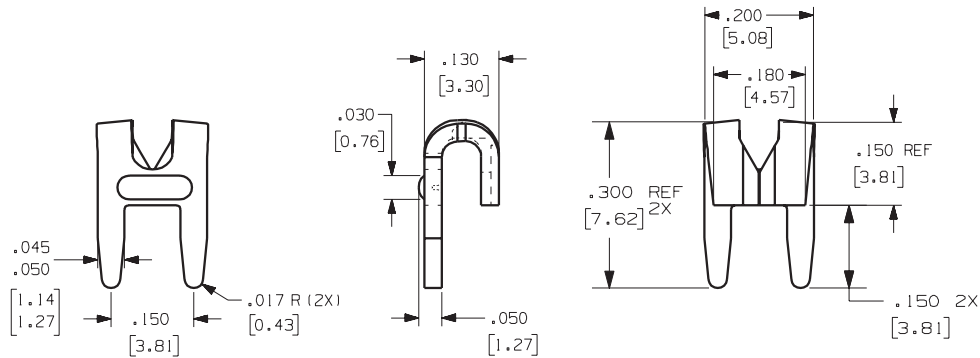


<b>Loose Part No.</b>	1182	1183
<b>Reeled Part No.</b>		6183
<b>Mounting Type</b>	Split Leg Splay for 0.031" (0.79mm) thick PCB	Split Leg Splay for 0.062" (1.57mm) thick PCB
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass	
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper	
<b>Wire Gauge Range</b>	#30-26 AWG	
<b>Mounting Hole Diameter</b>	Single Hole 0.055" ±0.003" (1.40mm ±0.076mm)	
<b>Current Rating</b>	10 Amperes	
<b>"A" Dim</b>	0.070" (1.78mm)	0.100" (2.54mm)
<b>Applicator System</b>	Loose: WTP-4ALL Reeled: Model 9700, 9700 XY Wire Termination: Consult factory.	

**Part Number 6114**



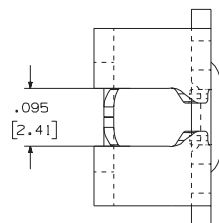
<b>Loose Part No.</b>	N/A
<b>Reeled Part No.</b>	6114
<b>Mounting Type</b>	Outward or Inward Splay Surface Mount Solder 0.062" (1.57mm) thick PCB
<b>Material Thickness / Type</b>	0.020" (0.51mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Wire Gauge Range</b>	#30-26 AWG
<b>Mounting Hole Diameter</b>	2 holes 0.050" ±0.003" (1.27mm ±0.076mm) on 0.140" (3.56mm) centers
<b>Current Rating</b>	10 Amperes
<b>Applicator System</b>	Loose: ZPT-1114 Reeled: Model 9700, 9700 XY Wire Termination: Consult factory.



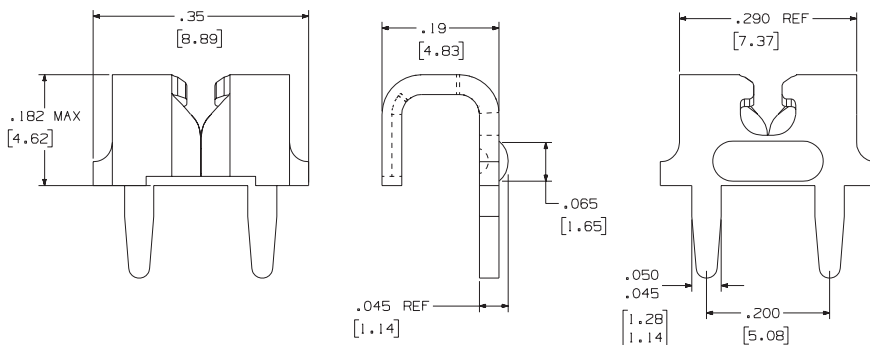
## Part Numbers 1119, 6119

<b>Loose Part No.</b>	1119
<b>Reeled Part No.</b>	6119
<b>Mounting Type</b>	Outward or Inward Splay 0.062" (1.57mm) thick PCB
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Wire Gauge Range</b>	#24-18 AWG
<b>Mounting Hole Diameter</b>	2 holes 0.058" ±0.003" (1.47mm ±0.076) on 0.150" (3.81mm) centers
<b>Current Rating</b>	30 Amperes
<b>Applicator System</b>	Loose: WTP-4ALL Reeled: Model 9700, 9700 XY Wire Termination: Consult factory.

## Part Number 1039

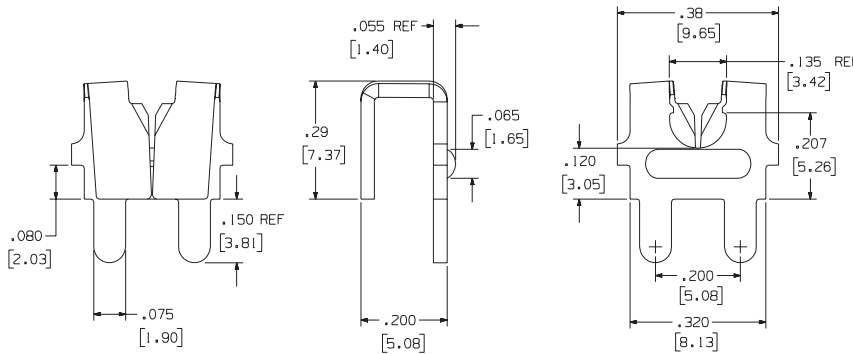


<b>Loose Part No.</b>	1039
<b>Reeled Part No.</b>	N/A
<b>Mounting Type</b>	Outward or Inward Splay 0.062" (1.57mm) thick PCB
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Wire Gauge Range</b>	#24-18 AWG
<b>Mounting Hole Diameter</b>	2 holes 0.058" ±0.003" (1.47mm ±0.076) on 0.200" (5.08mm) centers
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	Loose: WTP-4ALL Reeled: Model 9700, 9700 XY Wire Termination: Consult factory.



**Part Numbers 1174, 6174**

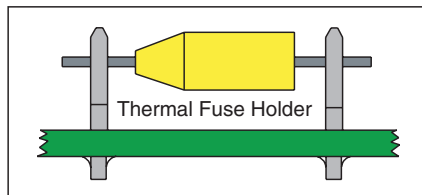
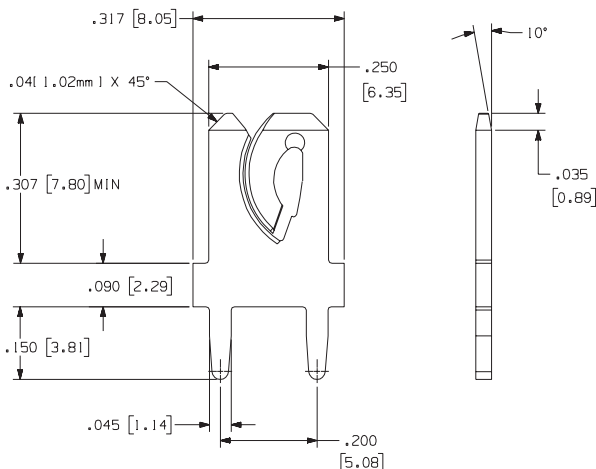
<b>Loose Part No.</b>	1174
<b>Reeled Part No.</b>	6174
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Wire Gauge Range</b>	#16-14 AWG
<b>Mounting Hole Diameter</b>	2 holes 0.080" ±0.003" (2.03mm ±0.076mm) on 0.200" (5.08mm) centers
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	Loose: WTW-1174 Reeled: Model 9700, 9700 XY Wire Termination Tool: WTPPL-1174-1



**IDC / Quick Disconnect Tab For #24-18 AWG Wire**

**Part Numbers 1185, 6185**

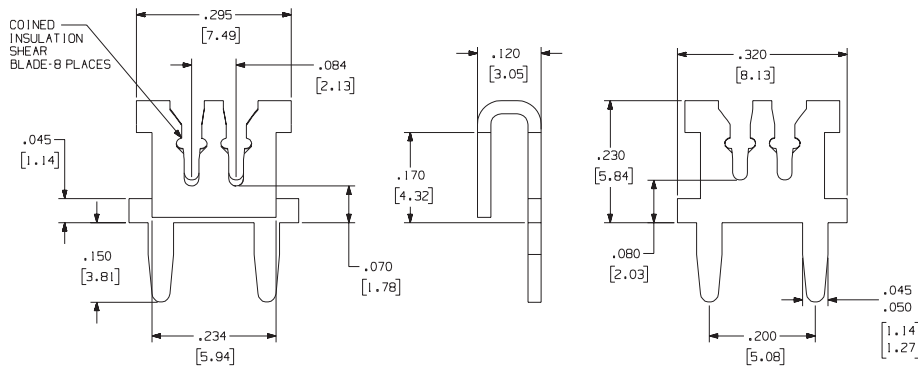
<b>Loose Part No.</b>	1185
<b>Reeled Part No.</b>	6185
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Wire Gauge Range</b>	#24-18 AWG
<b>Mounting Hole Diameter</b>	2 x .058" ±0.003" (1.47mm ±0.076) holes on 0.20" (5.08mm) centers
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	Loose: WTP-4ALL Reeled: Model 9700, 9700 XY Wire Termination: Consult factory.





**Part Number 6072**

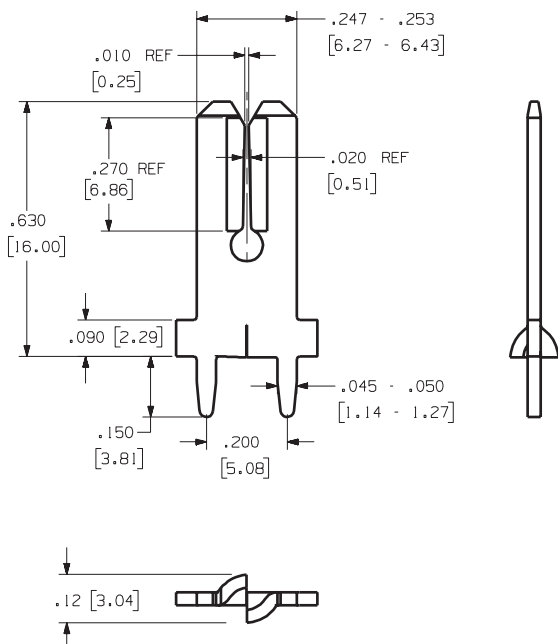
<b>Loose Part No.</b>	N/A
<b>Reeled Part No.</b>	6072
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.025" (0.64mm) Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Wire Gauge Range</b>	#19-18 AWG Magnet Wire
<b>Mounting Hole Diameter</b>	2 holes 0.058" ±0.003" (1.47mm ±0.076mm) on 0.200" (5.08mm) centers
<b>Current Rating</b>	15 Amperes
<b>Applicator System</b>	Reeled: Model 9700, 9700 XY Wire Termination: Consult factory.



**0.025" (6.35mm) Tab / IDC**

**Part Number 6205**

<b>Loose Part No.</b>	N/A
<b>Reeled Part No.</b>	6205
<b>Mounting Type</b>	Outward or Inward Splay
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	100% Tin over Copper
<b>Wire Gauge Range</b>	#19-18 AWG Magnet Wire
<b>Mounting Hole Diameter</b>	0.058" ±0.003" (1.47mm ±0.076mm)
<b>Current Rating</b>	20 Amperes
<b>Applicator System</b>	Model 9700, 9700 XY



**Manual and Semi-Automatic  
IDC Wire Insertion Tools**

Zierick offers a variety of wire insertion tools for wire-to-IDC connections. These include wire insertion hand tools for limited volume applications, and pneumatic hand tools for faster and easier connections for higher volumes.

*The "XXXX" in the names of the Tools stands for the part numbers they are inserting.*



**WTCP-XXXX**



**WTW-XXXX**



**WTPPS-XXXX**

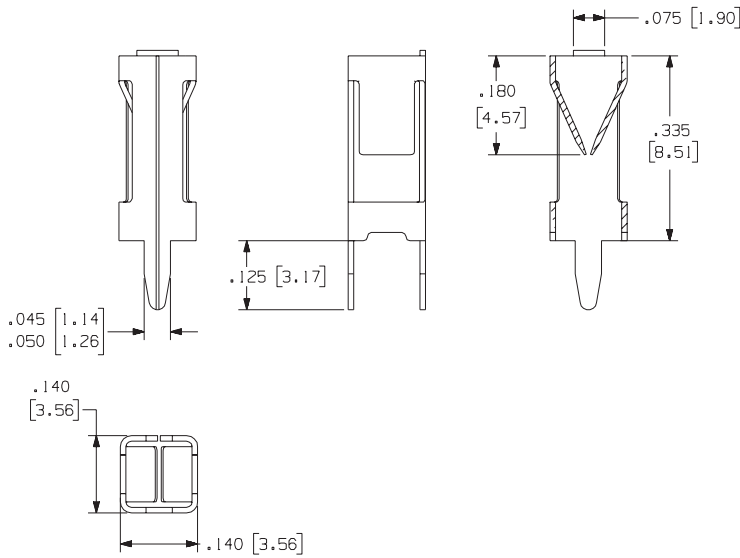


**WTP-4ALL**



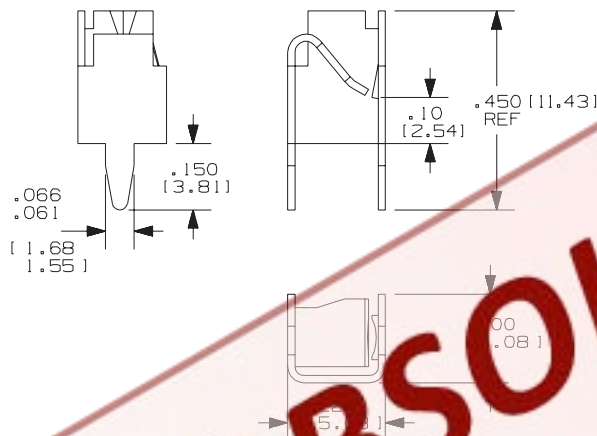
**WTPPL-XXXX**

**Part Numbers 1187, 6187**



<b>Loose Part No.</b>	1187
<b>Reeled Part No.</b>	6187
<b>Mating Wire Size</b>	#20-#14 AWG
<b>Mounting Type</b>	Outward Splay
<b>Material Thickness / Type</b>	0.010" (0.25mm) Phosphor Bronze
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mating Type</b>	Vertical
<b>Mating Entry</b>	Top
<b>Mounting Hole Diameter</b>	2 holes 0.050" ±0.003" (3.81mm ±0.076mm) on 0.130" ±0.003" (3.302mm ±0.076mm) centers
<b>Current Rating</b>	10 Amperes
<b>Resistance Rating</b>	10mOhm Max
<b>Temperature Rating</b>	-65° to 105°C
<b>Insertion Force-Max.</b>	Application Dependent / Submit Mating Terminal Sample to Factory
<b>Withdrawal Force-Max.</b>	Application Dependent / Submit Mating Terminal Sample to Factory
<b>Applicator System</b>	Loose: Consult factory Reeled: Model 9700, 9700 XY

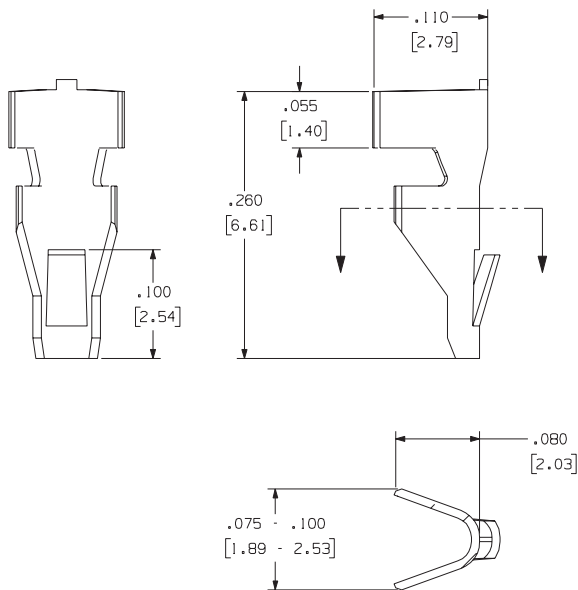
**Part Numbers 1176, 6176**



<b>Loose Part No.</b>	1176
<b>Reeled Part No.</b>	6176
<b>Mating Wire Size</b>	#14-#16 AWG
<b>Mounting Type</b>	Outward Splay
<b>Material Thickness / Type</b>	.016" (0.41mm) C26000 Brass
<b>Standard Finish</b>	Loose: 100% Tin over Copper Reeled: 100% Tin over Copper
<b>Mating Type</b>	Vertical
<b>Mating Entry</b>	Top
<b>Mounting Hole Diameter</b>	2 holes 0.072" ±0.003" (1.83mm ±0.076mm) on 0.200" ±0.003" (5.08mm ±0.076mm) centers
<b>Current Rating</b>	10 Amperes
<b>Resistance Rating</b>	10mOhm Max
<b>Temperature Rating</b>	-65° to 75°C
<b>Insertion Force-Max.</b>	Application Dependent / Submit Mating Terminal Sample to Factory
<b>Withdrawal Force-Max.</b>	Application Dependent / Submit Mating Terminal Sample to Factory
<b>Applicator System</b>	Loose: Consult factory Reeled: Model 9700, 9700 XY

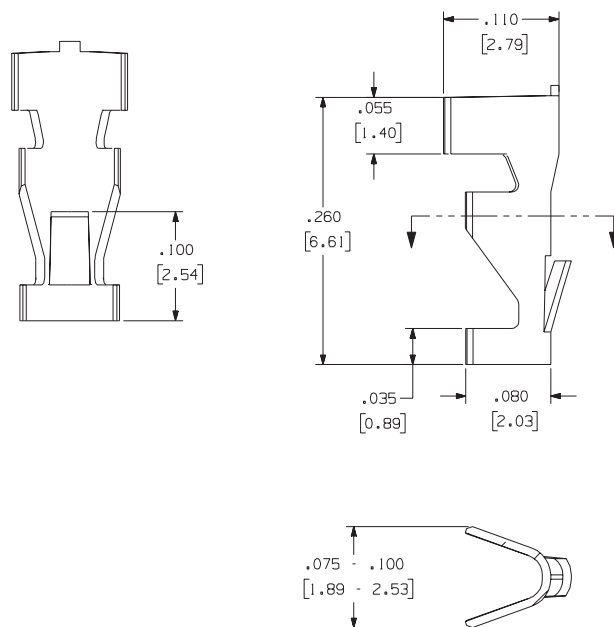
OBSOLETE

**Part Number 5044**



<b>Loose Part No.</b>	5044
<b>Material Thickness / Type</b>	.020 C26000 Brass
<b>Finish Code</b>	Pre-Finished 100% Hot Tin Dip (consult factory for thickness). Material edges will be bare.
<b>Wire Range</b>	22-18 AWG
<b>Mounting Hole Diameter</b>	0.073" (1.85mm)
<b>Applicator System</b>	Model 4000

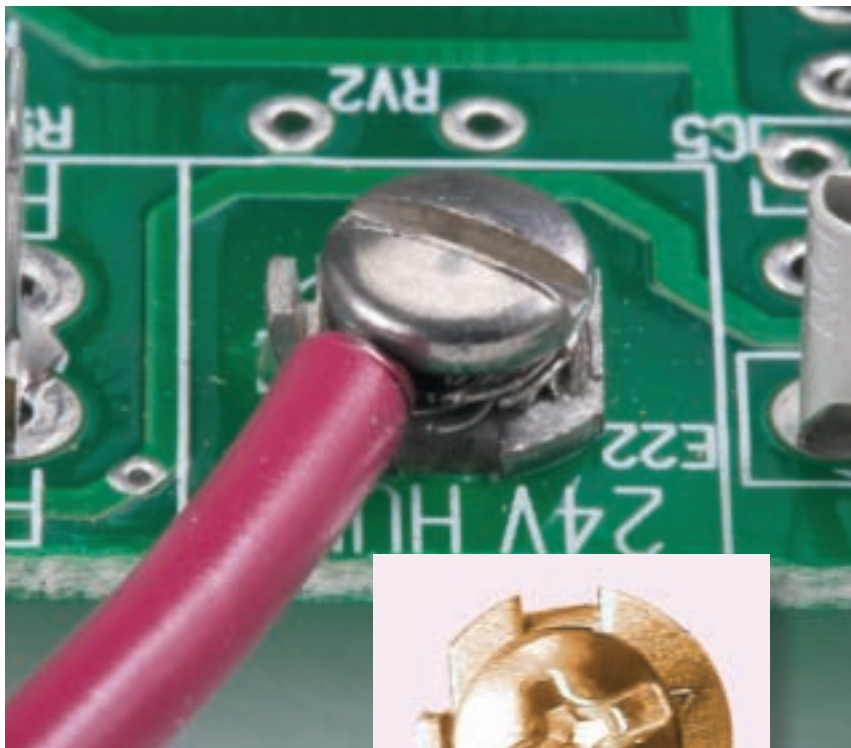
**Part Number 5088**



<b>Loose Part No.</b>	5088
<b>Material Thickness / Type</b>	.020 C26000 Brass
<b>Finish Code</b>	Pre-Finished 100% Hot Tin Dip (consult factory for thickness). Material edges will be bare.
<b>Wire Range</b>	22-18 AWG
<b>Mounting Hole Diameter</b>	0.073" (1.85mm)
<b>Applicator System</b>	Model 4000

**Features and Benefits**

- Zierick screw terminals allow reliable attachment of discrete lead wires to printed circuit boards.
- They are an alternative to expensive PCB mountable terminal strips and barrier blocks.
- Our screw terminals provide a solid gas-tight connection with improved vibration resistance and minimal long-term stress relaxation.
- They are available in seven basic configurations, and are acceptable for most common wire gauges.
- Available with or without screws, they can be staked or unstaked, turned-down or backed-out.
- They may be ordered in a variety of thread and screw sizes, in addition to our Combination Head Screw.
- They are assembled with solder-resistant 100% stainless steel screws or custom screws if required.
- They are plated with tin overplate and copper underplate for improved solderability.
- Zierick's new Combination Head Screw allows the use of either slot or Phillips head screwdrivers. It is currently available for PN 934 ST.SC. Consult the factory for information on availability of this product.

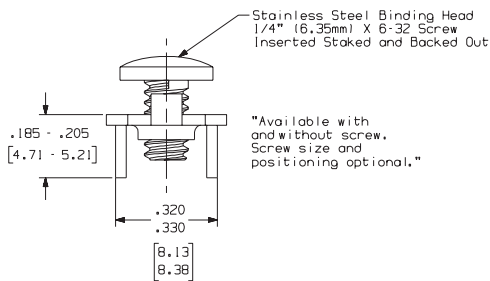
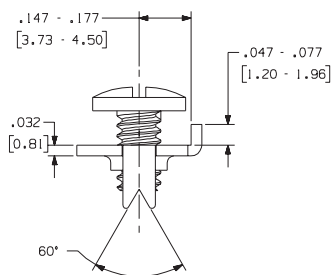
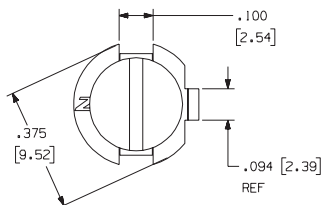


Combination Head Screw  
Part Number 934 ST.SC

**Part Numbers 731, 934 ST.S, 934 ST.SC**

Loose Part No.	731	934 ST.S	934 ST.SC
Material Thickness / Type	0.032" (0.81mm) Brass		
Standard Finish	100% Tin over Copper		
Screw Type	No Screw	Stainless Steel Binding Head 1/4" (6.35) x 6-32	
Screw Position	No Screw	Inserted, Staked & Backed out	
Current Rating	30 Amperes		

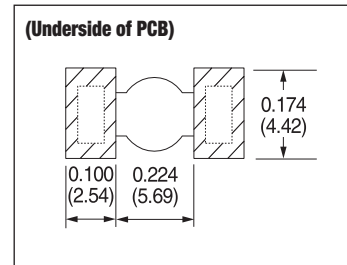
ST.S stands for Stainless Steel Screw. ST.SC stands for Stainless Steel Screw with a Combination Head which can be turned with either a slot head or Phillips screwdriver.



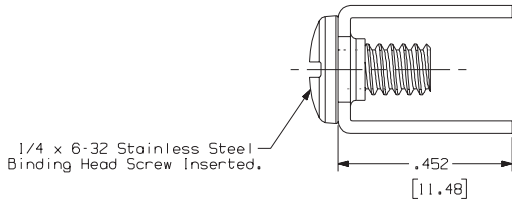
Stainless Steel Binding Head  
1/4" (6.35mm) X 6-32 Screw  
Inserted Staked and Backed Out

"Available with and without screw. Screw size and positioning optional."

**Recommended Pad Geometry**

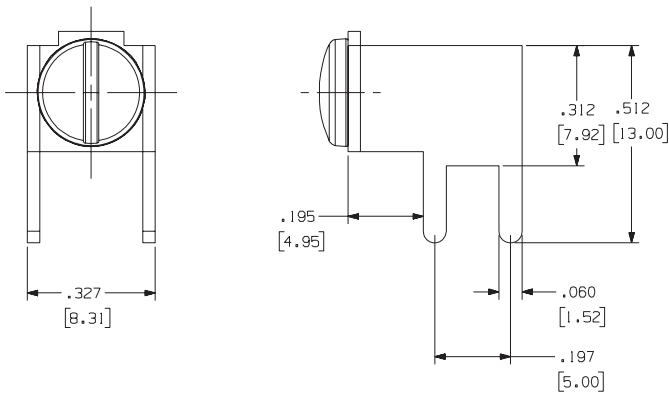
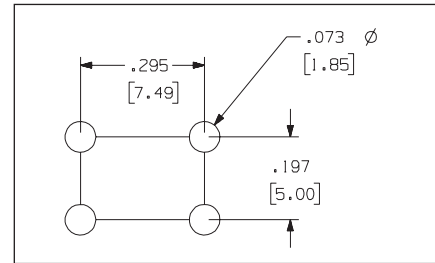


**Part Numbers 1117 ST.S,  
1117, 1116 ST.S, 1202**



<b>Loose Part No.</b>	1117 ST.S	1117	1116 ST.S	1202
<b>Material Thickness / Type</b>	0.032" (0.81mm) C26000 Brass			
<b>Standard Finish</b>	Pre-Tinned Brass			
<b>Screw Type</b>	Stainless Steel Binding Head 1/4" (6.35mm) x 6-32	No Screw	Stainless Steel Binding Head 1/4" (6.35mm) x 6-32	Stainless Steel Binding Head 1/4" (6.35mm) x 6-32
<b>Screw Position</b>	Inserted & Down	N/A	Inserted & Down	Inserted, Staked & Backed Out
<b>Wire Stop</b>	No		Yes	
<b>Current Rating</b>	30 Amperes			

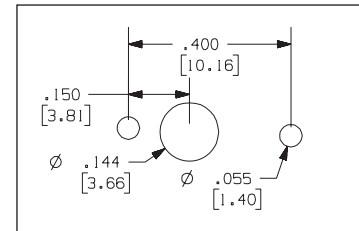
**Typical PCB Mounting Hole Configuration**



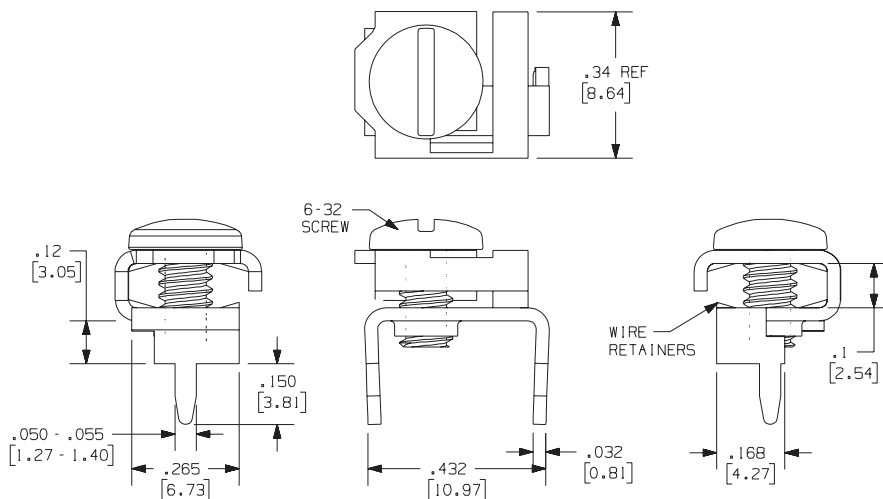
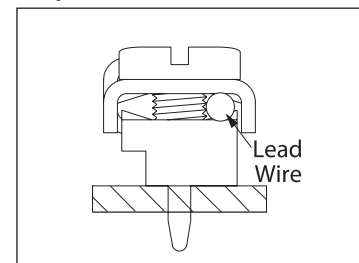
**Part Number 1030**

<b>Loose Part No.</b>	1030
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass
<b>Screw Type</b>	Stainless Steel Binding Head 5/16" (7.92mm) x 6-32
<b>Screw Position</b>	Down until just touching surface of part
<b>Standard Finish</b>	100% Tin over Copper
<b>Current Rating</b>	30 Amperes

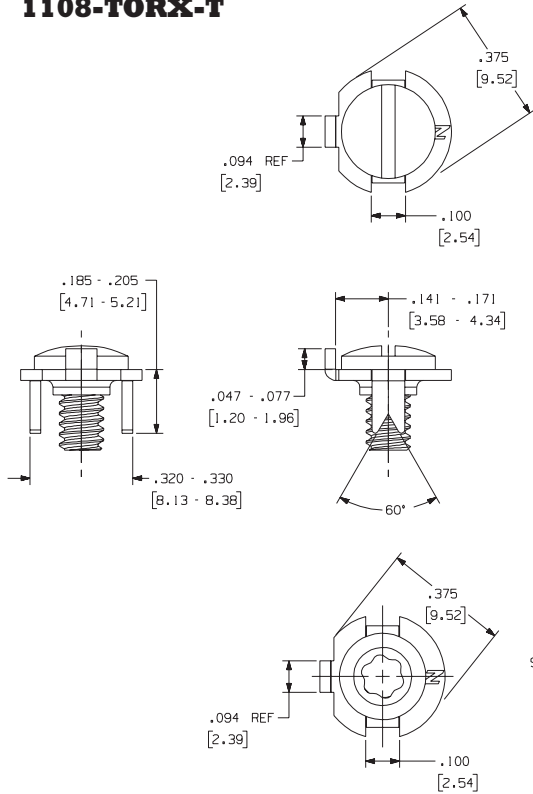
**Typical PCB Mounting Hole Configuration**



**Clamp Down Condition**



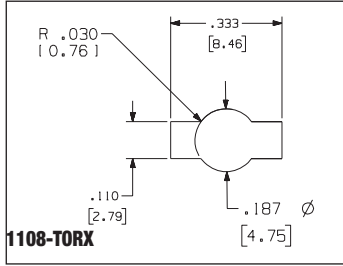
**Part Numbers 1108,  
1108-GRSC, 1108-TORX,  
1108-TORX-T**



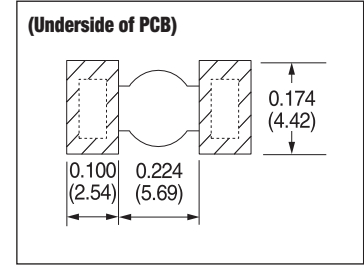
<b>Loose Part No.</b>	1108	1108-GRSC	1108-TORX	1108-TORX-T
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass			
<b>Standard Finish</b>	Matte Tin			
<b>Screw Type</b>	Stainless Steel Binding Head 1/4" (6.35mm) X 6-32	1/4" (6.35mm) x 6-32 Torx Head Screw		
<b>Screw Position</b>	Inserted, Staked and Down			
<b>Current Rating</b>	30 Amperes			

GRSC is a green screw which indicates it is a grounding screw, and TORX is a screw which requires a Torx screwdriver to be turned.

**Typical PCB Mounting Configuration**



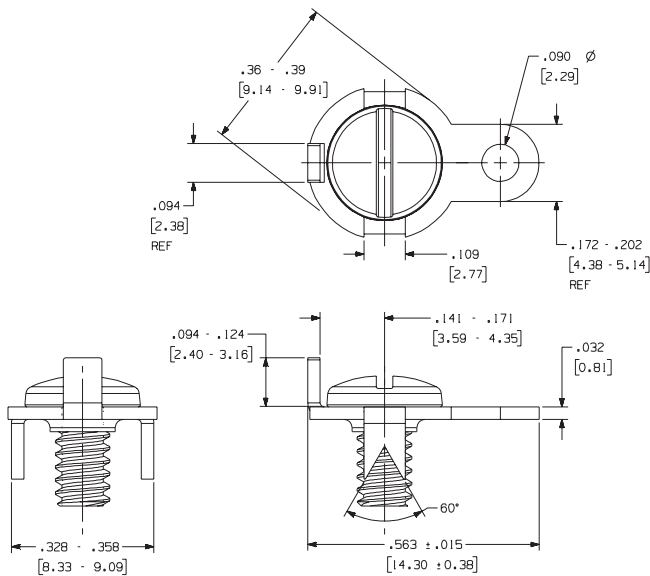
**Recommended Pad Geometry**



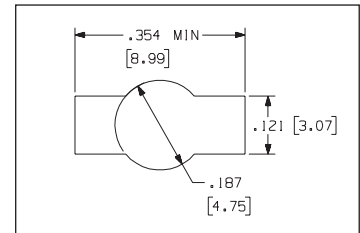
\*Available with and without screw. Screw size and positioning optional.\*

**Part Numbers 792, 348**

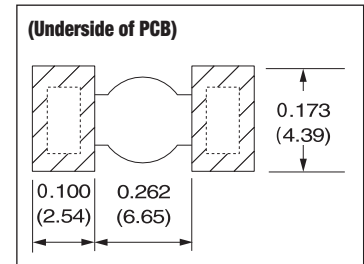
<b>Loose Part No.</b>	792	348
<b>Material Thickness Type</b>	0.032" (0.81mm) Brass	
<b>Standard Finish</b>	100% Tin over Copper	
<b>Screw Type</b>	No Screw	Tin Plated Brass Binding Head 5/16" (7.94mm) x 6-32
<b>Screw Position</b>	No Screw	Down, No Stake
<b>Current Rating</b>	30 Amperes	



**Typical Mounting Configuration**

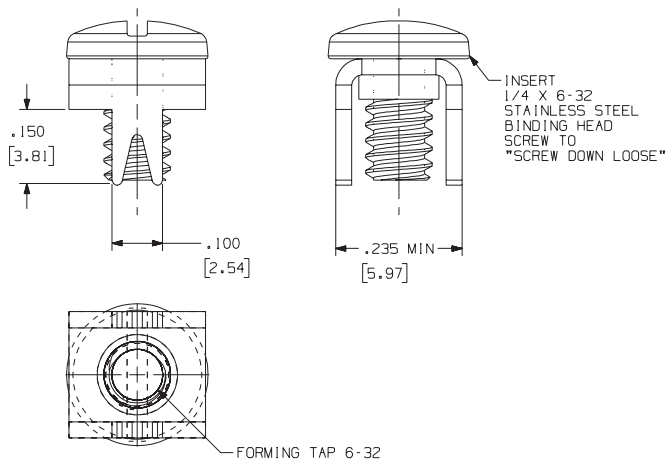


**Recommended Pad Geometry**

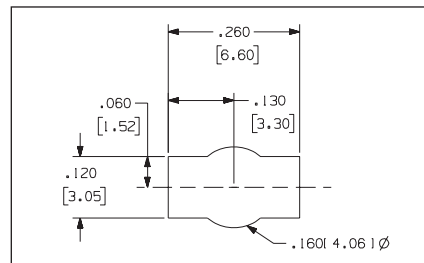


**Part Number 1158 ST.S**

<b>Loose Part No.</b>	1158 ST.S
<b>Material Thickness Type</b>	0.032" (0.81mm) Brass
<b>Standard Finish</b>	100% Tin over Copper
<b>Screw Type</b>	Stainless Steel Binding Head 0.250" (6.35mm) x 6-32
<b>Screw Position</b>	Down, No Stake
<b>Current Rating</b>	30 Amperes

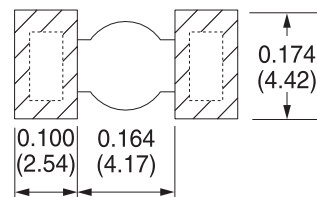


**Typical PCB Mounting Detail**



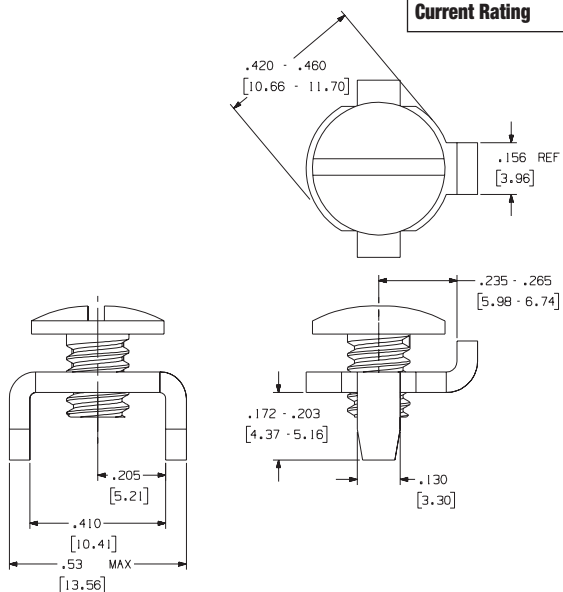
**Recommended Pad Geometry**

**(Underside of PCB)**

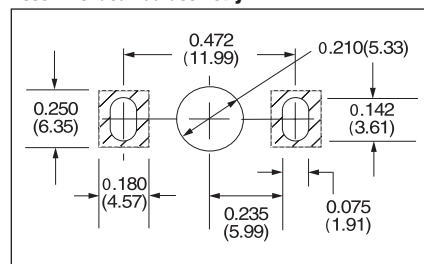


**Part Numbers 928, 928-No Screw, 928-No Stake**

<b>Loose Part No.</b>	928	928-No Screw	928-No Stake
<b>Material Thickness / Type</b>	0.062" (1.57mm) Brass		
<b>Standard Finish</b>	100% Tin over Copper		
<b>Screw Type</b>	Stainless Steel Binding Head 1/4" (6.35mm) x 10-32	No Screw	Stainless Steel Binding Head 1/4" (6.35mm) x 10-32
<b>Screw Position</b>	Inserted, Staked and Backed-Out	No Screw	Inserted and Down
<b>Current Rating</b>	30 Amperes		



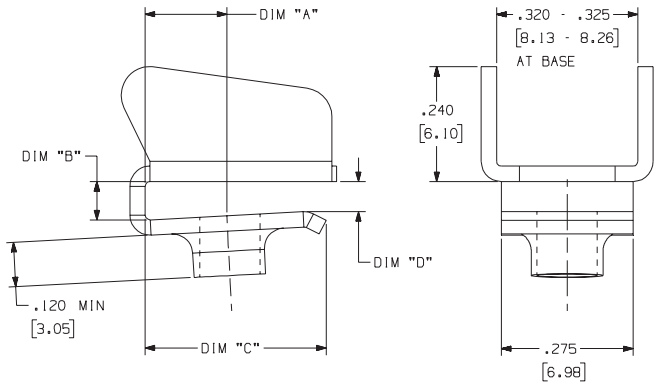
**Typical PCB Mounting Configuration and Recommended Pad Geometry**



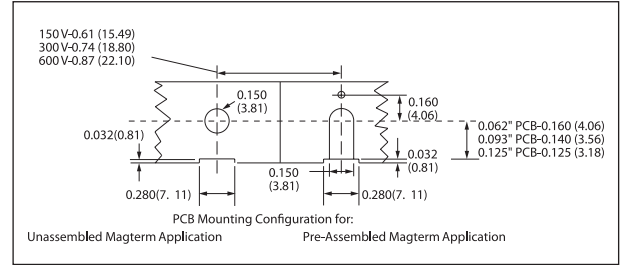


**Part Numbers M6111, M6112**

<b>Loose Part No.</b>	M6111	M6112
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass	
<b>Standard Finish</b>	100% Matte Tin	
<b>Screw Specifications</b>	No Screw	
<b>Current Rating</b>	30 Amperes	
<b>Dim 'A'</b>	0.160" (4.06mm)	0.145" (3.68mm)
<b>Dim 'B'</b>	0.070"/0.075" (1.78mm/1.91mm)	0.102"/0.107" (2.59mm/2.72mm)
<b>Dim 'C'</b>	0.380" (9.65mm)	0.365" (9.27mm)
<b>Dim 'D'</b>	0.048"/0.058" (1.22mm/1.47mm)	0.081"/0.091" (2.06mm/2.31mm)

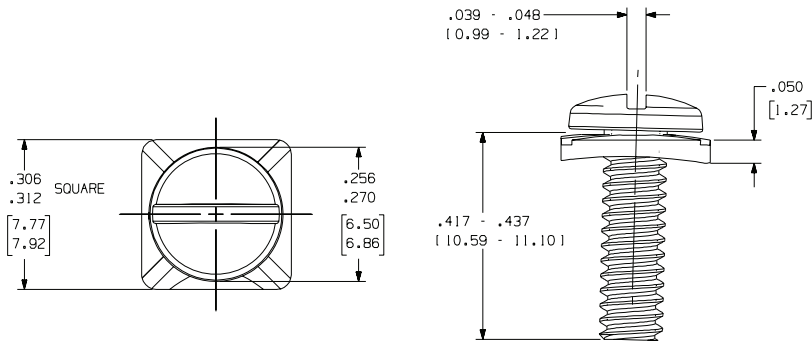


**Typical PCB Mounting Configuration**



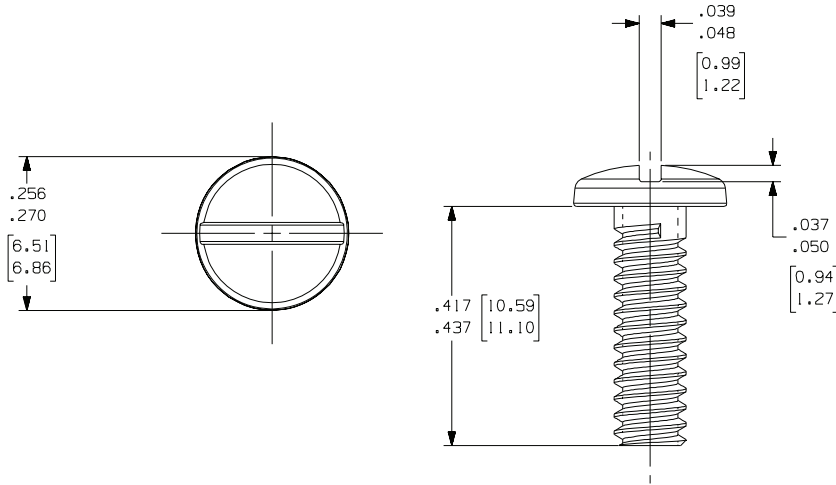
**Part Number 7/16 SEMS SCREW**

<b>Loose Part No.</b>	7/16 SEMS SCREW
<b>Material Type</b>	Steel
<b>Standard Finish</b>	Zinc
<b>Current Rating</b>	30 Amperes



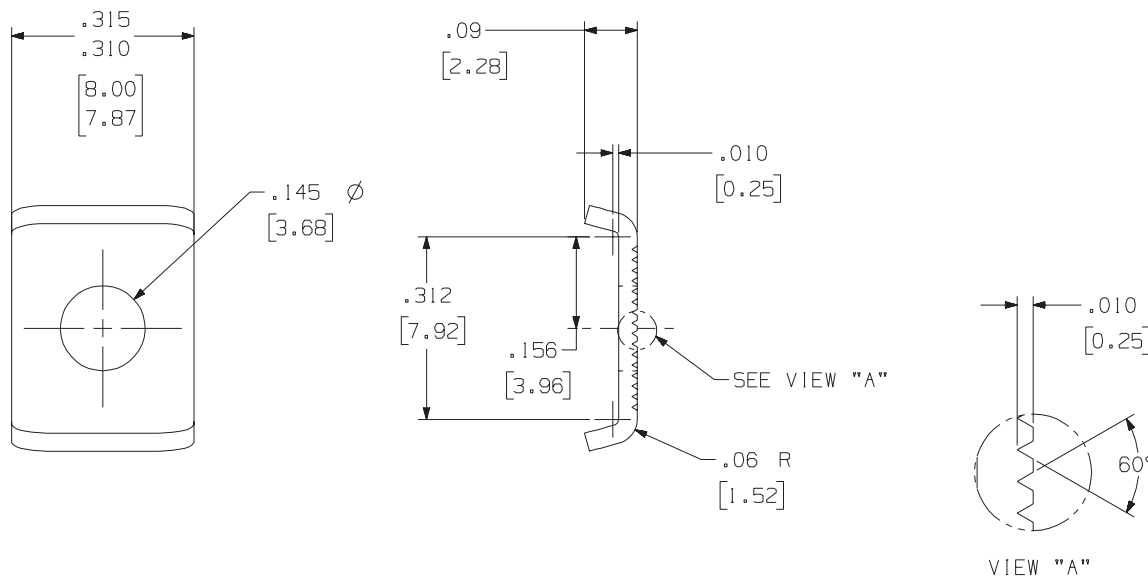
**Part Number**  
**7/16 632 BET SCREW**

<b>Loose Part No.</b>	7/16 632 BET SCREW
<b>Material Type</b>	Brass
<b>Standard Finish</b>	100% Matte Tin
<b>Current Rating</b>	30 Amperes



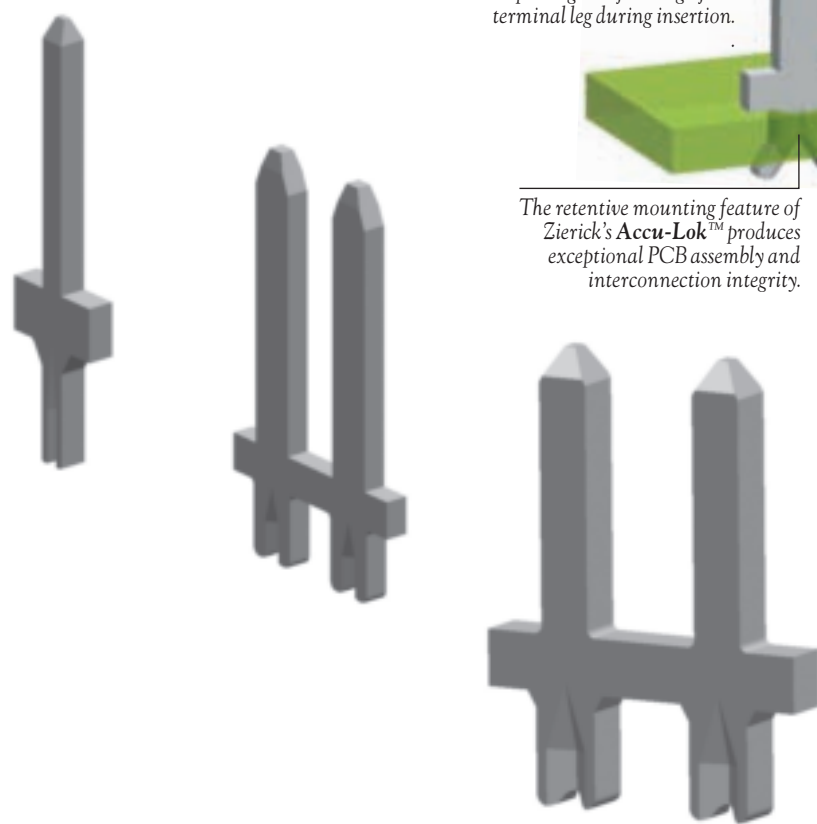
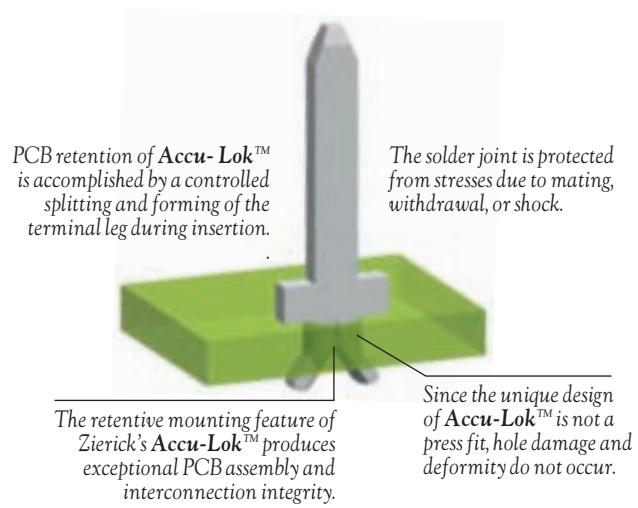
**Part Number CPB 9030**

<b>Loose Part No.</b>	CPB 9030
<b>Material Type</b>	Brass
<b>Standard Finish</b>	100% Matte Tin
<b>Current Rating</b>	30 Amperes



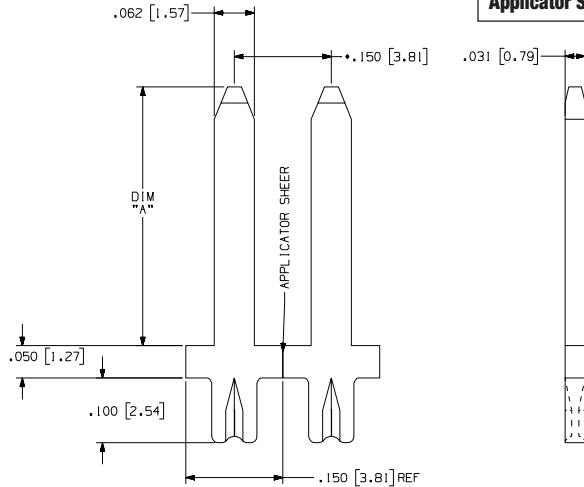
**Features and Benefits**

- **Accu-Post™** terminals feature a unique mounting design that improves PCB quality and reduces instances of solder joint fractures, and loose or misaligned posts.
- This **Accu-Lok™** mounting assures superior retentive strength, perpendicularity and solder joint integrity.
- Retention is accomplished by a controlled splitting and forming of the terminal leg.
- **Accu-Lok™** mounting permits the use of mounting holes with a diameter tolerance of  $\pm 0.003"$  ( $\pm 0.076\text{mm}$ ).
- Forces due to mating, withdrawal, vibration, shock, or temperature cycles are not transferred to the PCB solder joint.
- Since the unique design of **Accu-Lok™** is not a press fit, hole damage and deformity do not occur.

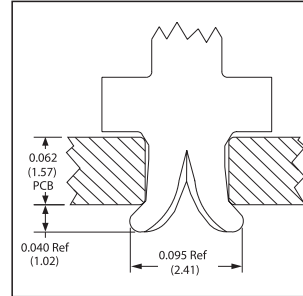


**Part Number 6073-xxx**

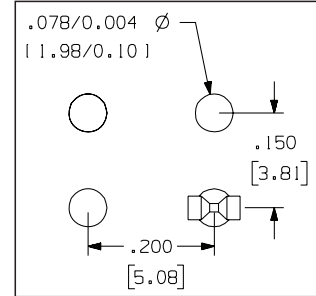
<b>Loose Part No.</b>	6073-300	6073-400	6073-490	6073-615	6073-xxx-xxx
<b>Dimension 'A'</b>	0.350" (8.89mm)	0.400" (10.16mm)	0.490" (12.45mm)	0.615" (15.62mm)	Customer Req.
<b>Mounting Type</b>	Split Leg Splay				
<b>Material Thickness / Type</b>	0.032" (0.81mm) Brass				
<b>Standard Finish</b>	100% Tin over Copper				
<b>Mounting Hole Diameter</b>	0.078" (1.98mm)				
<b>Current Rating</b>	10 Amperes				
<b>Applicator System</b>	Model 9700, 9700 XY				



**Typical Accu-Lok™ Mounting**



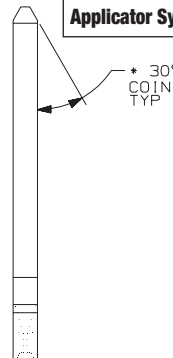
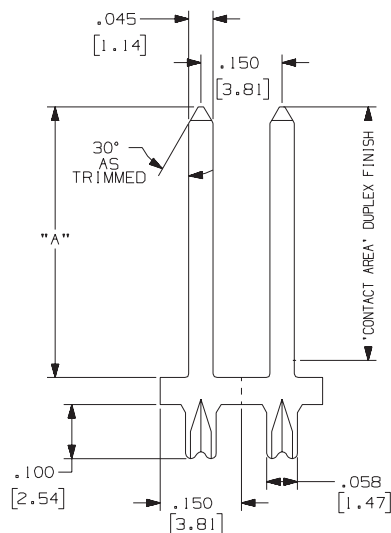
**Typical PCB Grid Geometry**



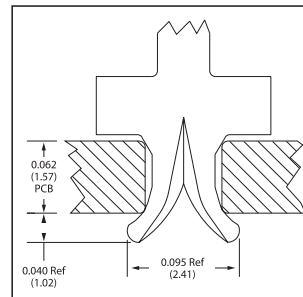
**0.045" (1.14mm) Square**

**Part Number 6075-xxx**

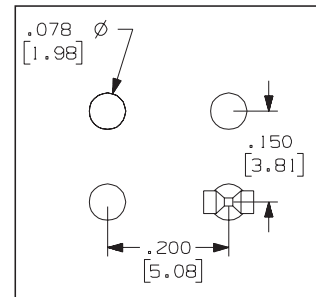
<b>Loose Part No.</b>	6075-250	6075-312	6075-450	6075-500	6075-575	6075-650	6075-750	6075-930
<b>Dimension 'A'</b>	0.250" (6.35 mm)	0.312" (7.92 mm)	0.450" (11.43 mm)	0.500" (12.70 mm)	0.575" (14.61 mm)	0.650" (16.51 mm)	0.750" (19.05 mm)	0.930" (23.62 mm)
<b>Mounting Type</b>	Split Leg Splay							
<b>Material Thickness / Type</b>	0.045" (1.14mm) Brass							
<b>Standard Finish</b>	100% Tin over Copper							
<b>Mounting Hole Diameter</b>	0.072" (1.83mm)							
<b>Current Rating</b>	10 Amperes							
<b>Applicator System</b>	Model 9700, 9700 XY							



**Typical Accu-Lok™ Mounting**

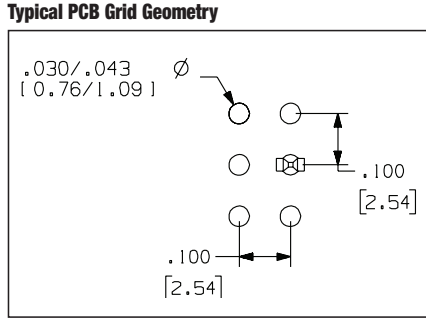
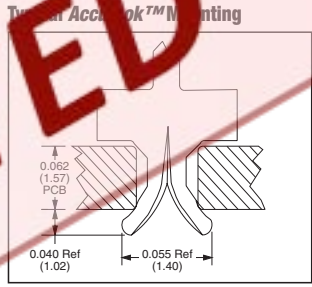
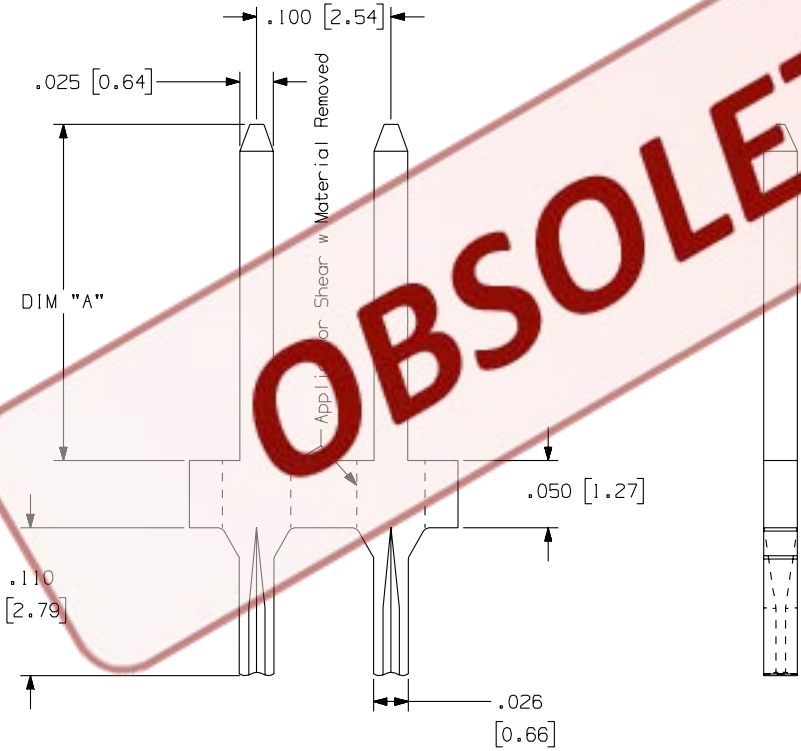


**Typical PCB Grid Geometry**



**Part Number 6143-xxx**

<b>Loose Part No.</b>	6143-250	6143-xxx
<b>Dimension 'A'</b>	0.250"	Customer Reqmt.
<b>Mounting Type</b>	Split Leg Splay	
<b>Material Thickness / Type</b>	0.025" (0.64mm) C26000 Brass	
<b>Standard Finish</b>	100% Tin over Copper	
<b>Mounting Hole Diameter</b>	0.030"/0.043" (0.76mm/1.09mm)	
<b>Current Rating</b>	8 Amperes	



OBSOLETE