

Features:

- Multiple finger contact on all sockets assures maximum reliability.
- Tapered entry for ease of insertion.
- Closed bottom sleeve for 100% anti-wicking of solder.
- To fit .100/(2.54mm) pitch.
- Easily customized to fit your application.

Specifications:

Terminals:

Brass - Copper Alloy
(C36000) ASTM-B-16

Contacts:

Beryllium Copper - Copper Alloy
(C17200) ASTM-B-194

Solder Preform:

Standard: 63Sn/37Pb
Lead-free: 95.5Sn/4.0Ag/0.5Cu

Plating:

G - Gold over Nickel
M - Matte Tin over Nickel
T - Tin/Lead over Nickel

Gold per ASTM-B-488
Matte Tin per ASTM545-97
Tin/Lead per MIL-P-81728
Nickel per QQ-N-290

Table of Models

| | | |
|--|---|--|
| | <p>Description: Closed Frame Socket (RDS) Mat'l: High Temp. Liquid Crystal Polymer (LCP) Index: -40°C to 260°C (-40°F to 500°F)</p> | |
| | <p>Description: Open Frame Socket (RLS) Mat'l: High Temp. Liquid Crystal Polymer (LCP) Index: -40°C to 260°C (-40°F to 500°F)</p> | <p>*.100/(2.54) for 48 and 60 pos.</p> |
| | <p>Description: Peel-A-Way® Socket (KS) Material: Polyimide Film Index: -269°C to 400°C (-452°F to 752°F)</p> <p>For more information, refer to the Peel-A-Way® DIP Sockets pages (30-31).</p> | |

RDS replaces DS and HDS.
RLS replaces LS and HLS.

Options



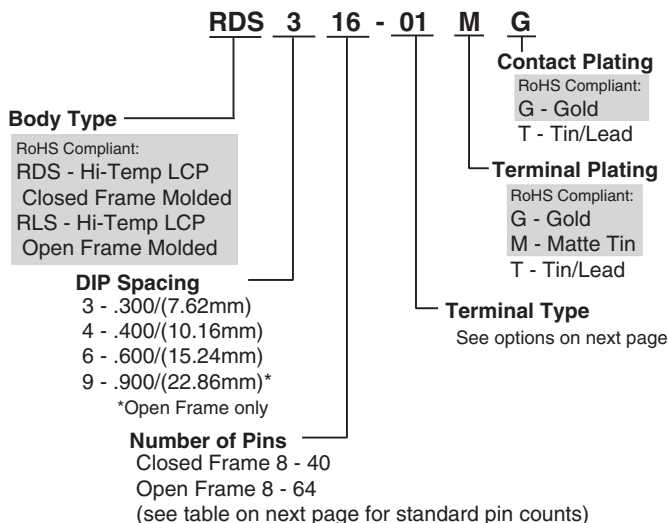
Tape Seal - add 3M to end of part number

- Removable tape seal protects plated contact in harsh environments
- Sealed socket will not allow dirt and other contaminants to enter socket chamber and become entrapped behind contact fingers
- Spray flux without contaminating contact area

Material

Silicone Backed Polyimide Film, -74°C to 260°C (-100°F to 500°F)
Intermittent to 371°C (700°F)

How To Order



Note: Terminals plated with Matte Tin are available only with Gold plated contacts.
Quick-Turn delivery is not available on products with Matte Tin plating.

Products shown covered by patents issued and/or pending. Specifications subject to change without notice.

inch/(mm)



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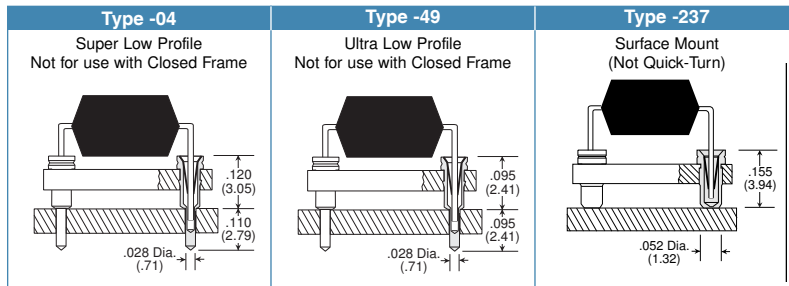
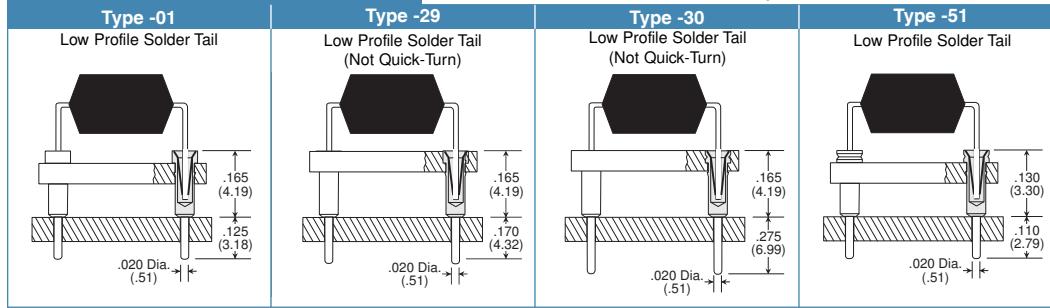
Molded DIP Sockets

Closed Frame and Open Frame

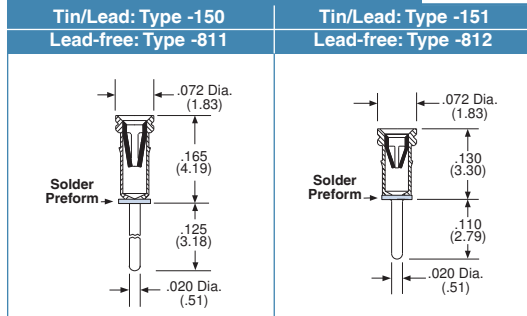


Additional standard and custom terminals available.
See Terminals section or consult factory.

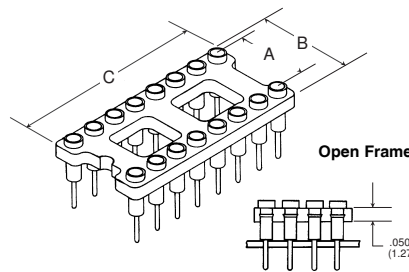
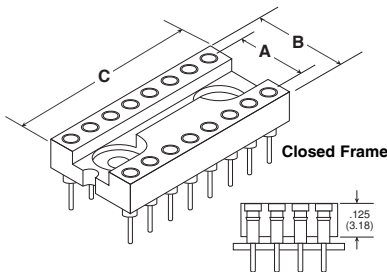
Standard Quick-Turn Terminals



Solder Preform Terminals



Dimensional Information



| # of Pins | A | B | C |
|-----------|----------------|-----------------|------------------|
| 8 | .300 (7.62) | .400 (10.16) | .400 (10.16) |
| 14 | .300 (7.62) | .400 (10.16) | .700 (17.78) |
| 16 | .300 (7.62) | .400 (10.16) | .800 (20.32) |
| 18 | .300 (7.62) | .400 (10.16) | .900 (22.86) |
| 20 | .300 (7.62) | .400 (10.16) | 1.000 (25.40) |
| 22 | .300 (7.62) | .400 (10.16) | 1.100 (27.94) |
| 24 | .300 (7.62) | .400 (10.16) | 1.200 (30.48) |
| 28 | .300 (7.62) | .400 (10.16) | 1.400 (35.56) |

| # of Pins | A | B | C |
|-----------|-----------------|------------------|------------------|
| 22 | .400 (10.16) | .500 (12.70) | 1.100 (27.54) |
| 24 | .400 (10.16) | .500 (12.70) | 1.200 (30.48) |
| 24 | .600 (15.24) | .700 (17.78) | 1.200 (30.48) |
| 28 | .600 (15.24) | .700 (17.78) | 1.400 (35.56) |
| 32 | .600 (15.24) | .700 (17.78) | 1.600 (40.64) |
| 40 | .600 (15.24) | .700 (17.78) | 2.000 (50.80) |
| 48* | .600 (15.24) | .700 (17.78) | 2.400 (60.96) |
| 64* | .900 (22.86) | 1.000 (25.40) | 3.200 (81.28) |

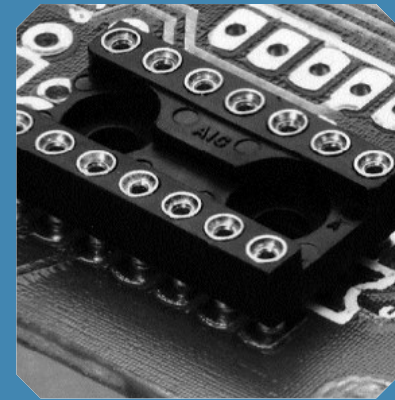
The dimensions in blue are for Open Frame only.

*Socket body thickness is .100/(2.54) for 48 and 64 positions.

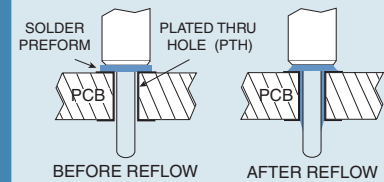
inch/(mm)

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DIP Sockets



Intrusive Reflow Application:



- Combines the labor of socket loading and solder application into one operation.
- Eliminates the use of solder paste and screening operation.
- Eliminates solder bridges and/or solder shorts due to excess solder.
- Ensures a reliable solder joint with controlled solder volume.
- Ideal for surface mount and mixed technology applications.
- For custom solder preform terminal applications consult factory.

Available Online:

- RoHS Qualification Test Report
- CAD Drawings



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