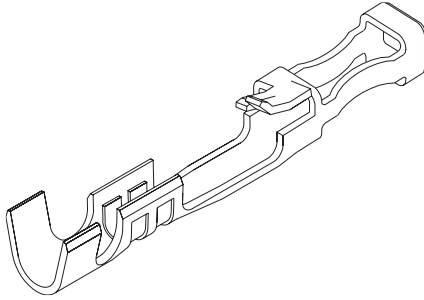


# 2.54mm (.100") Pitch SL™ Terminal

## 71851 Female, High Force Crimp



### Features and Benefits

- Dual beam, fully-enclosed box contact
- Higher mating force than standard crimp terminal
- For use with low current/high vibration applications in small circuit sizes
- Dual tab strain relief
- Locking tang secures terminal in housing

### Reference Information

Product Specification: PS-71851

Packaging: Reel or bag

Mates With: 70021 male crimp terminals,  
70431 and 70475 male connector assemblies  
and 0.64mm (.025") square pins

Use With: 70066 and 70450 housings

Designed In: Inches

### Electrical

Voltage: 250V

Current: 3.0A

Contact Resistance: 15 milliohms max.

Insulation Resistance: 10,000 Megohms min.

### Mechanical

Contact Retention to Housing: 17.79N (4.0 lb) min.

Wire Pull-Out Force: 17.79N (4.0 lb) min.

Mating Force: Tin—12.14N (2.73 lb) max.

Gold—5.07N (1.14 lb)

Unmating Force: Tin—3.60N (.81 lb) min.

Gold—2.36N (.53 lb)

Durability: Tin—25 cycles; Gold—50 cycles

### Physical

Contact: Copper Alloy

Plating: See Table

Operating Temperature: -40 to +105°C

Wire Gauge: 22 to 24 and 24 to 30 AWG

### Not For Use With C-Grid III™ Components

Reel				
Order No.	Plating	Wire Range (AWG) Stranded	Insulation Maximum Outside Diameter	Lead-free
<a href="#">16-02-1111</a>	1	22-24	1.63 (.064)	Yes
<a href="#">16-02-1113</a>		24-30	1.52 (.060)	
<a href="#">16-02-1124</a>		22-24	1.63 (.064)	
<a href="#">16-02-0119</a>	2	24-30	1.52 (.060)	
<a href="#">16-02-1110</a>		22-24	1.63 (.064)	
<a href="#">16-02-1112</a>	3	24-30	1.52 (.060)	

Bag				
Order No.	Plating	Wire Range (AWG) Stranded	Insulation Maximum Outside Diameter	Lead-free
<a href="#">16-02-1115</a>	1	22-24	1.63 (.064)	Yes
<a href="#">16-02-1117</a>		24-30	1.52 (.060)	
<a href="#">16-02-1125</a>		22-24	1.63 (.064)	
<a href="#">16-02-1109</a>	2	24-30	1.52 (.060)	
<a href="#">16-02-1114</a>		22-24	1.63 (.064)	
<a href="#">16-02-1116</a>	3	24-30	1.52 (.060)	

Plating No. 1: 30µm min. Gold in select area over 50µm min. Nickel overall with 75µm Tin

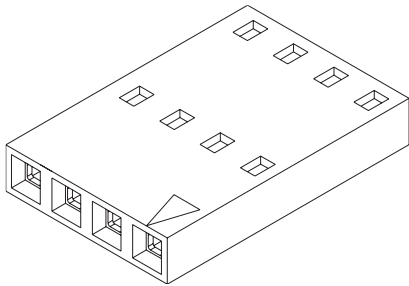
Plating No. 2: 15µm min. Gold in select area over 50µm min. Nickel overall with 75µm min. Tin in select area

Plating No. 3: 150µm Tin over 50µm Nickel overall

Each reel contains 20,000 terminals

# 2.54mm (.100") Pitch SL™ Crimp Housing

## 70066 Single Row Version A, Nonpolarized



### Features and Benefits

- Sizes 2 to 25 circuits
- End-to-end and side-to-side stackable for single or dual row connections to a 2.54mm (.100") pitch grid pin field

### Reference Information

Product Specification: PS-70400

Packaging: Bag

UL File No.: E29179

CSA File No.: LR19980

Mates With: 2.54mm (.100") pitch, single or dual row headers (C-Grid®, SL, KK®)

Use With: 70058 and 71851 crimp terminals

Designed In: Inches

### Physical

Housing: Black polyester, UL 94V-0

Operating Temperature: -40 to +105°C

Delivered on a carrier with 20 pieces per strip.

Actual Size  Universal Polarizing Pin  
40713-1  
Order No. 15-04-0292

### Not For Use With C-Grid III™ Components

Circuits	Order No.
2	<a href="#">50-57-9002</a>
3	<a href="#">50-57-9003</a>
4	<a href="#">50-57-9004</a>
5	<a href="#">50-57-9005</a>
6	<a href="#">50-57-9006</a>
7	<a href="#">50-57-9007</a>
8	<a href="#">50-57-9008</a>
9	<a href="#">50-57-9009</a>

Circuits	Order No.
10	<a href="#">50-57-9010</a>
11	<a href="#">50-57-9011</a>
12	<a href="#">50-57-9012</a>
13	<a href="#">50-57-9013</a>
14	<a href="#">50-57-9014</a>
15	<a href="#">50-57-9015</a>
16	<a href="#">50-57-9016</a>
17	<a href="#">50-57-9017</a>

Circuits	Order No.
18	<a href="#">50-57-9018</a>
19	<a href="#">50-57-9019</a>
20	<a href="#">50-57-9020</a>
21	<a href="#">50-57-9021</a>
22	<a href="#">50-57-9022</a>
23	<a href="#">50-57-9023</a>
24	<a href="#">50-57-9024</a>
25	<a href="#">50-57-9025</a>