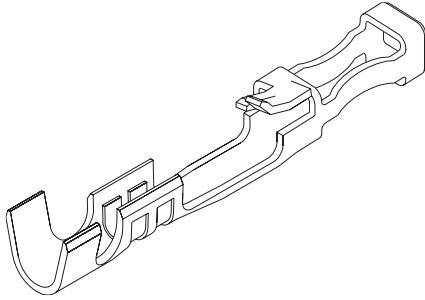


2.54mm (.100") Pitch SL™ Terminal

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
16-02-1111	1	22-24	1.63 (.064)	Yes
16-02-1113		24-30	1.52 (.060)	
16-02-1124		22-24	1.63 (.064)	
16-02-0119	2	24-30	1.52 (.060)	
16-02-1110		22-24	1.63 (.064)	
16-02-1112	3	24-30	1.52 (.060)	

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

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

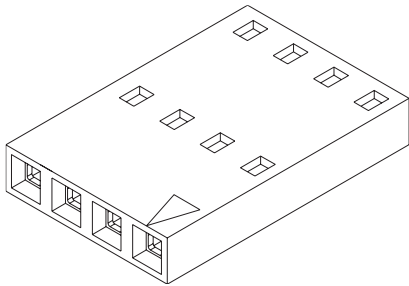
Plating No. 2: 15µm min. Gold in select area over 50µm min. Nickel overall with 75µm min. Tin in select area

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	50-57-9002
3	50-57-9003
4	50-57-9004
5	50-57-9005
6	50-57-9006
7	50-57-9007
8	50-57-9008
9	50-57-9009

Circuits	Order No.
10	50-57-9010
11	50-57-9011
12	50-57-9012
13	50-57-9013
14	50-57-9014
15	50-57-9015
16	50-57-9016
17	50-57-9017

Circuits	Order No.
18	50-57-9018
19	50-57-9019
20	50-57-9020
21	50-57-9021
22	50-57-9022
23	50-57-9023
24	50-57-9024
25	50-57-9025