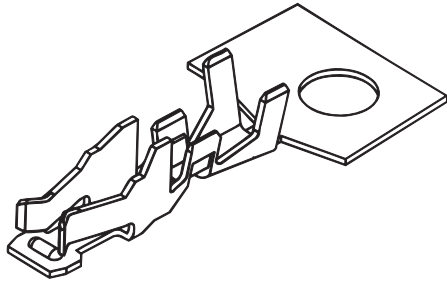


2.00mm (.079") Pitch Milli-Grid™ Crimp Terminal

50394



Order No.	AWG	Plating	Lead-free
50394-8051	26 - 30	15µ" min. selective Gold	Yes
50394-8052		30µ" min. selective Gold	

Features and Benefits

- Early entry terminal design for superior contact

Reference Information

Product Specification: PS-51110-001
 Packaging: Reel
 UL File No.: E29179
 CSA File No.: LR19980
 Mates With: 0.50mm square pins
 Use With: 51110
 Designed In: Millimeters

Electrical

Voltage: 125V
 Current:

AWG	24	26	28	30
	2.0A	1.5A	1.0A	0.5A

Contact Resistance: 40 milliohms max.
 Dielectric Withstanding Voltage: 500V
 Insulation Resistance: 1000 Megohms min.

Mechanical

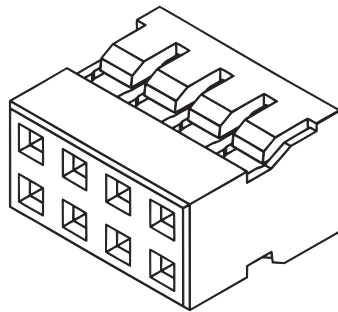
Contact Insertion Force: 9.8N max.
 Mating Force: 1.96N per circuit max.
 Unmating Force: 0.392N per circuit min.

Physical

Contact: Phosphor Bronze
 Plating: See Table
 Operating Temperature: -40 to +105°C
 Wire Range: 26 to 30 AWG
 Insulation Range: 1.40mm dia. max.

2.00mm (.079") Pitch Milli-Grid™ Crimp Housing

51110



Features and Benefits

- Sizes 4 to 32 circuits
- Front latches for added retention forces after mating
- Options include center polarization key and front latches version (14 to 32 circuits only), center polarization key only (8 to 12 circuits)

Reference Information

Product Specification: PS-51110
 Packaging: Bag
 UL File No.: E29179
 CSA File No.: LR19980
 Mates With: 87831, 87832, 87833, 87858, 87859, 87760
 Use With: 50394
 Designed In: Millimeters

Physical

Housing: Black glass-filled polyester, UL 94V-0
 Operating Temperature: -40 to +105°C

Circuits	Order No.	
	Plain	With Polarization Keys
4	51110-0450	51110-0460
6	51110-0650	51110-0660
8	51110-0850	51110-0860
10	51110-1050	51110-1060
12	51110-1250	51110-1260
14	51110-1450	51110-1451
16	51110-1650	51110-1651
18	51110-1850	51110-1851

Circuits	Order No.	
	Plain	With Polarization Keys
20	51110-2050	51110-2051
22	51110-2250	51110-2251
24	51110-2450	51110-2451
26	51110-2650	51110-2651
28	51110-2850	51110-2851
30	51110-3050	51110-3051
32	51110-3250	51110-3251