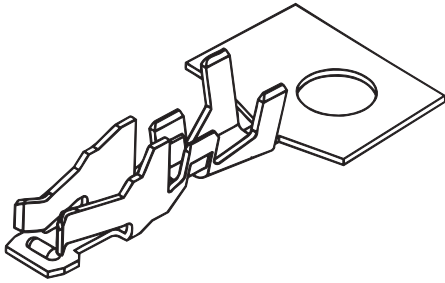


## 2.00mm (.079") Pitch Milli-Grid™ Crimp Terminal

### 50394



Order No.	AWG	Plating	Lead-free
<a href="#">50394-8051</a>	26 - 30	15µ" min. selective Gold	Yes
<a href="#">50394-8052</a>		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

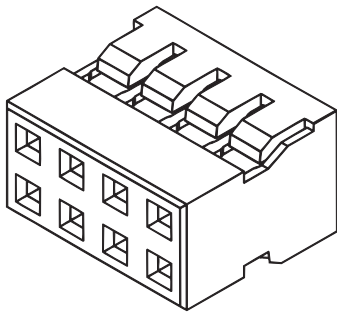
Contact Insertion Force: 9.8N max.  
 Mating Force: 1.96N per circuit max.  
 Unmating Force: 0.392N per circuit min.

#### 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	<a href="#">51110-0450</a>	<a href="#">51110-0460</a>
6	<a href="#">51110-0650</a>	<a href="#">51110-0660</a>
8	<a href="#">51110-0850</a>	<a href="#">51110-0860</a>
10	<a href="#">51110-1050</a>	<a href="#">51110-1060</a>
12	<a href="#">51110-1250</a>	<a href="#">51110-1260</a>
14	<a href="#">51110-1450</a>	<a href="#">51110-1451</a>
16	<a href="#">51110-1650</a>	<a href="#">51110-1651</a>
18	<a href="#">51110-1850</a>	<a href="#">51110-1851</a>

Circuits	Order No.	
	Plain	With Polarization Keys
20	<a href="#">51110-2050</a>	<a href="#">51110-2051</a>
22	<a href="#">51110-2250</a>	<a href="#">51110-2251</a>
24	<a href="#">51110-2450</a>	<a href="#">51110-2451</a>
26	<a href="#">51110-2650</a>	<a href="#">51110-2651</a>
28	<a href="#">51110-2850</a>	<a href="#">51110-2851</a>
30	<a href="#">51110-3050</a>	<a href="#">51110-3051</a>
32	<a href="#">51110-3250</a>	<a href="#">51110-3251</a>