

FEATURES AND SPECIFICATIONS

Features and Benefits

- Early entry terminal design for superior contact

Reference Information

Product Specification: PS-51110

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	26	28	30
Amperes	1.5	1.0	0.5

Contact Resistance: 40mΩ max.

Dielectric Withstanding Voltage: 500V

Insulation Resistance: 1000 MΩ min.

Mechanical

Contact Insertion Force: 9.8N max.

Mating Force: 1.96N per circuit max.

Unmating Force: 0.392N per circuit min.

Physical

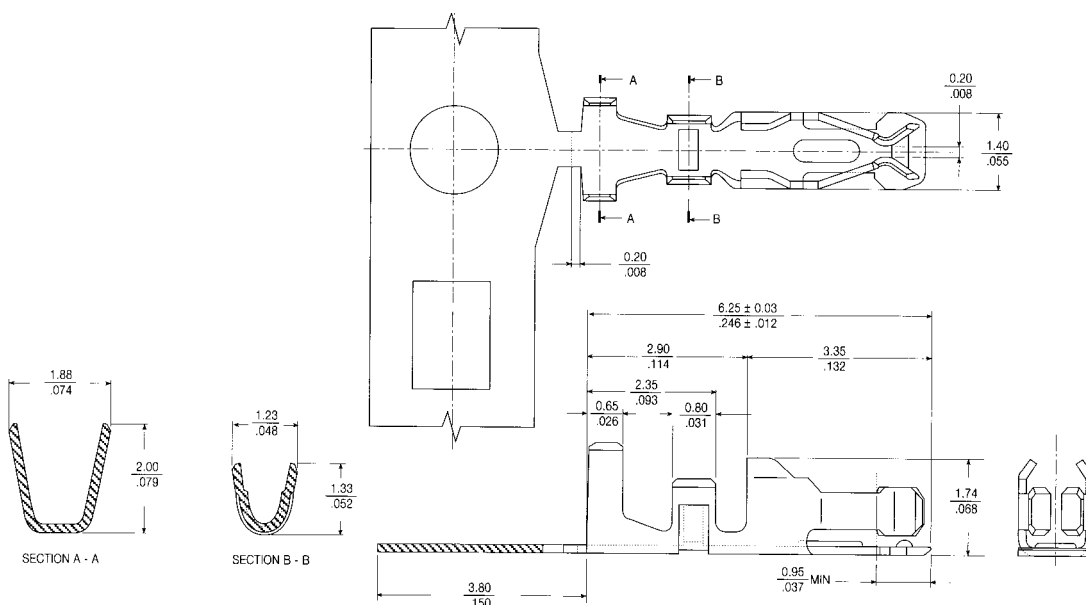
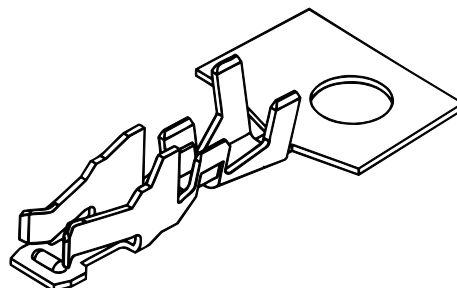
Contact: Phosphor Bronze

Plating: See Table

Temperature: -40 to +105°C

Wire Range: 26 to 30 AWG

Insulation Range: 1.40mm dia. max.

molex® 2.00mm (.079") Pitch
Milli-Grid™
Crimp Terminal
50394

ORDERING INFORMATION

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

Application Tooling Information

Description	Order No.	Engineering No.
Hand Tool (US)	11-01-0204	CR 60927A
Hand Tool (Europe)	69008-0959	69008-0959
Mini-Mac Applicator (US)	11-18-2197	MA 60837A
Mini-Mac Tool Kit (US)	11-18-3190	K 60837A
Mini-Mac Applicator (Europe)	69037-1163	69037-1163
TM-42 Applicator	11-40-2278	T 63332A
TM-42 Applicator Tool Kit	11-40-3279	K 63332A
Crimping Press	M15A	M15A
Mini-Crimper	57117-4000	57117-4000