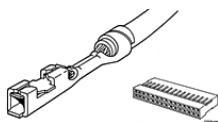


**48051-000LF - Mini-PV™, Basics+ : 2.54 mm (0.1 in.) Centerline Crimp-to-Wire Receptacle**



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## Specifications

### Approvals / Certifications

UL File Number	E66906
CSA File Number	LR46923
Approvals / Certifications	UL and CSA Approved

### Mechanical

Insertion force	10.79N (1100 gf)
Withdrawal Force	1.75N (175 gf)
Spring force	Ultra - High

### Dimensional

Size (Wire)	22 to 26 AWG
Height (Crimp)	0.81 - 0.86 mm (0.032 - 0.034 in.)
Size Insulation OD (Discrete contact)	0.91 mm (0.036 in.) to 2.62 mm (0.103 in.)
Size Insulation OD (Latch housing application)	0.91 mm (0.036 in.) to 1.52 mm (0.06 in.)
Thickness (Spring)	0.165 mm (0.0065 in.)

### Electrical

Current rating	3A Continuous
Resistance (Contact)	15 M-ohms max.
Resistance (Insulation)	5000 M-ohms
Voltage rating	1000V rms

### General

Product Type	Crimp-to-Wire Contact
Number of contacts (per housing)	2-20
Mating half	Mates with most 2.54 mm (0.1 in.) Centerline Products with 0.64 mm (0.025in.) Square or Round Pins
Series Number	48051

### Other Features

Accessory	Ratcheting Hand Crimping Tool: Part Number HT-0095
Packaging (Type)	Reel
Comments	PV™ Contact Removal Tool: Part Number HT-0080

### Physical

Material (Contact)	Copper Alloy
Plating (Contact area)	0.76 μm (30 μin.) Gold
Humidity Range	10% to 95%
Underplating	1.27 μm (50 μin.) Nickel
Material (Spring)	Copper Alloy
Temperature (Operating - range)	-65°C to +125°C