

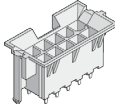
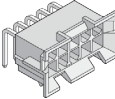
### TERMINAL

Component	Description	Packaging	Plating	Base Material	Wire Range	Order No.
	Female Terminal	Reel	Tin	Brass	18-20AWG	39-00-0038
					22-24AWG	39-00-0046
				Phos Bronze	18-20AWG	39-00-0056
					22-24AWG	39-00-0065
			Gold	Brass	18-20AWG	39-00-0428
					22-24AWG	39-00-0434
				Phos Bronze	18-20AWG	39-00-0181
					22-24AWG	39-00-0183

### RECEPTACLE

Component	Description	Packaging	Resin	Flammability	Circuits	Order No.
	Panel Mount Dual Row Receptacle	Bag	Nylon	UL 94V0	4-24	15-06-0XX1
				UL 94V2		15-06-0XX0

### HEADER

Component	Description	Packaging	PCB Processing	Flammability	Plating	Circuits	Order No.
	Vertical Dual Row Header	Tray	Wave Solder	UL 94V-0	Tin	4-24	15-24-6XX2
					Gold		15-28-6XX2
				UL 94V-2	Tin		15-24-6XX1
	Right Angle Dual Row Header	Tray	Wave Solder	UL 94V-0	Tin	4-24	15-24-9XX4
					Gold		15-24-6XX3
				UL 94V-2	Tin		15-24-6XX0

Replace XX with number of circuits desired. For example, if you desire an 8 circuit part, insert 08.



## Mini-Fit® BMI Panel-to-Board

### Specifications

Current: 9.0A  
Voltage: 600V  
Contact Resistance: 10 Milliohms max change over life

Dielectric Withstanding Voltage: 2200V AC  
Insulation Resistance: 1000 Megohms  
Operating Temperature: -40 to +105°C

### Features and Benefits

Self-aligning, blindmating Interface where the panel mount housings are allowed to “float” within the panel cutout

Polarizing retention pegs on headers

Plugs, receptacles, and headers compatible with Mini-Fit® Plus terminals

Fully isolated header pins and plug and receptacle terminals

Polarized plug and receptacle housing geometries

### REFERENCE INFORMATION

UL File No.: E29179  
CSA File No.: LR19980  
RoHS Compliant

Allows +/- 1.27mm misalignment in the x and y axis during mating. Enables the operator to mate connectors in hard to reach areas

Ensures headers are positioned in the proper orientation on the PCB and then holds them in place during solder processing

Suitable for systems that require a high current load. Uses proven power Interface with widely used application tooling

Protects contacts against potential damage during handling and mating

Ensures the blindmate plugs and receptacles cannot be installed upside down in the panel cutouts

[www.molex.com/link/minifit.html](http://www.molex.com/link/minifit.html)