

Ordering Information
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
	Male Terminal	Reel	Tin	Brass	18-20AWG	39-00-0040
					22-24AWG	39-00-0048
				Phos Bronze	18-20AWG	39-00-0061
					22-24AWG	39-00-0067
			Gold	Brass	18-20AWG	39-00-0430
					22-24AWG	39-00-0432
				Phos Bronze	18-20AWG	39-00-0219
					22-24AWG	39-00-0221

RECEPTACLE

Component	Description	Packaging	Resin	Flammability	Circuits	Order No.
	Panel Mount Dual Row Receptacle	Bag	Nylon	UL 94V-0	4-24	15-06-0XX1
				UL 94V-2		15-06-0XX0

PLUG

Component	Description	Packaging	Resin	Flammability	Circuits	Order No.
	Panel Mount Dual Row Plug	Bag	Nylon	UL 94V-0	4-24	15-06-0XX6
				UL 94V-2		15-06-0XX5

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

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

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

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

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

Fully isolated header pins and plug and receptacle terminals

Protects contacts against potential damage during handling and mating

Polarized plug and receptacle housing geometries

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

www.molex.com/link/minifit.html