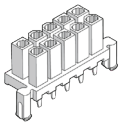
molex®

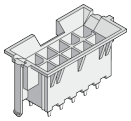
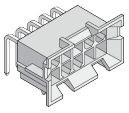
Mini-Fit® BMI Board-to-Board

Ordering Information

PCB RECEPTACLE

Component	Description	Packaging	PCB Processing	Flammability	Plating	Circuits	Order No.
	Vertical Dual Row PCB Receptacle	Tray	Wave Solder	UL 94V-0	Tin	4-18	15-24-7XX1
					Gold		15-24-7XX3
				UL 94V-2	Tin		15-24-7XX0

HEADER

Component	Description	Packaging	PCB Processing	Flammability	Plating	Circuits	Order No.
	Vertical Dual Row Header	Tray	Wave Solder	UL 94V-0	Tin	18	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	4-18	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.

Specifications

Current: 9.0A and 11.5A options
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

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

Features and Benefits

Self-aligning, blindmating interface where the panel mount housings are allowed to “float” within the panel cutout	Allows +/- 1.27mm misalignment in the x and y axis during mating. Enables the operator to mate connectors In hard to reach areas
Polarizing retention pegs on headers	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