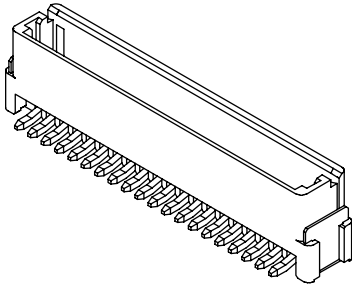


1.25mm (.049") Pitch Mini Mi II™ Wire-to-Board Header

55450
SMT, Single Row
Vertical, with Plastic Pegs



Features and Benefits

- Sizes 2 to 20 circuits
- Friction lock provides secure mating
- Polarized inner walls provide correct mating orientation
- Optional PCB pegs facilitate board placement and provide polarization

Reference Information

Product Specification: PS-54596-022
Packaging: Embossed tape on reel
Mates With: 54596
Designed In: Millimeters

Electrical

Voltage: 100V
Current: 1.5A
Contact Resistance: 20 milliohms max.
Dielectric Withstanding Voltage: 50V AC/1 min.
Insulation Resistance: 1000 Megohms min.

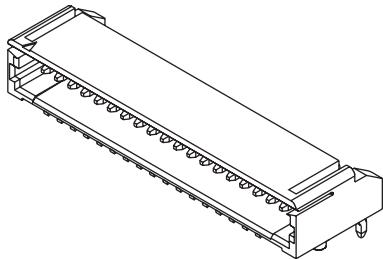
Physical

Housing: Beige PA Polyamide (nylon), UL 94V-0
Contact: Brass
Plating: Contact Area—Tin
Solder Tail Area—Tin
Underplating: Nickel
Operating Temperature: -40 to +105°C

Circuits	Order No.		Lead-free
	With Pegs	Without Pegs	
2	55450-0259	55450-0269	Yes
5	55450-0559	55450-0569	
7		55450-0769	
16		55450-1669	

1.25mm (.049") Pitch Mini Mi II™ System Wire-to-Board Header

55454
Single Row
Right Angle



Features and Benefits

- Sizes 2 to 20 circuits
- Friction lock provides secure mating
- Kinked outer tails for additional PCB retention
- Polarized inner side-walls ensure correct mating orientation
- Extended outer side-walls protect solder tails
- Polarizing pegs assist board placement

Reference Information

Product Specification: PS-54596-007
Packaging: Tray
Mates With: 54596
Designed In: Millimeters

Electrical

Voltage: 100V
Current: 1.5A
Contact Resistance: 20 milliohms max.
Dielectric Withstanding Voltage: 500V AC/1 min.
Insulation Resistance: 1000 Megohms min.

Physical

Housing: Nylon, UL 94V-0
Contact: Brass
Plating: Pre-Tin
Operating Temperature: -40 to +105°C

Circuits	Order No.	Lead-free
2	55454-0270	Yes
3	55454-0370	
4	55454-0470	
5	55454-0570	
6	55454-0670	
7	55454-0770	
8	55454-0870	

Circuits	Order No.	Lead-free
9	55454-0970	Yes
10	55454-1070	
11	55454-1170	
12	55454-1270	
13	55454-1370	
14	55454-1470	
15	55454-1570	

Circuits	Order No.	Lead-free
16	55454-1670	Yes
17	55454-1770	
18	55454-1870	
19	55454-1970	
20	55454-2070	