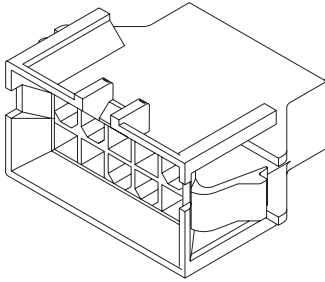


4.20mm (.165") Pitch Mini-Fit BMI™ Plug

42475
Dual Row
With Panel Mount Ears



Features and Benefits

- Blind mating panel mounted plug
- Positive housing locks to mate with Mini-Fit Jr.
- Fully isolated terminals to protect contacts from damage

Reference Information

Packaging: Bag
UL File No.: E29179
CSA File No.: LR19980
TUV License No.: R75142
Mates With: 5557, 42474 or 44516 receptacles and 42385, 46010 or 46101 PCB receptacles
Use With: 5558, 46134, 46012 or 46098 terminals
Panel Thickness: 1.60mm (.063") max.
Designed In: Millimeters

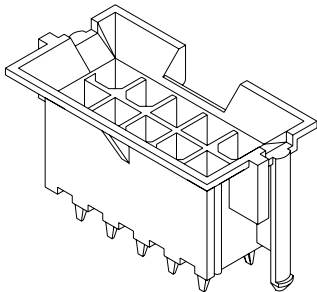
Physical

Housing: 6/6 nylon, UL 94V-2 or 94V-0
Operating Temperature: -40 to +105°C

Circuits	Order No.	
	94V-2	94V-0
4	15-06-0045	15-06-0046
6	15-06-0065	15-06-0066
8	15-06-0085	
10	15-06-0105	15-06-0106
14	15-06-0145	15-06-0146
18	15-06-0185	15-06-0186
24	15-06-0245	15-06-0246

4.20mm (.165") Pitch Mini-Fit BMI™ Header

42440
Vertical, Dual Row



Features and Benefits

- Blindmating Capabilities
- Standard with drain holes to allow PCB washing after wave soldering (contact Molex for headers without drain holes)
- Fully isolated terminals to protect contacts from damage

Reference Information

Packaging: Tray
UL File No.: E29179
CSA File No.: LR19980
TUV License No.: Pending
Mates With: 44516, 42474 and 5557 dual row receptacles or 42385 PCB receptacles
PCB Thickness: 1.60mm (.062")
Process: Wave Solder
Designed In: Millimeters

Electrical

Voltage: 600V
Current: (Used with 16 AWG)

Series	Circuits			
	2-3	4-6	7-10	12-24
46083*	9.0A	8.0A	7.0A	6.0A

*Brass

Contact Resistance: 10 milliohms max.
Dielectric Withstanding Voltage: 1500V
Insulation Resistance: 1000 Megohms min.

Mechanical

Insertion Force to PCB: 5.0kg max.

Physical

Housing: 6/6 nylon, UL 94V-2 or 94V-0
Contact: Brass
Plating: Tin or Select Gold
Underplating: Nickel
Operating Temperature: -40 to +105°C

Circuits	Order No.				Lead-free
	Tin		Select Gold		
	94V-2	94V-0	94V-2	94V-0	
4	15-24-6046	15-24-6047	15-28-6046	15-28-6047	Yes
6	15-24-6066		15-28-6066		
10	15-24-6106	15-24-6107	15-28-6106	15-28-6107	
14	15-24-6146	15-24-6147	15-28-6146	15-28-6147	
18	15-24-6186	15-24-6187	15-28-6186	15-28-6187	
24	15-24-6246	15-24-6247	15-28-6246	15-28-6247	