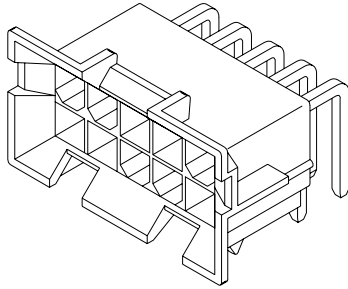


4.20mm (.165") Pitch Mini-Fit BMI™ Header

42404
Right Angle
Dual Row



Features and Benefits

- Blindmating capabilities
- 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: 42474, 44516 and 5557 dual row housings or 42385 and 46010 PCB receptacle headers
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
45750	12.0A	11.0A	10.0A	9.0A

*Brass

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

Mechanical

Insertion Force to PCB: 5.0kg max.

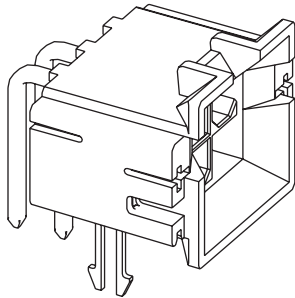
Physical

Housing: 6/6 nylon, UL 94V-2 or UL 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	15-24-6040	15-24-9044	15-24-9047	15-24-6043	Yes
6	15-24-6060	15-24-9064	15-24-9067	15-24-6063	
10	15-24-6100	15-24-9104	15-24-9107	15-24-6103	
14	15-24-6140	15-24-9144	15-24-9147	15-24-6143	
16		15-24-9164			
18	15-24-6180	15-24-9184	15-24-9187	15-24-6183	
24	15-24-6240	15-24-9244	15-24-9247	15-24-6243	

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

43810
Right Angle, Dual Row



Features and Benefits

- Surface Mount Compatible (245°C)
- Fully isolated terminals to protect contacts from damage
- Metal retention clip holds product before and after the soldering process
- Blind-mating capabilities
- Designs for variety of board thicknesses available

Reference Information

Packaging: Tray
UL File No.: E29179
CSA File No.: LR19980
TUV License No.: R75142
Mates With: 42474, 44516 and 5557 receptacles and 42385 or 46010 PCB receptacles
Process: Wave solder or reflow
Designed In: Millimeters

Electrical

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

Series	Circuits			
	2	3-6	7-10	11-24
46083*	9.0A	8.0A	7.0A	6.0A
45750	12.0A	12.0A	12.0A	11.0A

*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: 4/6 nylon, UL 94V-0
Contact: Brass
Plating: Tin or Select Gold
Operating Temperature: -40 to +105°C

Circuits	Plating	Order No.				Lead-free
		1.60mm (.063") PCB Thickness	2.39mm (.094") PCB Thickness	3.18mm (.125") PCB Thickness	6.35mm (.250") PCB Thickness	
4	Tin	43810-0001	43810-0045	43810-0089	43810-0353	Yes
	Select Gold	43810-0012	43810-0056	43810-0100	43810-0364	
6	Tin	43810-0002	43810-0046	43810-0090	43810-0354	
	Select Gold	43810-0013	43810-0057	43810-0101	43810-0365	
10	Tin	43810-0004	43810-0048	43810-0092	43810-0356	
	Select Gold	43810-0015	43810-0059	43810-0103	43810-0367	
14	Tin	43810-0006	43810-0050	43810-0094	43810-0358	
	Select Gold	43810-0017	43810-0061	43810-0105	43810-0369	
18	Tin	43810-0008	43810-0052	43810-0096	43810-0360	
	Select Gold	43810-0019	43810-0063	43810-0107	43810-0371	
24	Tin	43810-0011	43810-0055	43810-0099	43810-0363	
	Select Gold	43810-0022	43810-0066	43810-0110	43810-0374	