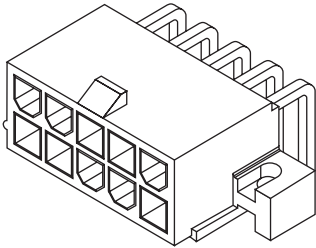


4.20mm (.165") Pitch Mini-Fit Jr.™ Wire-to-Board Header

87427 Right Angle with Flange High Temperature Material



Features and Benefits

- Sizes 2 to 24 circuits
- Molded in high temperature, surface mount compatible material
- Fully isolated terminals to protect contacts from damage

Reference Information

Product Specification: PS-87427-0001
Packaging: Bag
UL File No.: E29179
CSA File No.: LR19980
Mates With: 5557 dual row receptacle
Designed in: Millimeters

Electrical

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

Circuits	2-3	4-6	7-10	12-24
Jr.	9.0A	8.0A	7.0A	6.0A
HCS	12.0A	11.0A	10.0A	9.0A

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

Mechanical

Pin Retention Force: 9.81N (2.2 lb) min.
Mating Force: 14.23N (3.19 lb) max.
Unmating Force: 0.50N (0.11 lb) max.
Durability: 30 cycles

Physical

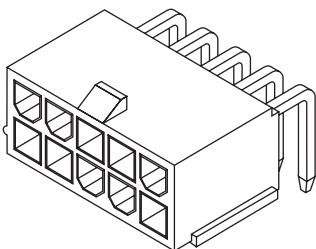
Housing: 4/6 Nylon, UL 94V-0
Contact: Brass (1.07 square)
Plating: Tin
Operating Temperature: -40 to +105°C

Circuits	Order No.		Lead-free
	Tin Over Nickel Plating	Tin Over Copper Plating	
2	87427-0212	87427-0213	Yes
4	87427-0412	87427-0413	
6	87427-0612	87427-0613	
8	87427-0812	87427-0813	
10	87427-1012	87427-1013	
12	87427-1212	87427-1213	

Circuits	Order No.		Lead-free
	Tin Over Nickel Plating	Tin Over Copper Plating	
14	87427-1412	87427-1413	Yes
16	87427-1612	87427-1613	
18	87427-1812	87427-1813	
20	87427-2012	87427-2013	
22	87427-2212	87427-2213	
24	87427-2412	87427-2413	

4.20mm (.165") Pitch Mini-Fit Jr.™ Wire-to-Board Header

87427 Right Angle without Flanges High Temperature Material



Features and Benefits

- Sizes 2 to 24 circuits
- Molded in high temperature, surface mount compatible material
- Fully isolated terminals to protect contacts from damage

Reference Information

Product Specification: PS-87427-0001
Packaging: Bag
UL File No.: E29179
CSA File No.: LR19980
Mates With: 5557 dual row receptacle
Designed in: Millimeters

Electrical

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

Circuits	2-3	4-6	7-10	12-24
Jr.	9.0A	8.0A	7.0A	6.0A
HCS	12.0A	11.0A	10.0A	9.0A

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

Mechanical

Pin Retention Force: 9.81N (2.2 lb) min.
Mating Force: 14.23N (3.19 lb) max.
Unmating Force: 0.50N (0.11 lb) max.
Durability: 30 cycles

Physical

Housing: Nylon 4/6, UL 94V-0
Contact: Brass (1.07 square)
Plating: Tin
Operating Temperature: -40 to +105°C

Circuits	Order No.		Lead-free
	Tin Over Nickel Plating	Tin Over Copper Plating	
2	87427-0202	87427-0203	Yes
4	87427-0402	87427-0403	
6	87427-0602	87427-0603	
8	87427-0802	87427-0803	
10	87427-1002	87427-1003	
12	87427-1202	87427-1203	

Circuits	Order No.		Lead-free
	Tin Over Nickel Plating	Tin Over Copper Plating	
14	87427-1402	87427-1403	Yes
16	87427-1602	87427-1603	
18	87427-1802	87427-1803	
20	87427-2002	87427-2003	
22	87427-2202	87427-2203	
24	87427-2402	87427-2403	