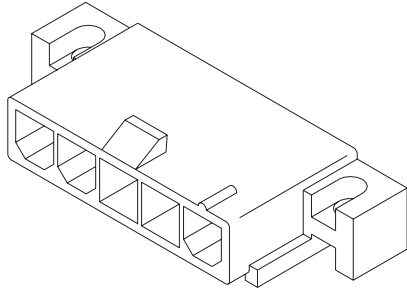


# 4.20mm (.165") Pitch Mini-Fit Jr.™ Header

## 5569 Right Angle, Single Row With Flanges



### Features and Benefits

- Flanges allow for screw-in retention to board-mounted headers
- Low profile is ideal for power applications with space constraints

### Reference Information

Packaging: Tray or bag  
 UL File No.: E29179  
 CSA File No.: LR19980  
 TUV License No.: R75142  
 Mates With: 5557 single row receptacle  
 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	12.0A	12.0A	11.0A

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

### Mechanical

Insertion Force to PCB: 5.0kg max.  
 Durability: 30 cycles

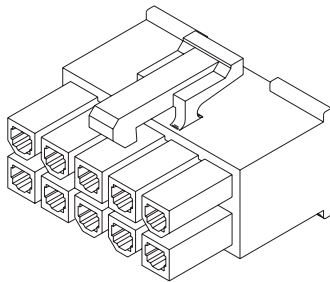
### Physical

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 Plated		Select Gold Plated		
	94V-2	94V-0	94V-2	94V-0	
3	<a href="#">39-30-6039</a>	<a href="#">39-30-7030</a>	<a href="#">39-30-4037</a>	<a href="#">39-30-4038</a>	Yes
4	<a href="#">39-30-6049</a>		<a href="#">50-30-4443</a>		

# 4.20mm (.165") Pitch Mini-Fit Jr.™ Receptacle

## 5557 Dual Row



### Features and Benefits

- Positive housing lock for secure mating retention
- Fully isolated terminals to protect contacts from damage
- Thumbblatch for easy unmating

### Reference Information

Packaging: Bag  
 UL File No.: E29179  
 CSA File No.: LR19980  
 TUV License No.: R75142  
 Mates With: 5559, 5566, 5569, 42404, 42440, 42475, 43810, 43879 and 44068 dual row connectors  
 Use With: 5556, 46083 or 45750 terminals  
 Designed In: Millimeters

### Electrical

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	12.0A	12.0A	11.0A

### Mechanical

Contact Insertion Force: 1.5kg max.  
 Contact Retention to Housing: 3.0kg min.

### Physical

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

Circuits	Order No.		Circuits	Order No.	
	94V-2	94V-0		94V-2	94V-0
2	<a href="#">39-01-2020</a>	<a href="#">39-01-2025</a>	14	<a href="#">39-01-2140</a>	<a href="#">39-01-2145</a>
4	<a href="#">39-01-2040</a>	<a href="#">39-01-2045</a>	16	<a href="#">39-01-2160</a>	<a href="#">39-01-2165</a>
6	<a href="#">39-01-2060</a>	<a href="#">39-01-2065</a>	18	<a href="#">39-01-2180</a>	<a href="#">39-01-2185</a>
8	<a href="#">39-01-2080</a>	<a href="#">39-01-2085</a>	20	<a href="#">39-01-2200</a>	<a href="#">39-01-2205</a>
10	<a href="#">39-01-2100</a>	<a href="#">39-01-2105</a>	22	<a href="#">39-01-2220</a>	<a href="#">39-01-2225</a>
12	<a href="#">39-01-2120</a>	<a href="#">39-01-2125</a>	24	<a href="#">39-01-2240</a>	<a href="#">39-01-2245</a>