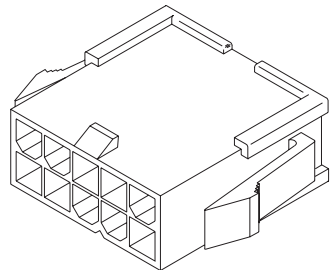


# 4.20mm (.165") Pitch Mini-Fit Jr.™ Plug

**5559**

**Dual Row  
With and without Panel Mount Ears**



### Features and Benefits

- Wire-to-wire plug for panel-mounted or free-hanging applications
- Positive housing locks to mate with Mini-Fit Jr. receptacle
- 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 dual row receptacle  
 Use With: 5558, 30490, 46134 or 46012 terminals  
 Panel Thickness: .079 to 2.00mm (.031 to 0.80")  
 Designed In: Millimeters

### Mechanical

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

### Physical

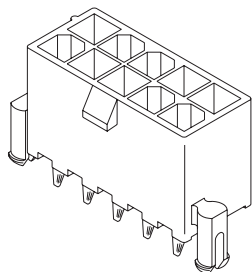
Housing: 6/6 nylon, UL 94V-2 or 94V-0  
 Operating Temperature: -40 to +105°C

Circuits	Order No.			
	Panel Mount		Free Hanging	
	94V-2	94V-0	94V-2	94V-0
2	<a href="#">39-01-2021</a>	<a href="#">39-01-2026</a>	<a href="#">39-01-3023</a>	<a href="#">39-01-3029</a>
4	<a href="#">39-01-2041</a>	<a href="#">39-01-2046</a>	<a href="#">39-01-3043</a>	<a href="#">39-01-3049</a>
6	<a href="#">39-01-2061</a>	<a href="#">39-01-2066</a>	<a href="#">39-01-3063</a>	<a href="#">39-01-3069</a>
8	<a href="#">39-01-2081</a>	<a href="#">39-01-2086</a>	<a href="#">39-01-3083</a>	<a href="#">39-01-3089</a>
10	<a href="#">39-01-2101</a>	<a href="#">39-01-2106</a>	<a href="#">39-01-3103</a>	<a href="#">39-01-3109</a>
12	<a href="#">39-01-2121</a>	<a href="#">39-01-2126</a>	<a href="#">39-01-3123</a>	<a href="#">39-01-3129</a>
14	<a href="#">39-01-2141</a>	<a href="#">39-01-2146</a>	<a href="#">39-01-3143</a>	<a href="#">39-01-3149</a>
16	<a href="#">39-01-2161</a>	<a href="#">39-01-2166</a>	<a href="#">39-01-3163</a>	<a href="#">39-01-3169</a>
18	<a href="#">39-01-2181</a>		<a href="#">39-01-3183</a>	
20	<a href="#">39-01-2201</a>			
22	<a href="#">39-01-2221</a>			
24	<a href="#">39-01-2241</a>	<a href="#">39-01-2246</a>		

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

**5566**

**Vertical, Dual Row  
With Pegs, with Drain Holes**



### Features and Benefits

- Board-mounting pegs provide polarization during placement on the PCB and increased retention during soldering process
- Positive housing locks to mate with Mini-Fit Jr. receptacle
- Fully isolated terminals to protect contacts from damage
- Drain holes are standard to allow washing of PCB after processing (contact Molex for headers without drain holes)

### Reference Information

Packaging: Tray or tube  
 UL File No.: E29179  
 CSA File No.: LR19980  
 TUV License No.: R75142  
 Mates With: 5557 dual row 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

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		Gold Plated (30µ")		
	94V-2	94V-0	94V-2	94V-0	
2	<a href="#">39-30-6027</a>	<a href="#">39-30-6028</a>	<a href="#">39-29-9024</a>	<a href="#">39-28-9028</a>	Yes
4	<a href="#">39-30-6047</a>	<a href="#">39-30-6048</a>	<a href="#">39-29-9044</a>	<a href="#">39-28-9048</a>	
6	<a href="#">39-30-6067</a>	<a href="#">39-30-6068</a>	<a href="#">39-29-9064</a>	<a href="#">39-28-9068</a>	
8	<a href="#">39-30-6087</a>	<a href="#">39-30-6088</a>	<a href="#">39-29-9084</a>	<a href="#">39-28-9088</a>	
10	<a href="#">39-30-6107</a>	<a href="#">39-30-6108</a>	<a href="#">39-29-9104</a>	<a href="#">39-28-9108</a>	
12	<a href="#">39-30-6127</a>	<a href="#">39-30-6128</a>	<a href="#">39-29-9124</a>	<a href="#">39-28-9128</a>	
14	<a href="#">39-30-6147</a>	<a href="#">39-30-6148</a>	<a href="#">39-29-9144</a>	<a href="#">39-28-9148</a>	
16	<a href="#">39-30-6167</a>	<a href="#">39-30-6168</a>	<a href="#">39-29-9164</a>	<a href="#">39-28-9168</a>	
18	<a href="#">39-30-6187</a>	<a href="#">39-30-6188</a>	<a href="#">39-29-9184</a>	<a href="#">39-28-9188</a>	
20	<a href="#">39-30-6207</a>	<a href="#">39-30-6208</a>	<a href="#">39-29-9204</a>	<a href="#">39-28-9208</a>	
22	<a href="#">39-30-6227</a>	<a href="#">39-30-6228</a>	<a href="#">39-29-9224</a>		
24	<a href="#">39-30-6247</a>	<a href="#">39-30-6248</a>	<a href="#">39-29-9244</a>	<a href="#">39-28-9248</a>	