

# 5.08mm (.200") Pitch KK<sup>®</sup> PC Board Connector

**3002**  
Bottom Entry  
Mount Style B

### Features and Benefits

- Sizes 2 to 20 circuits

### Reference Information

Product Specification: PSX10-39  
Packaging: Tray  
UL File No.: E29179  
CSA File No.: LR19980  
Mates With: 2599, 3003 and 3008 headers  
Designed In: Inches

### Electrical

Voltage: 250V  
Current: 7.0A  
Contact Resistance: 20 milliohms max.  
Dielectric Withstanding Voltage: 1500V  
Insulation Resistance: 500K Megohms min.

### Mechanical

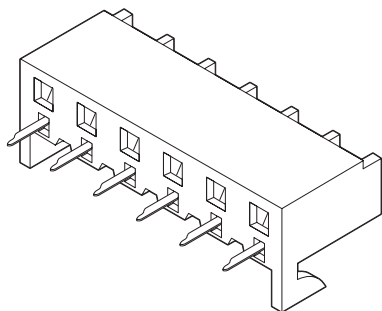
Mating Force: 24 oz max.  
Unmating Force: 4 oz min.  
Normal Force: 350g  
Durability: 25 cycles Tin

### Physical

Housing: Nylon, UL 94V-2  
Contact: Phosphor Bronze  
Plating: 1µm Tin and 0.5µm Gold  
Operating Temperature: 0 to +75°C

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3.00 to 7.92mm (.118 to .312") Pitch PCB and Wire Connectors



Circuits	Order No.		Lead-free
	Tin	Gold	
2	<a href="#">10-02-1022</a>	<a href="#">10-10-1026</a>	Yes
3	<a href="#">10-02-1032</a>	<a href="#">10-10-1036</a>	
4	<a href="#">10-02-1042</a>	<a href="#">10-10-1046</a>	
5	<a href="#">10-02-1052</a>	<a href="#">10-10-1056</a>	
6	<a href="#">10-02-1062</a>	<a href="#">10-10-1066</a>	
7	<a href="#">10-02-1072</a>	<a href="#">10-10-1076</a>	
8	<a href="#">10-02-1082</a>	<a href="#">10-10-1086</a>	
9	<a href="#">10-02-1092</a>	<a href="#">10-10-1096</a>	
10	<a href="#">10-02-1102</a>	<a href="#">10-10-1106</a>	
11	<a href="#">10-02-1112</a>	<a href="#">10-10-1116</a>	

Circuits	Order No.		Lead-free
	Tin	Gold	
12	<a href="#">10-02-1122</a>	<a href="#">10-10-1126</a>	Yes
13	<a href="#">10-02-1132</a>	<a href="#">10-10-1136</a>	
14	<a href="#">10-02-1142</a>	<a href="#">10-10-1146</a>	
15	<a href="#">10-02-1152</a>	<a href="#">10-10-1156</a>	
16	<a href="#">10-02-1162</a>	<a href="#">10-10-1166</a>	
17	<a href="#">10-02-1172</a>	<a href="#">10-10-1176</a>	
18	<a href="#">10-02-1182</a>	<a href="#">10-10-1186</a>	
19	<a href="#">10-02-1192</a>	<a href="#">10-10-1196</a>	
20	<a href="#">10-02-1202</a>	<a href="#">10-10-1206</a>	

Plating: 1.00 microns Tin / 2.00 microns Copper min. (.000040" Tin / .000080" Copper min.) or 0.50 microns Gold / 0.75 microns Nickel min. (.000020" Gold / .000030" Nickel min.)

[www.molex.com/product/kk/kk.html](http://www.molex.com/product/kk/kk.html)

# 7.92mm (.312") Pitch SPOX<sup>™</sup> Header

**5096-NC**  
Straight  
Friction Lock

### Features and Benefits

- Sizes 3 to 5 circuits
- Friction locking wall for secure retention

### Reference Information

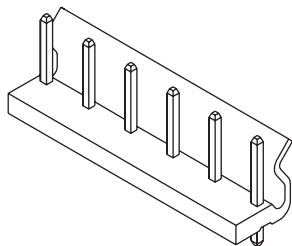
Packaging: Bag  
UL File No.: E29179  
CSA File No.: LR19980  
Mates With: 5195-N and 5239-N housings  
Designed In: Millimeters

### Electrical

Voltage: 250V  
Current: 7.0A  
Contact Resistance: 10 milliohms max.  
Dielectric Withstanding Voltage: 1500V AC/1 min.  
Insulation Resistance: 1000 Megohms min.

### Physical

Housing: 6/6 nylon, UL 94V-2  
Contact: Brass  
Plating: Tin  
Operating Temperature: -40 to +105°C



Circuits	Order No.	Lead-free
3	<a href="#">10-63-4037</a>	Yes
4	<a href="#">10-63-4047</a>	
5	<a href="#">10-63-4057</a>	