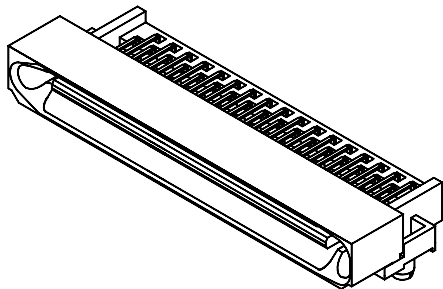


1.27mm (.050") Pitch EBBI™ 50D Plug

71661

Right Angle, Blind Mate



Circuits	Order No.	Lead-free
30	Contact Molex	Yes
40	71661-2540	
50	Contact Molex	
60	Contact Molex	
68	71661-2568	
	71661-2518*	
80	71661-2580	
100	71661-2511	
130	71661-2513	

* 3.18mm (.125") tails for thicker boards

Features and Benefits

- Polarized guide features provide generous 2.0mm radial lead-in for blind mating
- Chamfered lead-in on tails for PCB mounting
- Press-fit retention pegs for mechanical hold down before and after processing
- Surface Mount Compatible
- 2.79mm (.110") tail length

Reference Information

Product Specification: PS-71660
Packaging: Tray
UL File No.: E29179
CSA File No.: LR19980-239A
Mates With: 71660-7XXX, 87537
Designed In: Inches

Electrical

Voltage: 30V
Current: 1.0A
Contact Resistance: 20 milliohms max.
Dielectric Withstanding Voltage: 500V AC
Insulation Resistance: 100 Megohms min.

Mechanical

Contact Retention to Housing: 500g min.
Mating Force: 90g max.
Unmating Force: 15g min.
Normal Force: 90g
Durability: 500 cycles min.

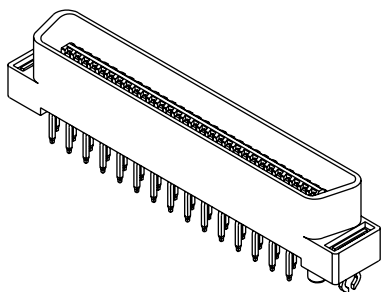
Physical

Housing: High-temperature thermoplastic, UL 94V-0
Contact: Copper Alloy
Plating: 30µ" min. Gold over Nickel in contact area,
100µ" min. Tin over Nickel on tails
Operating Temperature: -40 to +105°C

1.27mm (.050") Pitch EBBI™ 50D Plug

71661

Vertical



Features and Benefits

- Polarized D-shaped leaf-contact connector
- Metal retention clips for mechanical hold down before and after processing
- Low profile—12.50mm (.492") stack height for parallel board packaging
- Surface Mount Compatible

Reference Information

Product Specification: PS-71660
Packaging: Tray
UL File No.: E29179
CSA File No.: LR19980-239A
Mates With: 71660 and 87552
Designed In: Inches

Electrical

Voltage: 30V
Current: 1.0A
Contact Resistance: 20 milliohms max.
Dielectric Withstanding Voltage: 500V AC
Insulation Resistance: 100 Megohms min.

Mechanical

Contact Retention to Housing: 500g min.
Mating Force: 90g max.
Unmating Force: 15g min.
Normal Force: 90g
Durability: 500 cycles min.

Physical

Housing: High-temperature thermoplastic, UL 94V-0
Retention Clip: Copper Alloy
Contact: Copper Alloy
Plating: 30µ" min. Gold over Nickel in contact area,
100µ" min. Tin over Nickel on tails
Operating Temperature: -40 to +105°C

Circuits	Order No.		Lead-free
	PC Tail Length 2.79mm (.110")	PC Tail Length 3.40mm (.134")	
30	15-92-2430	15-92-2030	Yes
40	15-92-2440	15-92-2040	
50	15-92-2450	15-92-2050	
60	15-92-2460	15-92-2060	
68	15-92-2468	15-92-2068	

Circuits	Order No.		Lead-free
	PC Tail Length 2.79mm (.110")	PC Tail Length 3.40mm (.134")	
80	15-92-2480	15-92-2080	Yes
100	15-92-2500	15-92-2100	
120	15-92-2520	15-92-2120	
130	15-92-2530	15-92-2130	