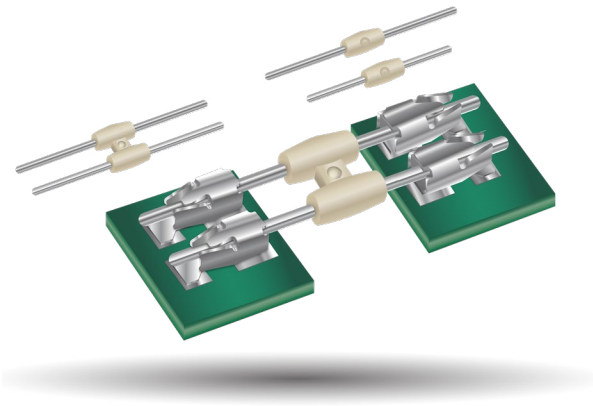
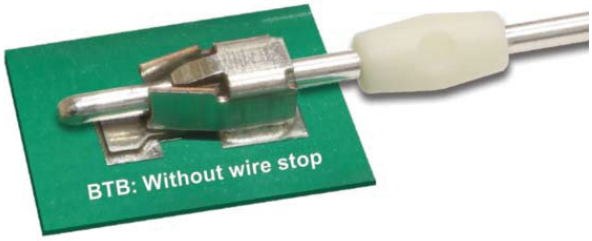
JUMPER:
10-9296-XXX

General Information



- Multiple jumper pins to be used in linear BTB applications
- 1.0mm pin diameter comes in a 38.15mm and 26mm length
  - 1.0mm pin to be used with 709296001025016
- 0.8mm pin diameter comes in a 16mm length
  - 0.8mm pin to be used with 709296001002016 and the 9296-202 series



APPLICATIONS

- The 709296001025016 and 709296001002016 contacts without a wire stop, allow the pin header to pass straight thru the contacts until the final seating/ mating dimension is achieved
- Single pin connection between linear PCB's
- 38mm pin allows for modules to be connected where the PCB is recessed within the plastic housing.
- Product Specification: Refer to 201-01-119
- Application Notes: Refer to 201-01-123

FEATURES AND BENEFITS

- Absorption of PCB and module mating tolerances by allowing the unrestricted pin to pass through the contact by eliminating the traditional wire stop
- Two different pin lengths and pin diameters to accommodate a number of board-to-board and module-to-module connections
- The unique geometry of the insulator lends itself to water tightness when matched with a corresponding housing cavity

ELECTRICAL

- Current Rating:
  1.0mm Pin Diameter = 6.5 Amps
  0.8mm Pin Diameter = 5 Amps
- Voltage Rating: 300 VAC (RMS) or DC equivalent
  Based on contact spacing

ENVIRONMENTAL

- Operating Temperature: -40°C to +105°C
- Storage Temperature: -40°C to +80°C

MECHANICAL

- Insulator Material: Glass-Filled Nylon PA-66; UL94V0
- Contact Material: Brass
- Plating: Lead-Free Tin Over Nickel
- Durability: 3 Cycles

HOW TO ORDER

10 — **Prefix**
10 = Plug

9296 — **Series**

00X — **Number of Positions**
001 = 1 pin
002 = 2 pin

XXX — **Pin Length**
0.8mm Dia. Pin
160 = 16mm
1.0mm Dia. Pin
260 = 26mm
381 = 38.15mm

X — **Housing Color**
Standard
9 = White/Natural
Special Order
2 = Brown
3 = Blue
4 = Yellow
5 = Red
6 = Green
7 = Orange

X — **Pin Size/Spacing**
Pin diameter/Spacing*
0 = ø 1.00 on 4.00mm Pitch
1 = ø 0.80 on 3.00mm Pitch

6 — **Contact Plating**
6 = Pure Tin

SALES DRAWINGS
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Safety Standards: UL 1977-File #E90723, CSA C22.2 NO. 182.3

RoHS compliant