

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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FHG.1B.316.CLAD76

SUMMARY

Wires

 Low
 16

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0

Series 1B

Termination type Male solder

IP rating 50

Cable Ø 7.30 - 7.60 mm

Matching parts EGG.1B.316.CLL

Status

Alternative part



Image is for illustrative purpose only

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Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model FH*: Elbow plug, cable collet

Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)

Housing Material Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Cable Fixing D76: 7.3 - 7.6 mm

Variant

Performance

Configuration 1B.316 : 16 Low Voltage

Insulator L: PEEK (UL 94 / V-0/3.2, depends on material thickness)

Rated Current 1.5 Amps

Specifications

Contact Type: Solder Max. Matings: 5000

Contact Dia.: 0.5 mm (0.02in) Bucket Dia.: 0.45 mm (0.018in)

Max. Solid Conductor: 0.09 mm^2 (AWG 28)
Max. Stranded Conductor: 0.09 mm^2 (AWG 28)

R (max): 8.7 mOhm

Vtest (contact-shell): 1250 V (AC), 1770 V (DC) Vtest (contact-contact): 800 V (AC), 1130 V (DC)

Others

Temp (min / max): -55° C / $+250^{\circ}$ C

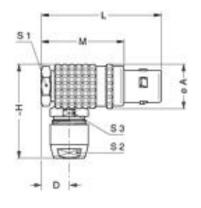
Humidity (max): $\leq 95\%$ [at 60 deg C /140 F]

Vibration: 15 g [10 Hz - 2000 Hz] Shock Resistance: 100 g [6 ms] Salt Spray Corrosion: >1000 hr Climatical Category: 50/175/21 Shielding (min): 75 dB (10 MHz) Shielding (min): 40 dB (1 GHz)

IP Rating: 50

DRAWINGS

Draws







Dimensions

| | А | D | Н | L | М | S1 | S2 | S 3 |
|-----|------|------|------|------|------|------|------|------------|
| mm. | 13.5 | 8 | 30.5 | 36.0 | 25.0 | 11 | 9 | 10 |
| in. | 0,53 | 0,31 | 1,20 | 1,42 | 0,98 | 0,43 | 0,35 | 0,39 |

RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.1B.015.PA090

Cables