

# FHG.1B.316.CLAD76

## SUMMARY

#### # Wires

Low 16 High 0 Coax n **Triax** 0 Quad 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 active

Alternative part



Image is for illustrative purpose only

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## **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

Weight 23.23 g

### **Performance**

Configuration 1B.316: 16 Low Voltage

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

**Rated Current** 1.5 Amps

## **Specifications**

Contact Type: Solder Max. Matings: 5000

Contact Dia.: 0.5 mm (0.02in)

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Bucket Dia.: 0.45 mm (0.018in)

Max. Solid Conductor: 0.09 mm<sup>2</sup> (AWG 28) Max. Stranded Conductor: 0.09 mm<sup>2</sup> (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):  $-55^{\circ}$ C /  $+250^{\circ}$ C

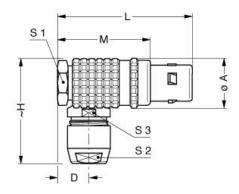
Humidity (max): <=95% [at 60 deg C /140 F]

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	<b>S</b> 3
mm.	13.5	8	30.5	36	25	11	9	10
in.	0,53	0,31	1,20	1,42	0,98	0,43	0,35	0,39

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# **RECOMMENDED BY LEMO**

Tools

Spanner wrench: DCD.1B.015.PA090

**Cables** 

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