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# FSG.1B.316.CLAD72Z

## **SUMMARY**

#### # Wires

 Low
 16

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0



Image is for illustrative purpose only

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#### **Series**

Termination type Male solder

IP rating 50

Cable Ø 6.30 - 7.20 mm

Matching parts EGG.1B.316.CLL

Status active

Alternative part

# **TECHNICAL DETAILS**

#### **Mechanics**

Shell Style/Model FS\*: Elbow (90°) plug Anglissimo (8 selective positions) with cable collet for bend relief

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 : 6.3 - 7.2 mm

**Variant** Z: Nut for fitting a bend relief

### **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)

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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**

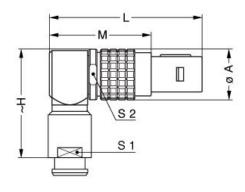
Humidity (max): <=95% [at 60 deg C /140 F]

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	L	М	<b>S</b> 1	S2
mm.	12	36.5	25.5	9	11
in.	0,47	1,44	1,00	0,35	0,43

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#### **Tools**

Spanner wrench: DCD.1B.015.PA090

### **Cables**

CMN.16.T28.070NNZZ			
116 280	PVC	Black	

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