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# FPG.0B.307.CLAD52Z

## **SUMMARY**

#### # Wires

 Low
 7

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0

Series 0B

Termination type Male solder

IP rating 50

Cable Ø 4.30 - 5.20 mm

Matching parts EGG.0B.307.CLL

Status active

Alternative part



Image is for illustrative purpose only

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# **TECHNICAL DETAILS**

#### **Mechanics**

Shell Style/Model FP\*: Elbow (90°) plug 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 D52: 4.3 - 5.2 mm

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

Weight 11.43 g

#### **Performance**

Configuration 0B.307: 7 Low Voltage

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

Rated Current 2.5 Amps

### **Specifications**

Contact Type: Solder Max. Matings: 5000

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Contact Dia.: 0.5 mm (0.02in) 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): #700 V (AC), 990 V (DC) Vtest (contact-contact): 800 V (AC), 1130 V (DC)

#### **Others**

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

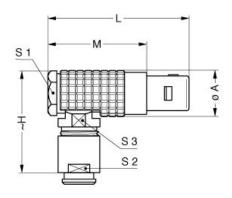
Humidity (max): <=95% [at 60 deg C /140 F]

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	Н	L	М	S1	S2	<b>S</b> 3
mm.	9.5	26.5	30	20	8	7	8
in.	0,37	1,04	1,18	0,79	0,31	0,28	0,31

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# **RECOMMENDED BY LEMO**

## **Tools**

Spanner wrench: DCD.0B.005.PA070

### Cables

CMN.07.T28.044PGCE	PVC	GREY	<b>&gt;</b> :====
CMN.07.T28.044PGZE		Grey	
CMN.07.T28.044PNCE	PVC	Black	<b>&gt;====</b>
CMN.07.T28.044PNZE			>

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