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# FPG.1B.307.CLAD42Z

## **SUMMARY**

#### # Wires

 Low
 7

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0

Series 1B

Termination type Male solder

IP rating 50

Cable Ø 3.10 - 4.20 mm

Matching parts EGG.1B.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** D42: 3.1 - 4.2 mm

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

Weight 22.53 g

#### **Performance**

Configuration 1B.307: 7 Low Voltage

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

Rated Current 7 Amps

### **Specifications**

Contact Type: Solder Max. Matings: 5000

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Contact Dia.: 0.7 mm (0.028in) Bucket Dia.: 0.8 mm (0.031in)

Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)

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R (max): 6.1 mOhm

Vtest (contact-shell): 1050 V (AC), 1490 V (DC) Vtest (contact-contact): 950 V (AC), 1340 V (DC)

#### **Others**

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

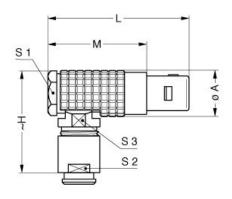
Humidity (max):  $\leq 95\%$  [at 60 deg C /140 F]

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	Н	L	М	S1	S2	<b>S</b> 3
mm.	12	33.5	36	25	11	9	10
in.	0,47	1,32	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

CMN.07.T26.037QGZE	TPR (medical)	Grey	
007 041	PVC	Grey	•
007 050	PVC	Black	<b>&gt;====</b>