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# FPG.1B.302.CLAD52

## **SUMMARY**

#### # Wires

 Low
 2

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0

Series 1B

Termination type Male solder

IP rating 50

Cable Ø 4.30 - 5.20 mm

Matching parts EGG.1B.302.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

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

Weight 21.63 g

#### **Performance**

Configuration 1B.302: 2 Low Voltage

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

Rated Current 15 Amps

## **Specifications**

Contact Type: Solder Max. Matings: 5000

Contact Dia.: 1.3 mm (0.051in)

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Bucket Dia.: 1 mm (0.039in)

Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20) Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20)

R (max): 3.6 mOhm

Vtest (contact-shell): 1350 V (AC), 1910 V (DC) Vtest (contact-contact): 1500 V (AC), 2120 V (DC)

### **Others**

Temp (min / max): -55°C / +250°C

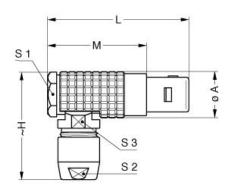
Humidity (max): <=95% [at 60 deg C /140 F]

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.	12	29	36	25	11	9	10
in.	0,47	1,14	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**

			400
CMN.02.T20.047PGCE	PVC	GREY	
CMN.02.T20.047PGZE		Grey	-
CMN.02.T20.047PNCE	PVC	Black	=
CMN.02.T20.047PNZE			= =
CMN.02.T20.048QGZE	TPR (medical)	Grey	-
CMN.02.T22.047PGCE	PVC	GREY	-
CMN.02.T22.047PGZE		Grey	-
CMN.02.T22.047PNCE	PVC	Black	
CMN.02.T22.047PNZE			= =
002 200	PVC	Black	
002 221	PVC	Black	- K
004 082	PVC	Grey	
120 240	PVC	Black	-
120 250	PVC	Grey	-
120 501	PVC	Grey	-

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