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# FPG.1B.307.CYCD52

## **SUMMARY**

#### # Wires

 Low
 7

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0

Series 1B

**Termination type** Male crimp

IP rating 50

Cable Ø 4.30 - 5.20 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

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 23.56 g

#### **Performance**

**Configuration** 1B.307 : 7 Low Voltage

Insulator Y: PEEK for crimp contacts

Rated Current 7 Amps

### **Specifications**

Contact Type: Crimp Max. Matings: 5000 Contact Retention: 22 N

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

Min. Conductor: 0.14 mm<sup>2</sup> (AWG 26) Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)

R (max): 6.1 mOhm

Vtest (contact-shell): 1450 V (AC), 2050 V (DC) Vtest (contact-contact): 1450 V (AC), 2050 V (DC)

#### **Others**

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

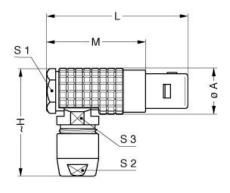
Humidity (max): <=95% [at 60 deg C /140 F]

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.	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**

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 22-24-26/6-5-5

Positionner: DCE.91.071.BVC Extractor: DCF.91.070.2LT

Replacement contact: FGG.1B.555.ZZC Spanner wrench: DCD.1B.015.PA090

#### **Cables**

CMN.07.T28.044PGCE	PVC	GREY	>====
CMN.07.T28.044PGZE		Grey	
CMN.07.T28.044PNCE	PVC	Black	<b>&gt;:====</b>
CMN.07.T28.044PNZE			
070 140	PVC	Grey	

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