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# FPG.1B.305.CYCD72

### SUMMARY

#### # Wires

 Low
 5

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

0

Series 1B

**Termination type** Male crimp

IP rating 50

**Cable Ø** 6.30 - 7.20 mm

Status active

Alternative part

Fluidic

Matching parts EGG.1B.305.CYM



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

**Variant** 

Weight 22.03 g

### **Performance**

**Configuration** 1B.305 : 5 Low Voltage

Insulator Y: PEEK for crimp contacts

Rated Current 9 Amps

### **Specifications**

Contact Type: Crimp Contact Retention: 30 N Contact Dia.: 0.9 mm (0.035in) Bucket Dia.: 1.1 mm (0.043in)

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Min. Conductor: 0.25 mm^2 (AWG 24) Max. Conductor: 0.5 mm^2 (AWG 20)

R (max): 4.8 mOhm

Vtest (contact-shell): 1550 V (AC), 2200 V (DC) Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

### **Others**

Endurance (Shell): 5000

Temp (min / max): -55°C / +250°C

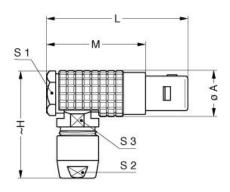
Humidity (max): <=95% [at 60 deg C /140 F]

Vibration: 15 g [10 Hz - 2000 Hz] Shock Resistance: 100 g [ 6 ms] Climatical Category: 50/175/21 Shielding (min): 75 dB (10 MHz) Shielding (min): 40 dB (1 GHz) Salt Spray Corrosion: >1000 hr

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 = 20-22-24/6-5-5

Positionner: DCE.91.091.BVC Extractor: DCF.91.090.2LT

Replacement contact: FGG.1B.560.ZZC Spanner wrench: DCD.1B.015.PA090

### Cables

