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FPG.1B.305.CYCD72

SUMMARY

Wires

Low 5 High 0 Coax n **Triax** 0 Quad Fiber 0

0

Series 1B

Termination type Male crimp

IP rating 50

Cable Ø 6.30 - 7.20 mm Matching parts EGG.1B.305.CLL

Status active

Alternative part

Fluidic



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 D72: 6.3 - 7.2 mm

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 Max. Matings: 5000 Contact Retention: 30 N

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Contact Dia.: 0.9 mm (0.035in) Bucket Dia.: 1.1 mm (0.043in)

Min. Conductor: 0.25 mm² (AWG 24) Max. Conductor: 0.5 mm² (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

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

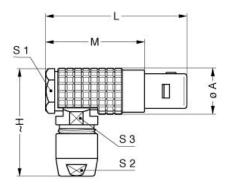
Humidity (max): $\leq 95\%$ [at 60 deg C /140 F]

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	S 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

250 500 PVC Grey	
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