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FPG.1B.304.CLAD52

SUMMARY

Wires

Low 4 High 0 Coax n **Triax** 0 Quad Fiber Fluidic

0

Series 1B

Termination type Male solder

IP rating 50

Cable Ø 4.30 - 5.20 mm Matching parts EGG.1B.304.CLL

Status active

Alternative part



Image is for illustrative purpose only

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Catalog

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 21.66 g

Performance

Configuration 1B.304: 4 Low Voltage

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

Rated Current 10 Amps

Specifications

Contact Type: Solder Max. Matings: 5000

Contact Dia.: 0.9 mm (0.035in)

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Bucket Dia.: 0.8 mm (0.031in)

Max. Solid Conductor: 0.34 mm² (AWG 22) Max. Stranded Conductor: 0.34 mm² (AWG 22)

R (max): 4.8 mOhm

Vtest (contact-shell): 1450 V (AC), 2050 V (DC) Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

Others

Temp (min / max): -55°C / +250°C

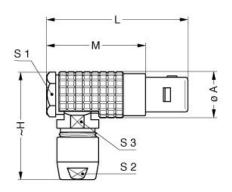
Humidity (max): <=95% [at 60 deg C /140 F]

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	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

Spanner wrench: DCD.1B.015.PA090

Cables

	2010		
CMN.04.T22.047PGCE	PVC	GREY	
CMN.04.T22.047PGZE		Grey	>
CMN.04.T22.047PNCE	PVC	Black	
CMN.04.T22.047PNZE			> ■■
CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	>
004 080	PVC	Grey	
004 221	PVC	Black	
004 280	PVC	Black	
040 260	PVC	Black	
080 080	PVC	Grey	
080 082	PVC	Red	
080 084	PVC	Black	
140 240	PVC	Black	
140 250	PVC	Grey	

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