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FPG.0B.305.CYCD52

SUMMARY

Wires

 Low
 5

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0



Image is for illustrative purpose only

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Catalog

Series

Termination type Male crimp

IP rating 50

Cable Ø 4.30 - 5.20 mm

Matching parts EGG.0B.305.CLL

Status active

Alternative part

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 94.3 - 5.2 mm

Variant

Performance

Configuration 0B.305 : 5 Low Voltage

Insulator Y: PEEK for crimp contacts

Rated Current 6.5 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^2 (AWG 26) Max. Conductor: 0.34 mm^2 (AWG 22)

R (max): 6.1 mOhm

Vtest (contact-shell): 1200 V (AC), 1700 V (DC) Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

Others

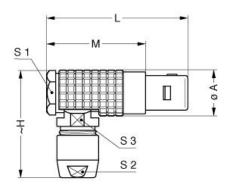
Humidity (max): <=95% [at 60 deg C /140 F]

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	M	S 1	S2	S 3
mm.	9.5	23	30	20	8	7	8
in.	0,37	0,91	1,18	0,79	0,31	0,28	0,31

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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.91.070.BVC Extractor: DCF.92.070.3LT

Replacement contact: FGG.0B.555.ZZC Spanner wrench: DCD.0B.005.PA070

Cables

CMN.05.T22.051PGCE	PVC	GREY	
CMN.05.T22.051PGZE		Grey	>€
CMN.05.T22.051PNCE	PVC	Black	
CMN.05.T22.051PNZE			>€
CMN.05.T22.051QGZE	TPR (medical)	Grey	>
050 090	PVC	Black	
050 140	PVC	Grey	

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