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FPG.0B.304.CYCD52Z

SUMMARY

Wires

 Low
 4

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0

Series 0B

Termination type Male crimp

IP rating 50

 Cable Ø
 4.30 - 5.20 mm

 Matching parts
 EGG.0B.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 for bend relief

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 Z: Nut for fitting a bend relief

Weight 12.88 g

Performance

Configuration 0B.304 : 4 Low Voltage
Insulator Y: PEEK for crimp contacts

Rated Current 7 Amps

Specifications

Contact Type: Crimp Max. Matings: 5000

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Contact Retention: 22 N 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-contact): 1350 V (AC), 1910 V (DC) Vtest (contact-shell): 1100 V (AC), 1560 V (DC)

Others

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

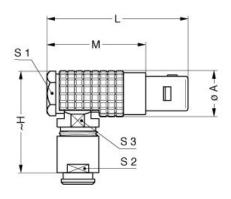
Humidity (max): <=95% [at 60 deg C /140 F]

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	S 3
mm.	9.5	26.5	30	20	8	7	8
in.	0,37	1,04	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.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	- K
140 250	PVC	Grey	>====