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FGK.1B.304.CYMD62Z

SUMMARY

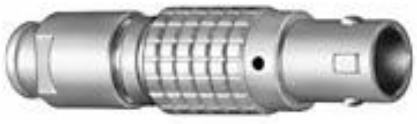


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Wires

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

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Catalog

Series	1B
Termination type	Female crimp
IP rating	50
Cable Ø	5.30 - 6.20 mm
Status	active
Alternative part	
Matching parts	EGK.1B.304.CYC

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying	2 keys (gamma=70, plug: female contacts, receptacle: male contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant	Z : Nut for fitting a bend relief
Weight	17.21 g

Performance

Configuration	1B.304 : 4 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	10 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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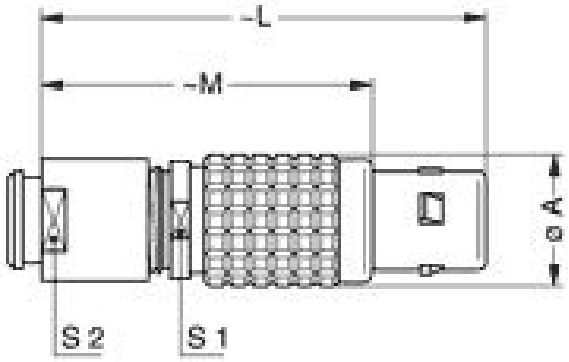
Min. Conductor: 0.25 mm^2 (AWG 24)
Max. Conductor: 0.5 mm^2 (AWG 20)
R (max): 4.8 mOhm
Vtest (contact-shell): 1800 V (AC), 2550 V (DC)
Vtest (contact-contact): 1700 V (AC), 2400 V (DC)

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

	A	L	M	S1	S2
mm.	12	42	31	10	9
in.	0,47	1,65	1,22	0,39	0,35

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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.BVM
Extractor: DCF.91.090.2LT
Replacement contact: EGG.1B.660.ZZM
Spanner wrench: DCD.1B.015.PA090

Cables

CMN.04.T20.053PGCE	PVC	GREY	
CMN.04.T20.053QGZE	TPR (medical)	Grey	
CMN.04.T20.053PGZE		Grey	
CMN.04.T20.053PNCE	PVC	Black	
CMN.04.T20.053PNZE			
004 220	PVC	Black	
104 200	PVC	Black	
240 500	PVC	Grey	

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