

SUMMARY



Wires

Low	2
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0
Material	Brass

Series

Termination type	Male crimp
IP rating	50
Cable Ø (mm)	5.30 - 5.60
Wire size / AWG	24.00 - 20.00

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet and nut for fitting a 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	: 5.3 - 5.6 mm
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	0B.302 : 2 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	10

Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 30 N
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1.1 mm (0.043in)
Min. Conductor: 0.25 mm ² (AWG 24)
Max. Conductor: 0.5 mm ² (AWG 20)
R (max): 4.8 mOhm
Vtest (contact-shell): 1050 V (AC), 1490 V (DC)

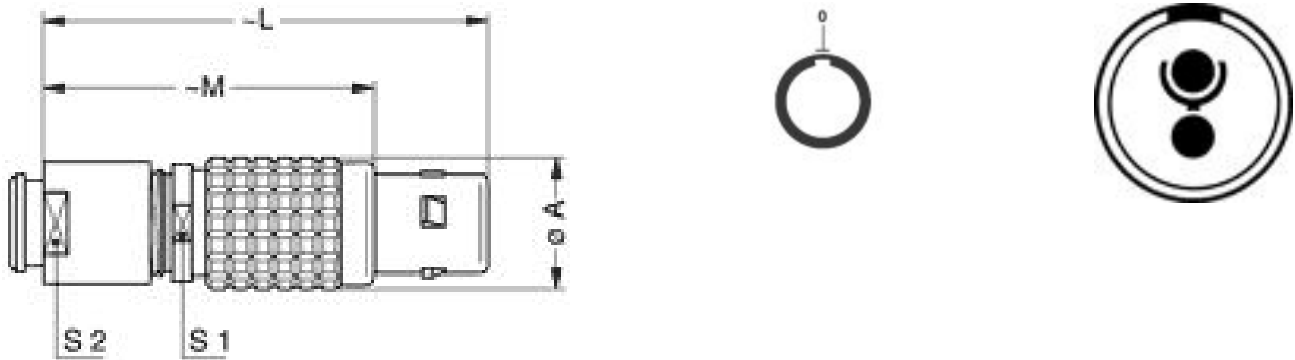
Others

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: >144 hr
 Climatical Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 IP Rating: 50

DRAWINGS

Draws



Dimensions






	A	L	M	S1	S2
mm.	9.5	35	25	8	7
in.	0.37	1.38	0.98	0.31	0.28

RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V
 Positionner: DCE.91.090.BVC
 Extractor: DCF.91.090.2LT
 Spanner: DCP.91.001.TN

Cables

120 184	PVC	Black	
120 500	PVC	Grey	
120 751	PVC	Grey	
CMU.02.090.054GB	PVC	Grey	
			

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CMU.02.100.057GB

PVC

Grey



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