

SUMMARY

Wires

Low	1
High	1
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	0B
Termination type	Female solder High-Voltage
IP rating	50
Cable Ø	4.30 - 5.20 mm
Matching parts	
Status	active
Alternative part	



Image is for illustrative purpose only

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet
Keying	2 keys (gamma=45, plug: female contacts, receptacle: male 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	9.32 g

Performance

Configuration	0B.701 : 1 High V. 1 Low V.
Insulator	J: PEEK/PEEK
Rated Current	7 Amps

Specifications

Contact Type: Solder
Test voltage HV Ue (kV dc) 8.3
Test voltage HV Ue (kV rms) 5.9

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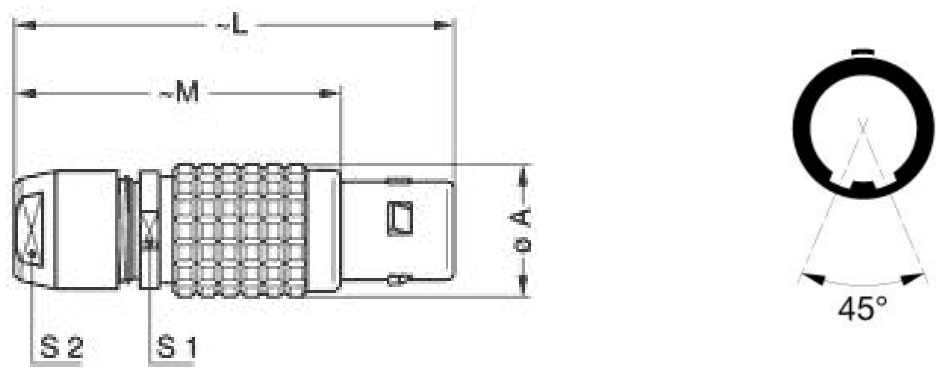
Test voltage LV cont-shell(kV dc) 1.35
Test voltage LV cont-shell(kV rms) 0.95

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

	A	L	M	S1	S2
mm.	9.5	36	26	8	7
in.	0,37	1,42	1,02	0,31	0,28

RECOMMENDED BY LEMO

Tools

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Spanner wrench: DCD.0B.005.PA070

Cables

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