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FHG.1B.702.CJAD52

SUMMARY

Wires

Low voltage	**2**
High voltage	**1**

Image is for illustrative purpose only

Series	1B
Termination type	Male solder Hybrid High-Voltage
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	4.30 - 5.20 mm
Status	active
Matching parts	EGG.1B.702.CJL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FH*: Elbow plug, cable collet
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces

Performance

Configuration	1B.702 : 1 High V. 2 Low V.
Insulator	J: PEEK/PEEK
Rated Current	12 Amps

Specifications

Contact Type: Solder
Test voltage HV Ue (kV dc) 7.5
Test voltage HV Ue (kV rms) 5.3
Rated current HV (A) 2
Test voltage LV cont-cont sold.(kV rms) 1.2
Test voltage LV cont-shell sold.(kV rms) 0.9
Rated current LV (A) 8

Others

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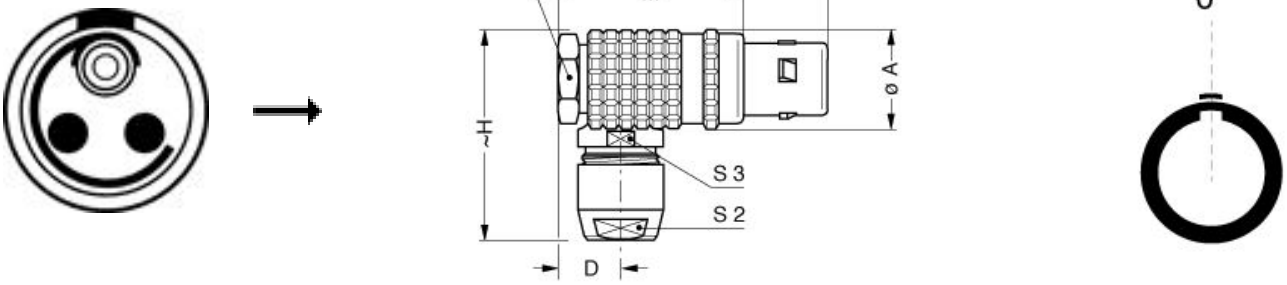
Endurance (Shell): 5000
Temp (min / max): -55°C / +250°C
Humidity (max): <=95% [at 60 deg C /140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	D	H	L	M	S1	S2	S3
mm.	13.5	8	30.5	36	25	11	9	10
in.	0,53	0,31	1,20	1,42	0,98	0,43	0,35	0,39

RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.1B.015.PA090

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