

SUMMARY

Wires

Low voltage	4
High voltage	1



Image is for illustrative purpose only

Series	2B
Termination type	Male solder Hybrid High-Voltage
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	3.10 - 4.00 mm
Status	obsolete
Alternative part	FGG.2B.704.CLAD42Z
Matching parts	EGG.2B.704.CLL

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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 [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Variant	Z : Nut for fitting a bend relief
Weight	32.68 g

Performance

Configuration	2B.704 : 1 High V. 4 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	5 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)	8
Test voltage LV cont-cont sold.(kV rms)	0.85
Test voltage LV cont-shell sold.(kV rms)	1.2

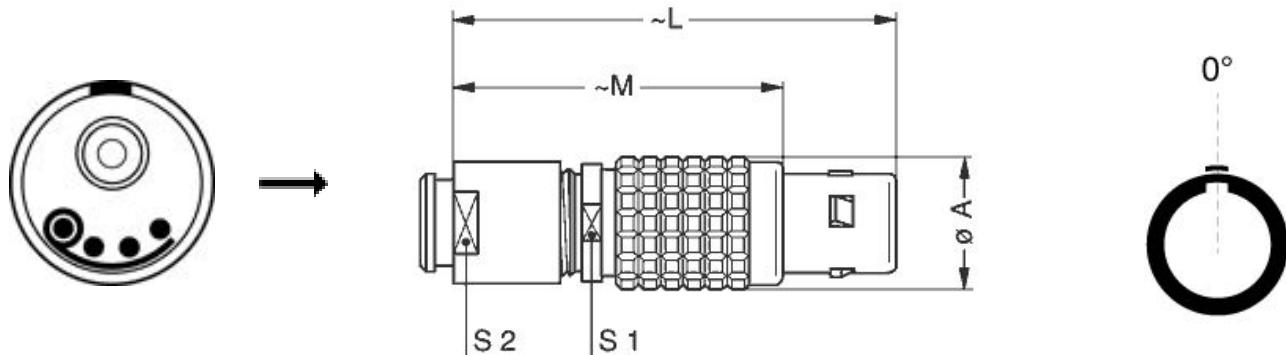
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Rated current LV (A) 5

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

DRAWINGS



Dimensions

	A	L	M	S1	S2
mm.	15	49	37	13	12
in.	0,59	1,93	1,46	0,51	0,47

RECOMMENDED BY LEMO

Tools

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Spanner wrench: [DCD.2B.025.PA120](#)

Caps: [BFG.2B.100.PCSG](#)

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