

SUMMARY

Wires

Low voltage	2
High voltage	1



Image is for illustrative purpose only

Series	2E
Termination type	Male solder Hybrid High-Voltage
IP rating	68
AWG wire size	0.00 - 99.00
Cable Ø	6.60 - 7.00 mm
Status	active
Matching parts	ERA.2E.702.CJL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
Keying	Hermaphroditic keying (half moon insert) with male pin 1
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
Weight	41.71 g

Performance

Configuration	2E.702 : 1 High V. 2 Low V.
Insulator	J: PEEK/PEEK
Rated Current	15 Amps

Specifications

Contact Type: Solder
Test voltage HV contact - Ue (kV rms) 6.3
Air clearance min.: 10 mm
Creepage distance min.: 10 mm

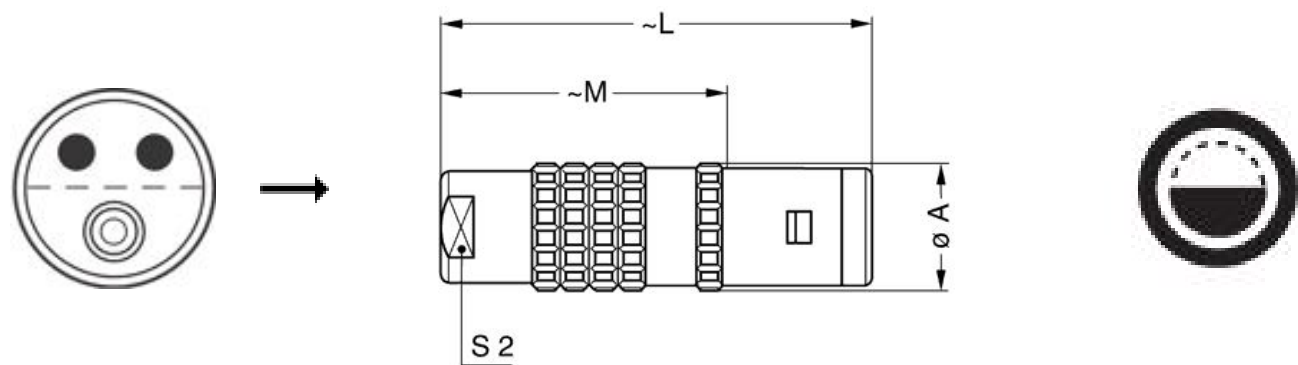
Others

Endurance (Shell): 5000 mating cycles

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Temp (min / max): -55° C / +200° 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): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	M	S2
mm.	16	52	36	12
in.	0,63	2,05	1,42	0,47

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.2E.020.PA120](#)
Caps: [BFA.2E.100.NAS](#)

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