

SUMMARY

Wires

Low voltage	4
High voltage	2



Image is for illustrative purpose only

Series	3E
Termination type	Male solder Hybrid High-Voltage
IP rating	68
AWG wire size	0.00 - 99.00
Cable Ø	4.60 - 5.00 mm
Status	active
Matching parts	ERA.3E.734.CJL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet and nut for fitting a bend relief
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
Variant	Z : Nut for fitting a bend relief
Weight	73.24 g

Performance

Configuration	3E.734 : 2 High V. 4 Low V.
Insulator	J: PEEK/PEEK
Rated Current	LV 10, HV 3 Amps

Specifications

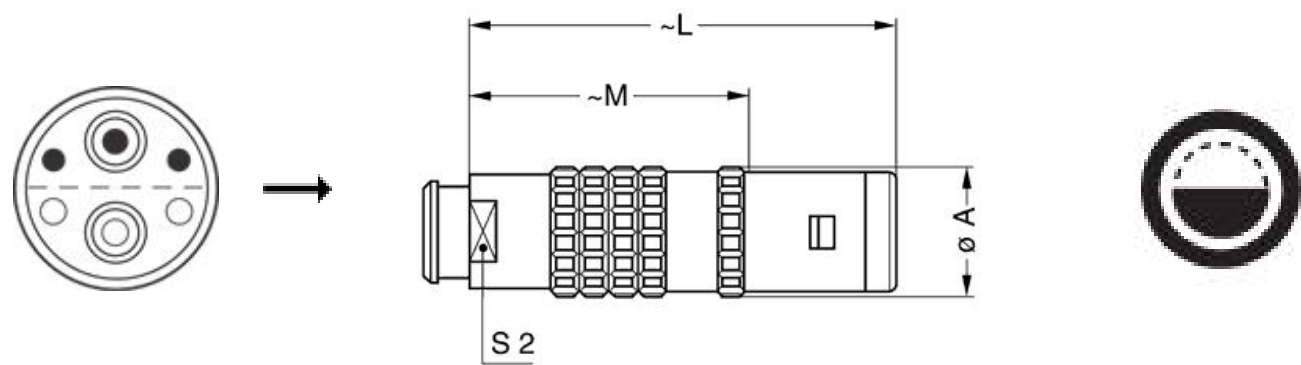
Contact Type: Solder
Working voltage HV contact - Us (kV rms) 8
Test voltage LV Ue (kV rms) 1.8
Please use heatshrink to guarantee High Voltage performance ▢

Others

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Endurance (Shell): 5000 mating cycles
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.	19	60	40	15
in.	0,75	2,36	1,57	0,59

RECOMMENDED BY LEMO

Tools

- Spanner wrench: [DCD.3E.030.PA150](#)
Caps: [BFA.3E.100.NAS](#)

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