

## SUMMARY

### # Wires

Low voltage	7
High voltage	1



*Image is for illustrative purpose only*

Series	3E
Termination type	Male solder Hybrid High-Voltage
IP rating	68
AWG wire size	0.00 - 0.00
Cable Ø	10.60 - 12.00 mm
Status	active
Matching parts	<a href="#">ERA.3E.707.CLL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug with oversize 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	107.78 g

### Performance

Configuration	3E.707 : 1 High V. 7 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	LV 8, HV 3 Amps

### Specifications

Contact Type: Solder  
Working voltage HV contact - Us (kV rms) 2.1  
Test voltage LV Ue (kV rms) 1  
Please use heatshrink to guarantee High Voltage performance ▢

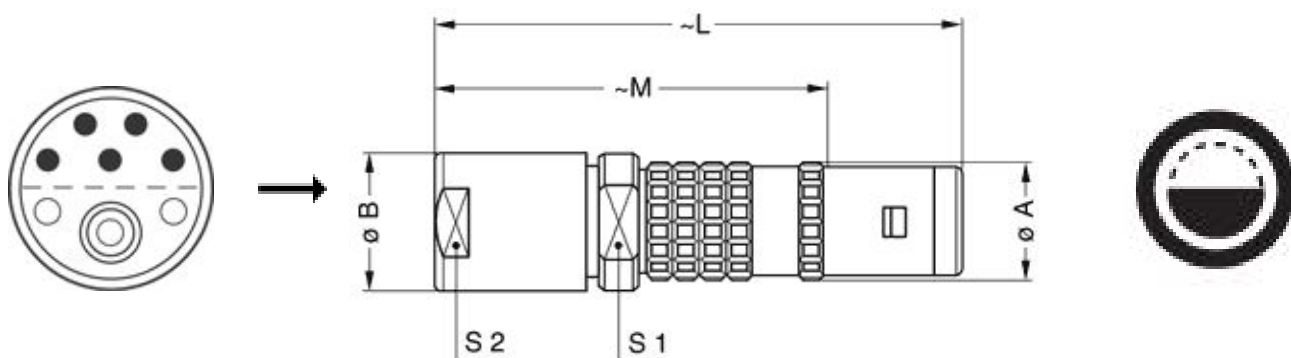
### Others

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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

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## DRAWINGS



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## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.3E.030.PA150](#)

Caps: [BFA.3E.100.NAS](#)

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