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FFA.3E.707.CLAC75Z

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 mated (mating interface)
AWG wire size	0.00 - 0.00
Cable Ø	7.10 - 7.50 mm
Status	active
Matching parts	ERA.3E.707.CLL

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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, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Variant	Z : Nut for fitting a bend relief
Weight	70.41 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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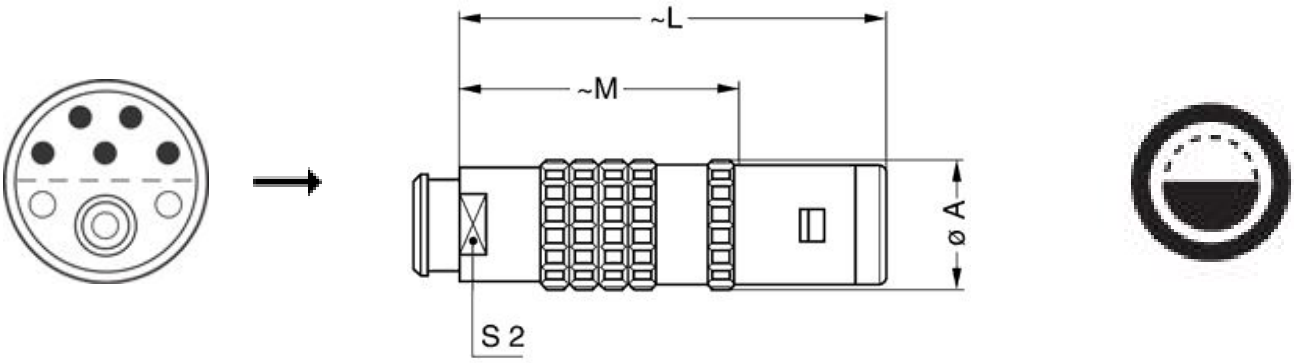
Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +200°C
Humidity (max): <=95% [at 60 deg C /140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

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.ZZZ.PA150
Caps: BFA.3E.100.NAS

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