

SUMMARY

Wires

Low voltage 10



Image is for illustrative purpose only

Series	3E
Termination type	Male solder
IP rating	68
AWG wire size	28.00 - 20.00
Cable Ø	6.60 - 7.00 mm
Status	active
Matching parts	ERA.3E.310.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 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	68.78 g

Performance

Configuration	3E.310 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	9 Amps

Specifications

Contact Type: Solder
 Contact Dia.: 1.3 mm (0.051in)
 Bucket Dia.: 1 mm (0.039in)
 Max. Solid Conductor: 0.5 mm² (AWG 20)
 Max. Stranded Conductor: 0.5 mm² (AWG 20)
 R (max): 3.6 mOhm

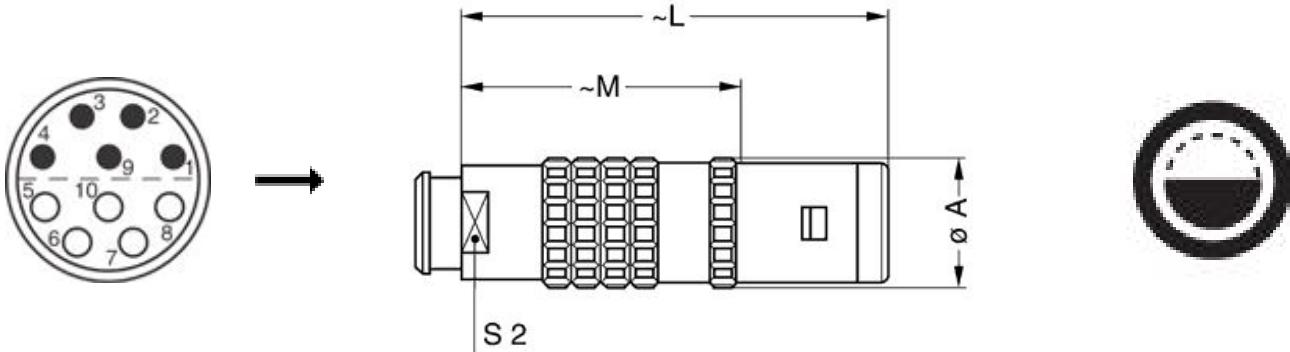
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Vtest: 1060 V (AC), 1500 V (DC)

Others

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

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

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

Cables

CMN.10.T22.068QGZE	TPR (medical)	Grey	
210240	PVC	Black	
210250	PVC	Grey	

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