

## SUMMARY

### # Wires

High voltage 1

*Image is for illustrative purpose only*

Series 1E  
Termination type Male solder High-Voltage  
IP rating 68  
AWG wire size 0.00 - 0.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [FFA.1E.405.CTLC25](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model ERA\*: Fixed receptacle, nut fixing  
Keying Circular, male  
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 19.85 g

### Performance

Configuration 1E.405 : 1 High Voltage  
Insulator T: PTFE  
Rated Current 8 Amps

### Specifications

Contact Type: Solder  
Test voltage (kV DC) 10.5  
Test voltage (kV AC) 7.5  
Creepage distance min.: 10.5 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

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## DRAWINGS



### Dimensions

	A	B	E	L	L1	M	S1	S3	e
mm.	20	21.5	9	36	25.3	4.5	14.5	19	M16x1.0
in.	0,79	0,85	0,35	1,42	1,00	0,18	0,57	0,75	

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## RECOMMENDED BY LEMO

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