

SUMMARY

Wires

High voltage 1

Image is for illustrative purpose only

Series 1E
Termination type Female 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.CTAC15](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model ERA*: Fixed receptacle, nut fixing
Keying Circular, female
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 19.74 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

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	

RECOMMENDED BY LEMO

Tools

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