ERA.0S.403.CTA

SUMMARY

Wires

High voltage	1

Image is for illustrative purpose only

Series	0S
Termination type	Male solder High-Voltage
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FFA.0S.403.CTLC42

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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	4.41 g

Performance

Configuration	0S.403 : 1 High Voltage
Insulator	T: PTFE
Rated Current	4 Amps

Specifications

Contact Type: Solder
Test voltage (kV DC) 6
Test voltage (kV AC) 4.2
Air clearance min.: 6.8 mm
Creepage distance min.: 7 mm

Others

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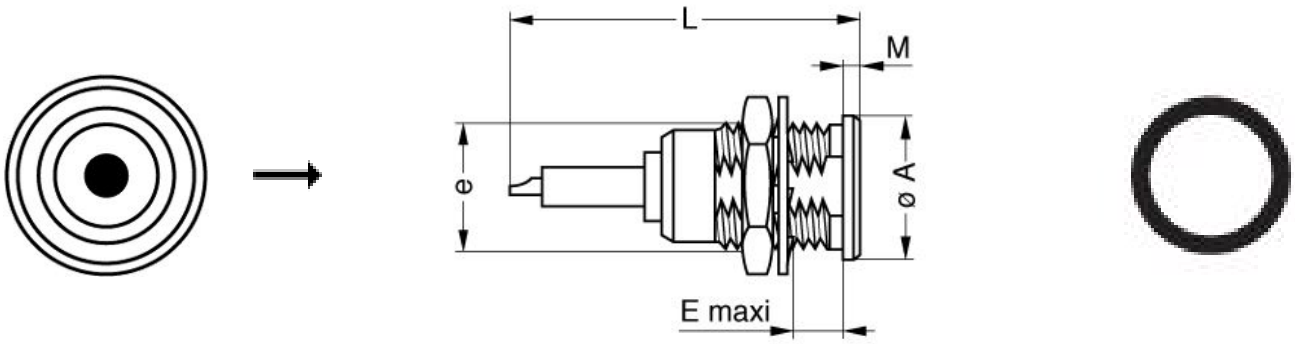
Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +250°C
Humidity (max): <=95% [at 60 deg C /140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	E	L	M	e
mm.	10	7	25	1.2	M9x0.6
in.	0,39	0,28	0,98	0,05	

RECOMMENDED BY LEMO

Tools

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