

SUMMARY

Wires

High voltage	1
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Image is for illustrative purpose only

Series	0S
Termination type	Female solder High-Voltage
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	3.80 - 4.40 mm
Status	active
Matching parts	FFA.0S.403.CTAC42

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PSA*: Fixed receptacle, nut fixing, cable collet
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	7.99 g

Performance

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

Specifications

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

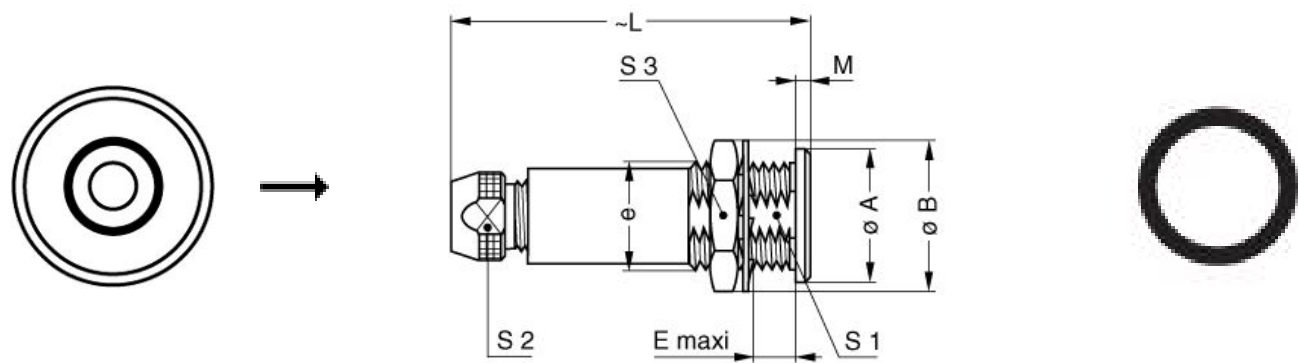
Others

Endurance (Shell): 5000 mating cycles

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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: >144 hr

DRAWINGS



Dimensions

	A	B	C	E	L	M	S1	S2	S3	e
mm.	10	12.5	4.2	7	33.5	1.2	8.2	6.5	11	M9x0.6
in.	0,39	0,49	0,17	0,28	1,32	0,05	0,32	0,26	0,43	

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.05.005.PA065](#)

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