

## SUMMARY

### # Wires

Low	0
High	1
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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Series	3S
Termination type	Female solder High-Voltage
IP rating	50
Cable Ø	4.30 - 5.70 mm
Matching parts	
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PSA*: Fixed receptacle, nut fixing, cable collet
Keying	Circular (can rotate), plug has male contact(s)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 4.3 - 5.7 mm
Variant	
Weight	57.00 g

### Performance

Configuration	3S.405 : 1 High Voltage
Insulator	T: PTFE
Rated Current	15 Amps

### Specifications

Contact Type: Solder	
Test voltage (kV DC)	10.5
Test voltage (kV AC)	7.5

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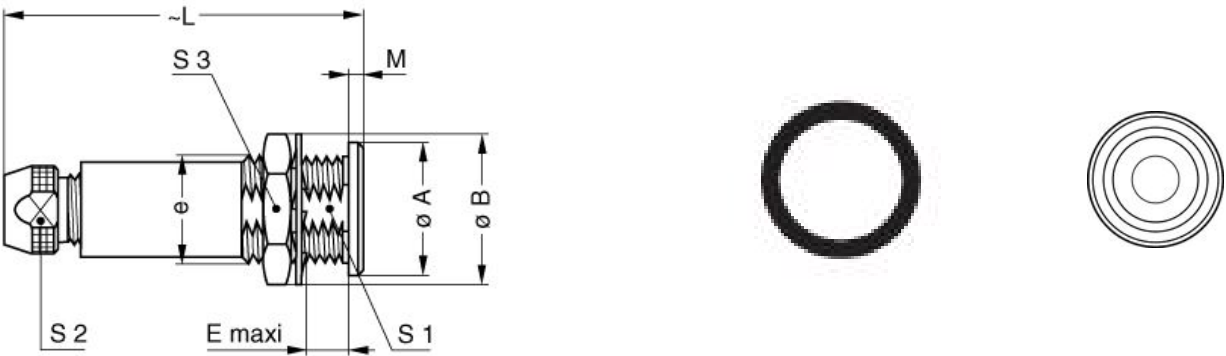
Air clearance (mm): 12.8  
Creepage dist.(mm): 12.9

Others

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]  
Salt Spray Corrosion: >144 hr  
Climatical Category: 50/175/21  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	B	E	L	M	S1	S2	S3	e
mm.	22	25.2	11.5	59	2	16.5	14	22	M18x1.0
in.	0,87	0,99	0,45	2,32	0,08	0,65	0,55	0,87	

RECOMMENDED BY LEMO

Tools

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Spanner wrench: MTZ.3S.500.014

## Cables

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