

## SUMMARY

### # Wires

High voltage	1
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*Image is for illustrative purpose only*

Series	1S
Termination type	Male solder High-Voltage
IP rating	68
AWG wire size	28.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	HGP*: Fixed receptacle, nut fixing, watertight or vacuum-tight
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
Variant	P : Watertight
Weight	20.60 g

### Performance

Configuration	1S.405 : 1 High Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8 Amps

### Specifications

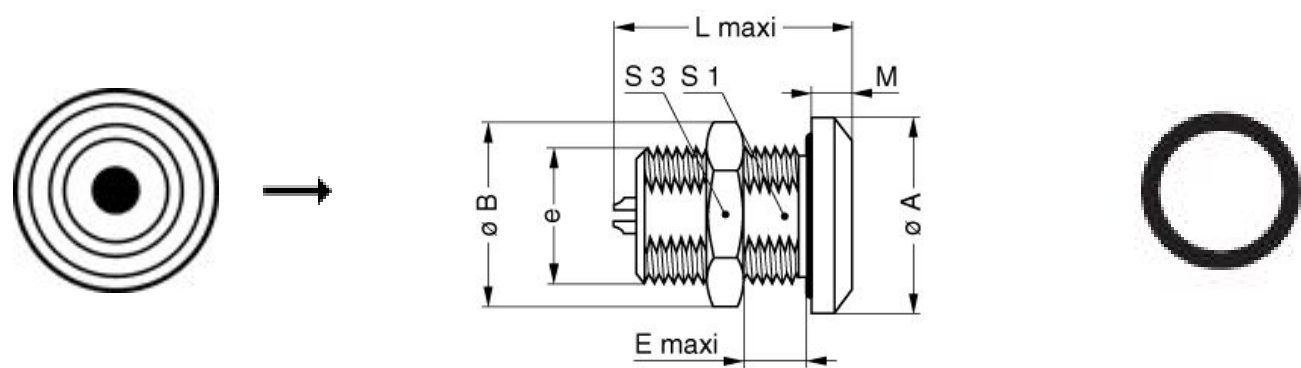
Contact Type: Solder	
Test voltage (kV DC)	10.5
Test voltage (kV AC)	7.5
Creepage distance min.:	10.5 mm

### Others

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Endurance (Shell): 5000 mating cycles  
Temp (min / max): -20°C / +100°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: 20/80/21  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
Salt Spray Corrosion: >1000 hr  
Pressure: 60 bars

## DRAWINGS



### Dimensions

	A	B	E	L	M	S1	S3	e
mm.	20	19.2	15.5	25	4	12.5	17	M14x1.0
in.	0,79	0,76	0,61	0,98	0,16	0,49	0,67	

## RECOMMENDED BY LEMO

### Tools

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