

## SUMMARY

### # Wires

Low voltage	2
High voltage	1

*Image is for illustrative purpose only*

Series	2E
Termination type	Female solder Hybrid
IP rating	68
AWG wire size	0.00 - 99.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">FFA.2E.702.CJAC70</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	HGP*: Fixed receptacle, nut fixing, watertight or vacuum-tight
Keying	Hermaphroditic keying (half moon insert) with female pin 1
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	PV : Watertight / Vacuum-tested
Weight	45.12 g

### Performance

Configuration	2E.702 : 1 High V. 2 Low V.
Insulator	J: PEEK/PEEK
Rated Current	15 Amps

### Specifications

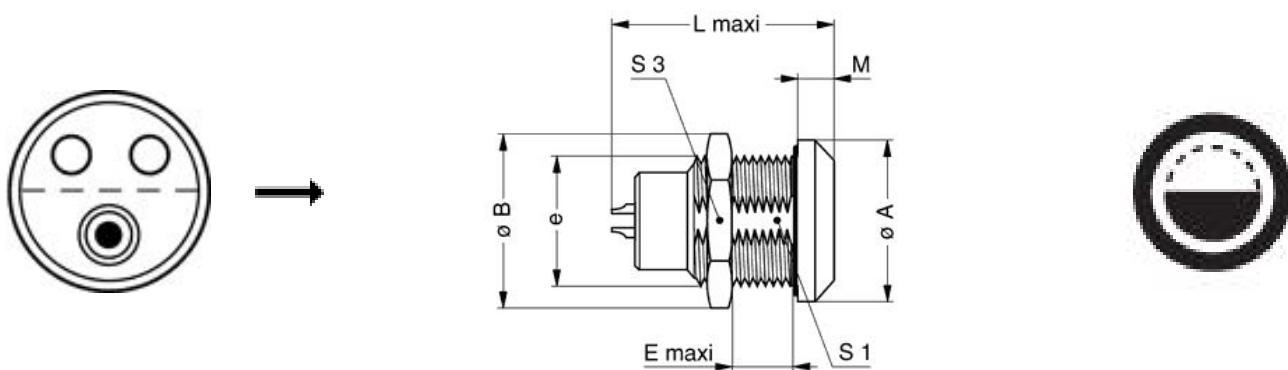
Contact Type:	Solder
Test voltage HV contact - Ue (kV rms)	6.3
Air clearance min.:	10 mm
Creepage distance min.:	10 mm

### Others

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Endurance (Shell): 5000 mating cycles  
 Temp (min / max): -20°C / +80°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): 95 dB (10 MHz)  
 Shielding (min): 80 dB (1 GHz)  
 R leak (He) (max): 0.0000001 mbar\*l/s (if vacuum-tested)  
 Salt Spray Corrosion: >1000 hr  
 Pressure: 40 bars

## DRAWINGS



### Dimensions

	A	B	E	L	M	S1	S3	e
mm.	25	27.5	10.5	32.5	5	18.5	24	M20x1.0
in.	0,98	1,08	0,41	1,28	0,20	0,73	0,94	

## RECOMMENDED BY LEMO

### Tools

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