

## SUMMARY

### # Wires

Low voltage	1
High voltage	1



*Image is for illustrative purpose only*

Series	0B
Termination type	Female solder Hybrid
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	4.30 - 5.20 mm
Status	Active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug, cable collet
Keying	2 keys (gamma=45, plug: female contacts, receptacle: male contacts)
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	9.32 g

### Performance

Configuration	0B.701 : 1 High V. 1 Low V.
Insulator	J: PEEK/PEEK
Rated Current	7 Amps

### Specifications

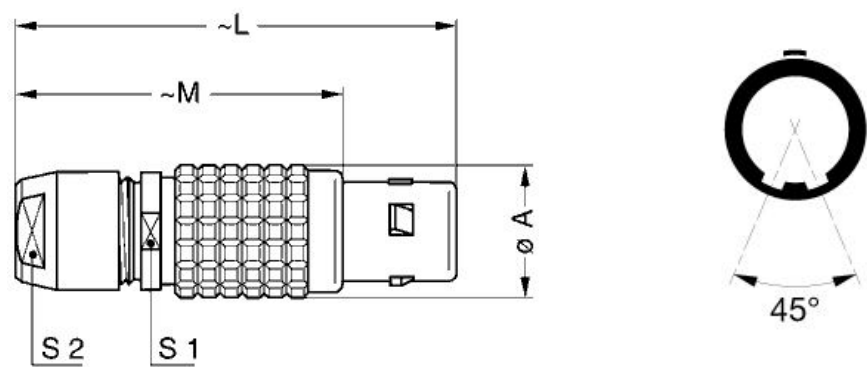
Contact Type: Solder
Test voltage HV Ue (kV dc) 8.3
Test voltage HV Ue (kV rms) 5.9
Test voltage LV cont-shell(kV dc) 1.35
Test voltage LV cont-shell(kV rms) 0.95

### Others

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Endurance (Shell): 5000  
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	L	M	S1	S2
mm.	9.5	36	26	8	7
in.	0,37	1,42	1,02	0,31	0,28

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.0B.ZZZ.PA070](#)

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