

## SUMMARY

### # Wires

Low voltage	10
High voltage	2



*Image is for illustrative purpose only*

Series	3B
Termination type	Male solder Hybrid High-Voltage
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	4.90 - 6.20 mm
Status	active
Matching parts	<a href="#">EGG.3B.740.CJL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying	1 key (alpha=0, plug: male contacts, receptacle: female 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
Variant	Z : Nut for fitting a bend relief

### Performance

Configuration	3B.740 : 2 High V. 10 Low V.
Insulator	J: PEEK/PEEK
Rated Current	3 Amps

### Specifications

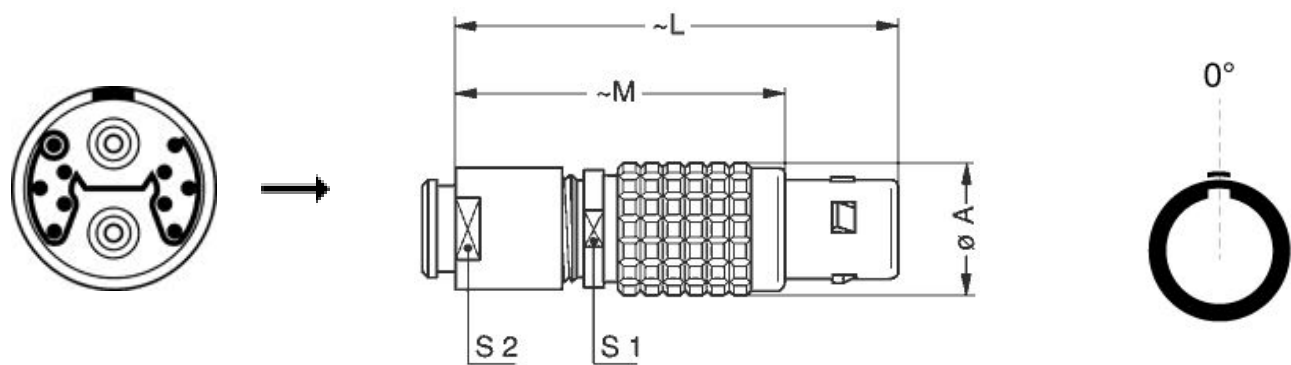
Contact Type: Solder  
Test voltage HV Ue(kV rms) 17.1  
Rear of connector must be protected: ATUM  
Working voltage LV Ue (kV rms) 0.2  
Air clearance min.: 12.7 mm

### 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.	18	56.5	41.5	15	15
in.	0,71	2,22	1,63	0,59	0,59

## RECOMMENDED BY LEMO

### Tools

- Spanner wrench: [DCD.3B.040.PA150](#)  
Caps: [BFG.3B.100.PCSG](#)

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