

## SUMMARY

### # Wires

Low voltage	4
High voltage	1



Image is for illustrative purpose only

Series	2B
Termination type	Female solder Hybrid
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	6.30 - 7.20 mm
Status	active
Matching parts	<a href="#">FGG.2B.704.CLAD72</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PH*: Free receptacle, cable collet
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
Weight	37.55 g

### Performance

Configuration	2B.704 : 1 High V. 4 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	5 Amps

### Specifications

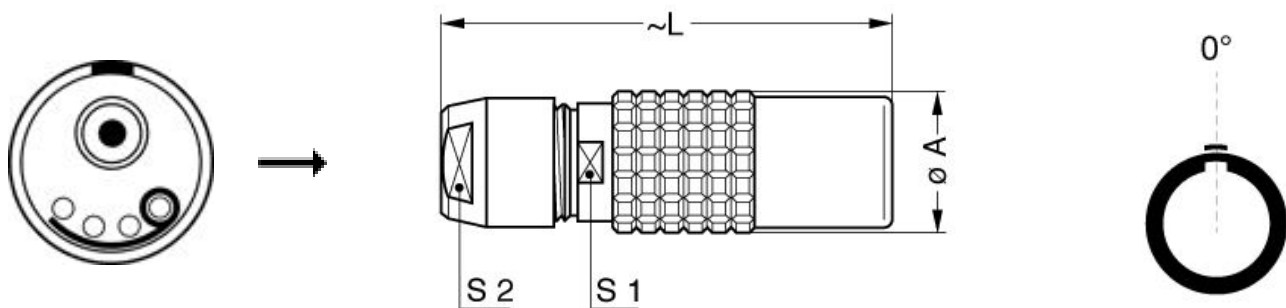
Contact Type:	Solder
Test voltage HV Ue (kV dc)	7.5
Test voltage HV Ue (kV rms)	5.3
Rated current HV (A)	8
Test voltage LV cont-cont sold.(kV rms)	0.85
Test voltage LV cont-shell sold.(kV rms)	1.2
Rated current LV (A)	5

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## Others

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	S1	S2
mm.	16.5	47	13	12
in.	0,65	1,85	0,51	0,47

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.2B.025.PA120](#)

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[FGJ.1B.304.CLLD76](#) [FGJ.1B.306.CWLD72](#) [FGJ.3B.304.CYMD10Z](#) [FGJ.3B.304.CYMD82Z](#) [FHG.1B.303.CYCZ](#) [PCS.01.250.DLLE24](#)  
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