

## SUMMARY

### # Wires

|              |   |
|--------------|---|
| Low voltage  | 4 |
| High voltage | 1 |



*Image is for illustrative purpose only*

|                  |                                 |
|------------------|---------------------------------|
| Series           | 2B                              |
| Termination type | Male solder Hybrid High-Voltage |
| 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            | 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Housing Material  |                                                                   |
| Weight            | 28.96 g                                                           |

### Performance

|               |                             |
|---------------|-----------------------------|
| Configuration | 2B.704 : 1 High V. 4 Low V. |
| Insulator     | J: PEEK/PEEK                |
| Rated Current | 5 Amps                      |

### Specifications

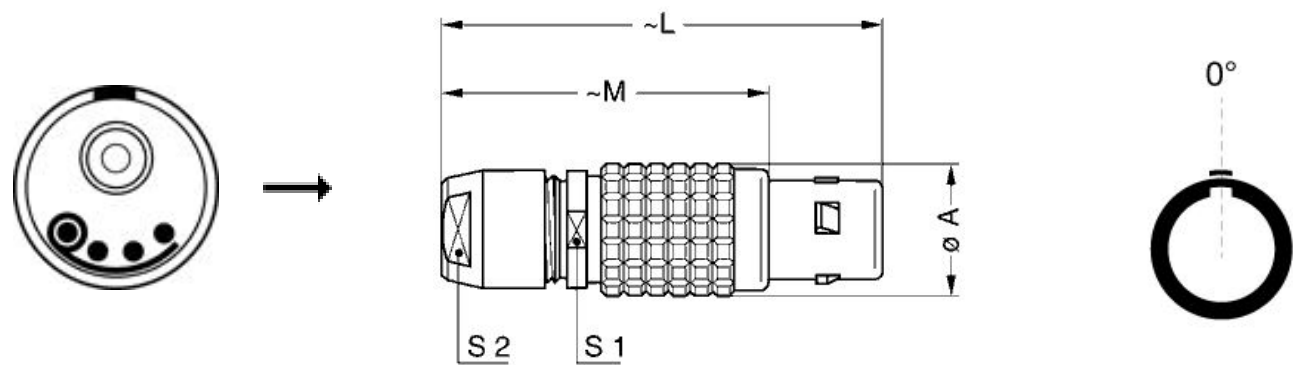
|                                              |
|----------------------------------------------|
| Contact Type: Solder                         |
| Test voltage HV Ue (kV dc) 7.5               |
| Test voltage HV Ue (kV rms) 5.3              |
| Rated current HV (A) 8                       |
| Test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

### 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)

## DRAWINGS



### Dimensions

|     | A    | L    | M    | S1   | S2   |
|-----|------|------|------|------|------|
| mm. | 15   | 50   | 38   | 13   | 12   |
| in. | 0,59 | 1,97 | 1,50 | 0,51 | 0,47 |

## RECOMMENDED BY LEMO

### Tools

- Spanner wrench: [DCD.2B.025.PA120](#)
- Caps: [BFG.2B.100.PCSG](#)

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