

SUMMARY

Wires

| | |
|--------------|----|
| Low voltage | 40 |
| High voltage | 1 |



Image is for illustrative purpose only

| | |
|------------------|---------------------------------|
| Series | 5B |
| Termination type | Male solder Hybrid High-Voltage |
| IP rating | 50 |
| AWG wire size | 0.00 - 0.00 |
| Cable Ø | 19.60 - 21.50 mm |
| Status | active |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | FG*: Straight plug, cable collet |
| Keying | 5 keys (alpha=95, beta=115, gamma=20, delta=30, 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 | 308.29 g |

Performance

| | |
|---------------|---|
| Configuration | 5B.740 : 1 High Voltage, 40 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 4.5 Amps |

Specifications

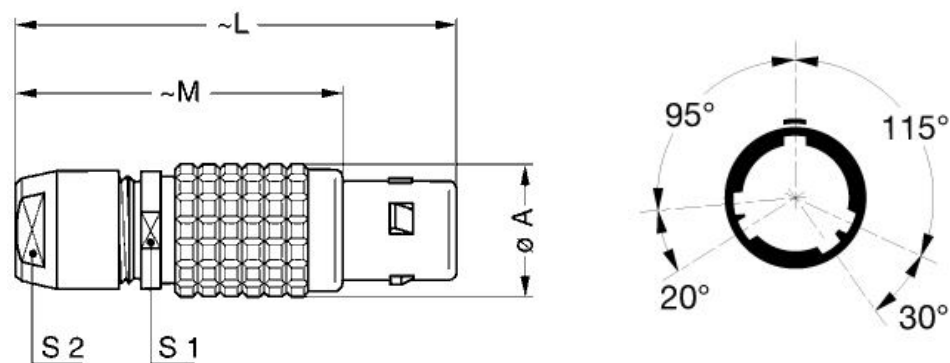
| | |
|--|-----------------------|
| Contact Type: | Solder |
| Test voltage contact-contact : | 1.15 kV rms |
| Test voltage contact-body shell : | 1.55 kV rms |
| Test voltage contact-inner high voltage plug shell : | 1.8 kV rms |
| Test voltage for the inner high voltage plug : | 10.5 kVdc, 7.5 kV rms |

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. | 35 | 103 | 78 | 31 | 30 |
| in. | 1,38 | 4,06 | 3,07 | 1,22 | 1,18 |

RECOMMENDED BY LEMO

Tools

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