

SUMMARY

Wires

| | |
|--------------|----|
| Low voltage | 10 |
| High voltage | 2 |



Image is for illustrative purpose only

| | |
|------------------|-----------------------------------|
| Series | 3B |
| Termination type | Female solder Hybrid |
| IP rating | 50 |
| AWG wire size | 30.00 - 22.00 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | active |
| Matching parts | FGG.3B.740.CJAD10 |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | EG*: Fixed receptacle, nut fixing |
| 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 | 24.84 g |

Performance

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

Specifications

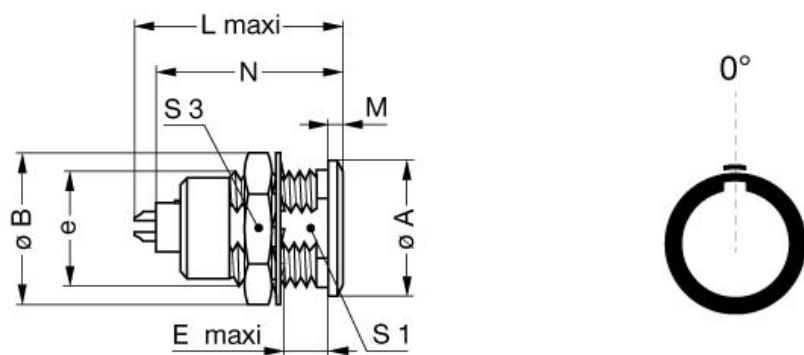
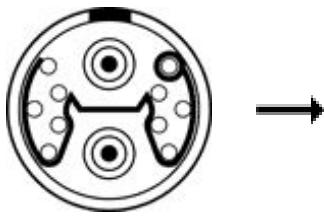
| | |
|--------------------------------------|---------|
| Contact Type: | Solder |
| Test voltage HV Ue(kV rms) | 17.1 |
| Rear of connector must be protected: | ATUM |
| Working voltage LV Ue (kV rms) | 0.2 |
| Air clearance min.: | 12.7 mm |

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 | B | E | L | M | N | S1 | S3 | e |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 22 | 25 | 11.5 | 30.7 | 2 | 28.1 | 16.5 | 22 | M18x1.0 |
| in. | 0,87 | 0,98 | 0,45 | 1,21 | 0,08 | 1,11 | 0,65 | 0,87 | |

RECOMMENDED BY LEMO

Tools

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