

SUMMARY

Wires

Low voltage 8



Image is for illustrative purpose only

Series 2B
Termination type Male crimp
IP rating 50
AWG wire size 24.00 - 20.00
Cable Ø 4.30 - 5.20 mm
Status active
Matching parts [EGB.2B.308.CYM](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying 2 keys (alpha=45, 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
Weight 30.97 g

Performance

Configuration 2B.308 : 8 Low Voltage
Insulator Y: PEEK for crimp contacts
Rated Current 10 Amps

Specifications

Contact Type: Crimp
Contact Retention: 30 N
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1.1 mm (0.043in)
Min. Conductor: 0.25 mm² (AWG 24)
Max. Conductor: 0.5 mm² (AWG 20)

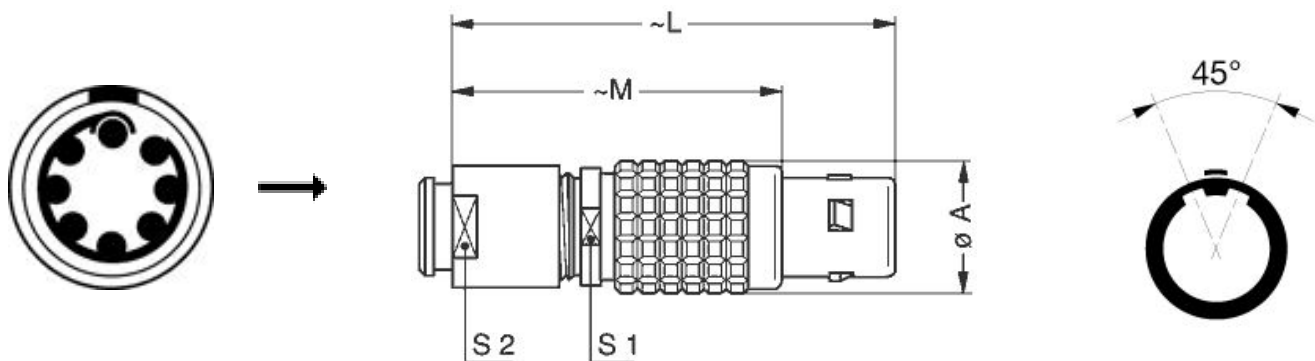
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R (max): 4.8 mOhm
 Vtest (contact-shell): 1950 V (AC), 2800 V (DC)
 Vtest (contact-contact): 1950 V (AC), 2750 V (DC)

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 | M | S1 | S2 |
|-----|------|------|------|------|------|
| mm. | 15 | 49 | 37 | 13 | 12 |
| in. | 0,59 | 1,93 | 1,46 | 0,51 | 0,47 |

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Tools

| | |
|----------------------|----------------------------------|
| Crimp Tool: | DPC.91.701.V |
| Crimp settings: | AWG/Selector = 20-22-24/6-5-5 |
| Positionner: | DCE.91.092.BVC |
| Extractor: | DCF.91.090.2LT |
| Replacement contact: | FGG.2B.560.ZZC |
| Spanner wrench: | DCD.2B.025.PA120 |

Cables

| | | | |
|--------|------|-------|---|
| 108240 | PTFE | White |  |
| 108260 | PTFE | White |  |
| 8280 | PVC | Black |  |

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