

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 8

Series 3B
Termination type Female crimp
IP rating 50
AWG wire size 20.00 - 18.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FGG.3B.308.CYCD11](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model EG*: Fixed receptacle, nut fixing
Keying No keying
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 26.69 g

Performance

Configuration 3B.308 : 8 Low Voltage
Insulator Y: PEEK for crimp contacts
Rated Current 13 Amps

Specifications

Contact Type: Crimp
Contact Retention: 40 N
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1.4 mm (0.055in)
Min. Conductor: 0.5 mm² (AWG 20)
Max. Conductor: 1 mm² (AWG 18)
R (max): 3.6 mOhm
Vtest (contact-shell): 1750 V (AC), 2500 V (DC)

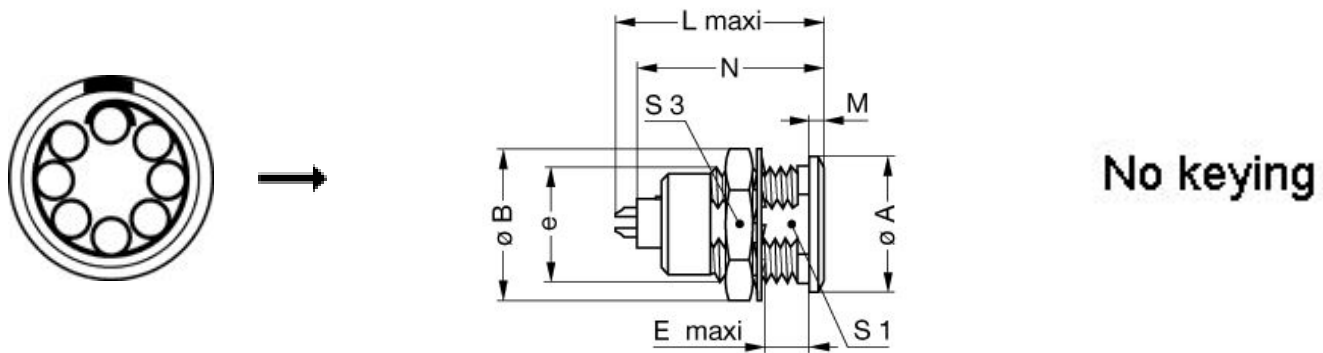
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Vtest (contact-contact): 1850 V (AC), 2600 V (DC)

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 | 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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Crimp Tool: [DPC.91.701.V](#)
 Crimp settings: AWG/Selector = 18-20-22/5-4-3
 Positionner: [DCE.91.133.BVM](#)
 Extractor: [DCC.13.15B.LAG](#)
 Replacement contact: EGG.3B.665.ZZM

Cables

| | | | |
|--------------------|---------------|--------|---|
| CMN.08.T20.067PGCE | PVC | Grey |  |
| CMN.08.T20.067PGZE | | Grey |  |
| CMN.08.T20.067PNZE | | |  |
| CMN.08.T22.059QGC | TPR | Grey | |
| CMN.08.T22.059QGZE | TPR (medical) | Grey |  |
| CMN.08.T26.042QGZE | TPR (medical) | Grey |  |
| 108220 | PVC | Black |  |
| 108240 | PTFE | White |  |
| 108260 | PTFE | White |  |
| 16080 | PVC | Grey | |
| 180240 | PVC | Black |  |
| 180260 | PVC | Black |  |
| 280250 | PVC | Grey |  |
| 335990 | PVC | Black |  |
| 335991 | PVC | Black |  |
| 380500 | PVC | Grey |  |
| 380750 | PVC | Grey |  |
| 42265 | PVC | Yellow | |
| 80140 | PVC | Grey |  |
| 8050 | PVC | Black |  |
| 8280 | PVC | Black |  |

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