

SUMMARY

Wires

| | |
|---------|----|
| Low | 10 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |

Image is for illustrative purpose only

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| | |
|------------------|----------------|
| Series | 3B |
| Termination type | Male crimp |
| IP rating | 50 |
| Cable Ø | 0.00 - 0.00 mm |
| Matching parts | EGG.3B.310.CYM |
| Status | active |
| Alternative part | |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | FW*: Fixed plug, nut fixing |
| Keying | 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Housing Material | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing | ∅ 0 - 0 mm |
| Variant | |
| Weight | 41.13 g |

Performance

| | |
|---------------|----------------------------|
| Configuration | 3B.310 : 10 Low Voltage |
| Insulator | Y: PEEK for crimp contacts |
| Rated Current | 12 Amps |

Specifications

| |
|-------------------------|
| Contact Type: Crimp |
| Max. Matings: 5000 |
| Contact Retention: 40 N |

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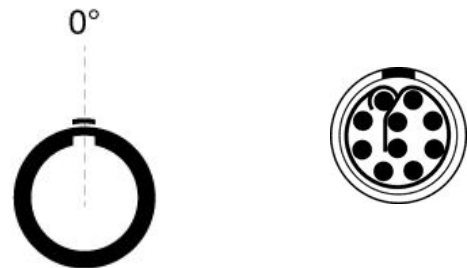
Contact Dia.: 1.3 mm (0.051in)
 Bucket Dia.: 1.4 mm (0.055in)
 Min. Conductor: 0.5 mm² (AWG 20)
 Max. Conductor: 1 mm² (AWG 18)
 R (max): 3.6 mOhm
 Vtest (contact-shell): 1800 V (AC), 2550 V (DC)
 Vtest (contact-contact): 1500 V (AC), 2120 V (DC)

Others

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]
 Salt Spray Corrosion: >1000 hr
 Climatical Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 IP Rating: 50

DRAWINGS

Draws



Dimensions

| | A | B | E | L | M | N | S1 | S2 | e |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 25 | 25 | 4.2 | 32.1 | 23 | 31.5 | 16.5 | 22 | M18x1.0 |
| in. | 0,98 | 0,98 | 0,17 | 1,26 | 0,91 | 1,24 | 0,65 | 0,87 | |

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RECOMMENDED BY LEMO

Tools






















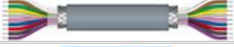

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 18-20/8-7

Extractor: DCF.92.131.3LT

Replacement contact: FGG.3B.565.ZZC

Cables

| | | | |
|--------------------|---------------|-------|---|
| CMN.10.T20.080PGCE | PVC | GREY |  |
| CMN.10.T20.080PGZE | | Grey |  |
| CMN.10.T20.080PNCE | PVC | Black |  |
| CMN.10.T20.080PNZE | | |  |
| CMN.10.T20.080QGC | TPR | Grey | |
| CMN.10.T22.068PGCE | PVC | GREY |  |
| CMN.10.T22.068PGZE | | Grey |  |
| CMN.10.T22.068PNCE | PVC | Black |  |
| CMN.10.T22.068PNZE | | |  |
| CMN.10.T22.068QGC | | | |
| CMN.10.T22.068QGZE | TPR (medical) | Grey |  |
| CMN.10.T28.052PGCE | PVC | GREY |  |
| CMN.10.T28.052PGZE | | Grey |  |
| CMN.10.T28.052PNCE | PVC | Black |  |
| CMN.10.T28.052PNZE | | |  |
| CMN.10.T28.053QGZE | TPR (medical) | Grey |  |
| 110 220 | PVC | Black |  |
| 110 240 | PTFE | White |  |
| 110 260 | PTFE | White |  |
| 110 280 | PVC | Black |  |
| 210 140 | PVC | Grey |  |
| 210 200 | PVC | Black |  |
| 210 240 | PVC | Black |  |
| 210 250 | PVC | Grey |  |
| 210 260 | PVC | Black |  |

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