

SUMMARY

Wires

| | |
|---------|----|
| Low | 14 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |



Image is for illustrative purpose only

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| | |
|------------------|-----------------------------------|
| Series | 2B |
| Termination type | Female crimp |
| IP rating | 50 |
| Cable Ø | 7.30 - 8.20 mm |
| Status | active |
| Alternative part | |
| Matching parts | PHW.2B.314.XYCD52 |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|--|
| Shell Style/Model | FA*: Fixed plug, non-latching, nut fixing |
| Keying | |
| Housing Material | Aluminium (anthracite) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Variant | |
| Weight | 17.70 g |

Performance

| | |
|---------------|----------------------------|
| Configuration | 2B.314 : 14 Low Voltage |
| Insulator | Y: PEEK for crimp contacts |
| Rated Current | 6.5 Amps |

Specifications

| |
|--------------------------------|
| Contact Type: Crimp |
| Contact Retention: 22 N |
| Contact Dia.: 0.7 mm (0.028in) |
| Bucket Dia.: 0.8 mm (0.031in) |

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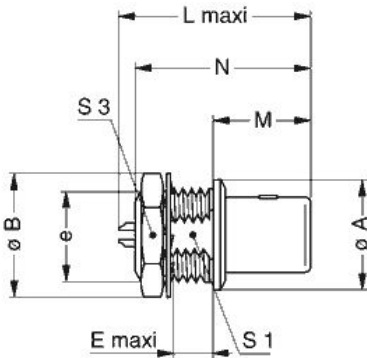
Min. Conductor: 0.14 mm² (AWG 26)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm
Vtest (contact-shell): 1950 V (AC), 2750 V (DC)
Vtest (contact-contact): 1550 V (AC), 2200 V (DC)

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: max. 48 hr
IP Rating: 50

DRAWINGS

Draws



Dimensions

| | A | B | E | L | M | N | S1 | S3 | e |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 18 | 19.5 | 6.0 | 28.7 | 13.8 | 23.9 | 13.5 | 17 | M15x1.0 |
| in. | 0,71 | 0,77 | 0,24 | 1,13 | 0,54 | 0,94 | 0,53 | 0,67 | |


















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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V
Crimp settings: AWG/Selector = 22-24-26/6-5-5
Extractor: DCF.91.070.2LT
Replacement contact: EGG.2B.655.ZZM

Cables

| | | | |
|--------------------|---------------|-------|---|
| CMN.14.T22.068PGCE | PVC | GREY |  |
| CMN.14.T22.081PGCE | PVC | GREY |  |
| CMN.14.T28.056PGCE | PVC | GREY |  |
| CMN.14.T28.056QGZE | TPR (medical) | Grey |  |
| CMN.14.T22.068PGZE | | Grey |  |
| CMN.14.T22.068PNCE | PVC | Black |  |
| CMN.14.T22.068PNZE | | |  |
| CMN.14.T22.081PGZE | | Grey |  |
| CMN.14.T22.081PNCE | PVC | Black |  |
| CMN.14.T22.081PNZE | | |  |
| CMN.14.T28.056PGZE | | Grey |  |
| CMN.14.T28.056PNCE | PVC | Black |  |
| CMN.14.T28.056PNZE | | |  |
| 114 260 | PTFE | White |  |
| 214 140 | PVC | Black |  |
| 214 240 | PTFE | White |  |
| 314 250 | PVC | Grey |  |

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