

SUMMARY

Wires

| | |
|---------|---|
| Low | 3 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |



Image is for illustrative purpose only

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Series

| | |
|------------------|--------------------|
| Termination type | Female crimp |
| IP rating | 68 |
| Cable Ø | 7.60 - 8.00 mm |
| Matching parts | FGG.3K.303.CYCC80Z |
| Status | active |
| Alternative part | |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | PH*: Free receptacle, cable collet and nut for fitting a bend relief |
| 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 | ∅ 7.6 - 8 mm |
| Variant | Z : Nut for fitting a bend relief |

Performance

| | |
|---------------|----------------------------|
| Configuration | 3K.303 : 3 Low Voltage |
| Insulator | Y: PEEK for crimp contacts |
| Rated Current | 25 Amps |

Specifications

| |
|-------------------------|
| Contact Type: Crimp |
| Max. Matings: 5000 |
| Contact Retention: 65 N |

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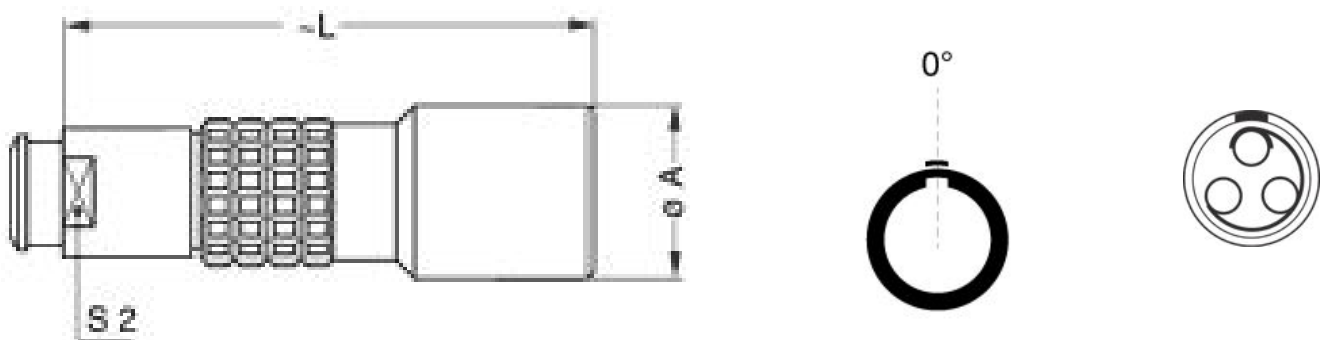
Contact Dia.: 2 mm (0.079in)
 Bucket Dia.: 2.4 mm (0.094in)
 Min. Conductor: 1.5 mm² (AWG 16)
 Max. Conductor: 2.5 mm² (AWG 12)
 R (max): 3.3 mOhm
 Vtest (contact-shell): 2650 V (AC), 3750 V (DC)
 Vtest (contact-contact): 3200 V (AC), 4530 V (DC)

Others

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): 95 dB (10 MHz)
 Shielding (min): 80 dB (1 GHz)
 IP Rating: 68

DRAWINGS

Draws



Dimensions

| | A | L | S2 |
|-----|------|------|------|
| mm. | 23 | 64 | 15 |
| in. | 0,91 | 2,52 | 0,59 |

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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.101.A
Crimp settings: AWG/Selector = 12-14-16/8-7-6
Positionner: DCE.91.203.BVCM
Extractor: DCC.91.202.5LA
Replacement contact: EGG.3B.675.ZZM
Spanner wrench: DCD.3E.030.PA150

Cables

| | | | |
|--------------------|-----|------|--|
| CMN.03.T14.078PGCE | | |  |
| 330 150 | PVC | Grey |  |

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