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# FHA.1B.308.CYCD62Z

## **SUMMARY**

#### # Wires

 Low
 8

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0

Series 1B

**Termination type** Male crimp

IP rating 50

Cable Ø 5.30 - 6.20 mm

Matching parts EGA.1B.308.CLL

Status active

Alternative part



Image is for illustrative purpose only

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# **TECHNICAL DETAILS**

### **Mechanics**

Shell Style/Model FH\*: Elbow plug, cable collet and nut for fitting a bend relief

**Keying** 2 keys (alpha=30, 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** D62: 5.3 - 6.2 mm

**Variant** Z: Nut for fitting a bend relief

Weight 24.89 g

#### **Performance**

**Configuration** 1B.308: 8 Low Voltage

**Insulator** Y: PEEK for crimp contacts

Rated Current 5 Amps

## **Specifications**

Contact Type: Crimp Max. Matings: 5000

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

Min. Conductor: 0.14 mm^2 (AWG 26) Max. Conductor: 0.34 mm^2 (AWG 22)

R (max): 6.1 mOhm

Vtest (contact-shell): 1300 V (AC), 1840 V (DC) Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

#### **Others**

Temp (min / max):  $-55^{\circ}$ C /  $+250^{\circ}$ C

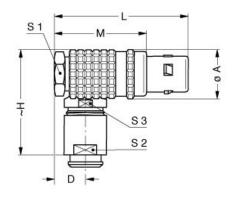
Humidity (max): <=95% [at 60 deg C /140 F]

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**

|     | А    | D    | Н    | L    | М    | <b>S</b> 1 | S2   | <b>S</b> 3 |
|-----|------|------|------|------|------|------------|------|------------|
| mm. | 13.5 | 8    | 29.5 | 36   | 25   | 11         | 9    | 10         |
| in. | 0,53 | 0,31 | 1,16 | 1,42 | 0,98 | 0,43       | 0,35 | 0,39       |

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# **RECOMMENDED BY LEMO**

### **Tools**

Crimp Tool: DPC.91.701.V Crimp settings: AWG/Selector = 22-24-26/6-5-5

Positionner: DCE.91.071.BVC Extractor: DCF.91.070.2LT

Replacement contact: FGG.1B.555.ZZC Spanner wrench: DCD.1B.015.PA090

### Cables

| CMN.08.T22.059PGCE | PVC           | GREY   | >====<   |
|--------------------|---------------|--------|----------|
| CMN.08.T22.059PGZE |               | Grey   |          |
| CMN.08.T22.059PNCE | PVC           | Black  | >=====   |
| CMN.08.T22.059PNZE |               |        |          |
| CMN.08.T22.059QGC  | TPR           | Grey   |          |
| CMN.08.T22.059QGZE | TPR (medical) | Grey   | >        |
| 016 080            | PVC           | Grey   |          |
| 042 265            | PVC           | Yellow |          |
| 080 140            | PVC           | Grey   |          |
| 180 240            | PVC           | Black  |          |
| 180 260            | PVC           | Black  | -        |
| 335 991            | PVC           | Black  | <b>9</b> |

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