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# FGJ.2B.308.CYMD62

## **SUMMARY**

#### # Wires

Low voltage 8



Image is for illustrative purpose only

Series 2B

**Termination type** Female crimp

IP rating 50

AWG wire size 24.00 - 20.00 Cable Ø 5.30 - 6.20 mm

Status active

Matching parts EGJ.2B.308.CYC

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## **TECHNICAL DETAILS**

#### **Mechanics**

**Shell Style/Model** FG\*: Straight plug, cable collet

**Keying** 2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)

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

#### **Performance**

Configuration 2B.308: 8 Low Voltage

**Insulator** Y: PEEK for crimp contacts

Rated Current 10 Amps

## **Specifications**

Contact Type: Crimp Contact Retention: 30 N Contact Dia.: 0.9 mm (0.035in) Bucket Dia.: 1.1 mm (0.043in)

Min. Conductor: 0.25 mm<sup>2</sup> (AWG 24) Max. Conductor: 0.5 mm<sup>2</sup> (AWG 20)

R (max): 4.8 mOhm

Vtest (contact-shell): 1950 V (AC), 2800 V (DC) Vtest (contact-contact): 1950 V (AC), 2750 V (DC)

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## **Others**

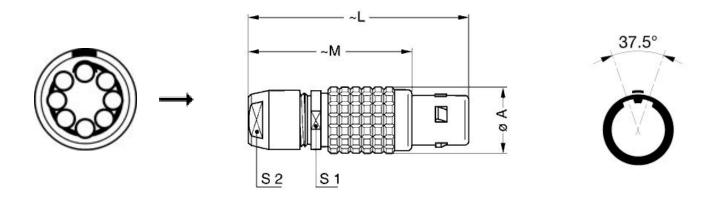
Endurance (Shell): 5000

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	L	М	<b>S</b> 1	S2
mm.	15	50	38	13	12
in.	0,59	1,97	1,50	0,51	0,47

# **RECOMMENDED BY LEMO**

#### **Tools**

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 20-22-24/6-5-5

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Positionner: <a href="DCE.91.092.BVM">DCE.91.092.BVM</a>
Extractor: <a href="DCC.09.05B.LAG">DCC.09.05B.LAG</a>
Replacement contact: <a href="EGG.2B.660.ZZM">EGG.2B.660.ZZM</a>
Spanner wrench: <a href="DCD.2B.ZZZ.PA120">DCD.2B.ZZZ.PA120</a>

### Cables

CMN.08.T22.059QGC	TPR	Grey	
CMN.08.T22.059QGZE	TPR (medical)	Grey	>
16080	PVC	Grey	
180240	PVC	Black	
180260	PVC	Black	
335991	PVC	Black	∍——€
42265	PVC	Yellow	
80140	PVC	Grey	-

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