



# SUMMARY

#### # Wires

Low voltage 3



Image is for illustrative purpose only

Series 0B

**Termination type** Female crimp

IP rating 50

AWG wire size 24.00 - 20.00 Cable Ø 1.40 - 5.60 mm

Status active

Matching parts FGG.0B.303.CYCD32

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## **TECHNICAL DETAILS**

#### **Mechanics**

Shell Style/Model EC\*: Fixed receptacle with two nuts (back panel mounting)

**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

Weight 6.08 g

#### **Performance**

Configuration 0B.303: 3 Low Voltage

Insulator Y: PEEK for crimp contacts

Rated Current 8 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): 1600 V (AC), 2250 V (DC) Vtest (contact-contact): 1700 V (AC), 2400 V (DC)

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#### **Others**

Endurance (Shell): 5000

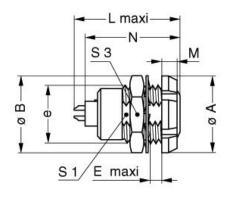
Temp (min / max): -55°C / +250°C

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**

#### **Draws**







#### **Dimensions**

	A	В	E	L	М	N	<b>S</b> 1	<b>S</b> 3	e
mm.	12	12.4	5.5	20.7	2.5	19.1	8.2	11	M9x0.6
in.	0.47	0.49	0.22	0.81	0.10	0.75	0.32	0.43	

# **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.91.070.BVM">DCE.91.070.BVM</a>
Extractor: <a href="DCF.91.090.2LT">DCF.91.090.2LT</a>
Spanner 2: <a href="DCH.91.121.PA">DCH.91.121.PA</a>
Replacement contact: <a href="EGG.0B.660.ZZM">EGG.0B.660.ZZM</a>

### **Cables**

CMN.03.T20.049PGCE	PVC	GREY	-
CMN.03.T22.049PGCE	PVC	GREY	
CMN.03.T28.031PGCE	PVC	GREY	
CMN.03.B12.113PLZ			
CMN.03.T20.049PGZE		Grey	
CMN.03.T20.049PNCE	PVC	Black	<b>&gt;</b>
CMN.03.T20.049PNZE			
CMN.03.T22.049PGZE		Grey	
CMN.03.T22.049PNCE	PVC	Black	<b>&gt;</b>
CMN.03.T22.049PNZE			
CMN.03.T28.031PGZE		Grey	
CMN.03.T28.031PNCE	PVC	Black	>=====================================
CMN.03.T28.031PNZE			
003 050	PVC	Black	>
003 081	PVC	Black	
003 220	PVC	Black	
003 280	PVC	Black	-K-C
030 110	PVC	Grey	===
030 141	PVC	Grey	
030 200	PVC	Black	
030 260	PVC	Black	-
060 080	PVC	Grey	
130 240	PVC	Black	- K
130 250	PVC	Grey	=====
230 500	PVC	Grey	====
230 750	PVC	Grey	

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