

# ECG.0B.302.CYM

## **SUMMARY**

#### # Wires

Low voltage

2



Image is for illustrative purpose only

Series	OB
Termination type	Female crimp
IP rating	50
AWG wire size	24.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.0B.302.CYCD52

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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 [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
	Weight	5.99 g
Ρ	erformance	
	Configuration	OB.302 : 2 Low Voltage
	Insulator	Y: PEEK for crimp contacts
	Rated Current	10 Amps

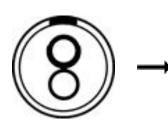
### **Specifications**

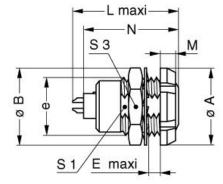
Contact Type: Crimp Contact Retention: 30 N Contact Dia.: 0.9 mm (0.035in) Bucket Dia.: 1.1 mm (0.043in) Min. Conductor: 0.25 mm^2 (AWG 24) Max. Conductor: 0.5 mm^2 (AWG 20) R (max): 4.8 mOhm Vtest (contact-shell): 1200 V (AC), 1700 V (DC)

### 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: >1000 hr

### DRAWINGS







#### Dimensions

	А	В	E	L	Μ	N	S1	\$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
Positionner:	DCE.91.090.BVM
Extractor:	DCF.91.090.2LT
Spanner 2:	DCH.91.121.PA
Replacement contact:	EGG.0B.660.ZZM

### Cables

CMN.02.T20.048QGZETPR (medical)GreyImage: Section of the section of	CMN.02.T20.047PGZE		Grey	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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220750	PVC	Grey	-
2221	PVC	Black	
2260	PTFE	White	<>
2280	PVC	Black	

4082	PVC	Grey	
CMB.02.210.635	PUR	Black	

### **Mouser Electronics**

Authorized Distributor

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