

# ECA.1B.306.CYM

## SUMMARY

#### # Wires

# wires			
Low	6		
High	0		
Coax	0		Image is for illustrative purpose only
Triax	0	Download	
Quad	0	Request a quote	
Fiber	0	Catalog	
Fluidic	0	<u>v</u>	
Series	1B		
Termination type	Female crimp		
IP rating	50		
Cable Ø	0.00 - 0.00 mm		
Status	active		
Alternative part			
Matching parts	FGA.1B.306.CYCD52		

## **TECHNICAL DETAILS**

#### **Mechanics**

Shell Style/Model	EC*: Fixed receptacle with two nuts (back panel mounting)
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
Variant	
Weight	11.62 g

#### Performance

Configuration	1B.306 : 6 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	7 Amps

#### Specifications

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

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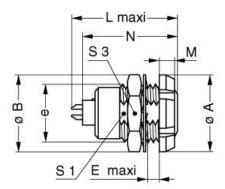
Min. Conductor: 0.14 mm^2 (AWG 26) Max. Conductor: 0.34 mm^2 (AWG 22) R (max): 6.1 mOhm Vtest (contact-shell): 1450 V (AC), 2050 V (DC) Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

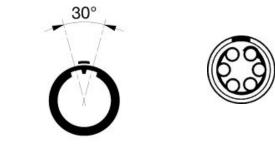
#### Others

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 IP Rating: 50

### **DRAWINGS**

Draws





#### Dimensions

	А	В	E	L	Μ	Ν	S1	\$3	e
mm.	16	15.8	6	23	3.5	21.1	10.5	14	M12x1.0
in.	0,63	0,62	0,24	0,91	0,14	0,83	0,41	0,55	

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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.BVM Extractor: DCF.91.070.2LT Spanner 2: DCH.91.161.PA Replacement contact: EGG.1B.655.ZZM

#### Cables

CMN.06.T22.055PGCE	PVC	GREY	
CMN.06.T28.031PGCE	PVC	GREY	>
CMN.06.T28.044PGCE	PVC	GREY	>
CMN.06.T22.055PGZE		Grey	>
CMN.06.T22.055PNCE	PVC	Black	<b>&gt;===</b>
CMN.06.T22.055PNZE			▶€
CMN.06.T26.037QGZE	TPR (medical)	Grey	▶€
CMN.06.T28.031PGZE		Grey	▶ • • • • •
CMN.06.T28.031PNCE	PVC	Black	<b>&gt;</b>
CMN.06.T28.031PNZE			▶€
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		Grey	▶€
CMN.06.T28.044PNCE	PVC	Black	
CMN.06.T28.044PNZE			▶€
006 280	PVC	Black	
012 080	PVC	Grey	
060 260	PTFE	White	▶====€
106 220	PVC	Black	
106 240	PTFE	White	▶====◄
160 140	PVC	Grey	
160 240	PVC	Black	
160 260	PVC	Black	
260 250	PVC	Grey	<b>&gt;</b>

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