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SUMMARY

Wires

 Low
 6

 High
 0

 Coax
 0

 Triax
 0

Quad 0 **Fiber** 0

Fluidic 0

Series 1B

Termination type Female crimp

IP rating 50

Cable Ø 0.00 - 0.00 mm

Matching parts FGA.1B.306.CYCD52

Status active

Alternative part



Image is for illustrative purpose only

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Catalog

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

Cable Fixing : 0 - 0 mm

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 Max. Matings: 5000 Contact Retention: 22 N

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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): 1450 V (AC), 2050 V (DC) Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

Others

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

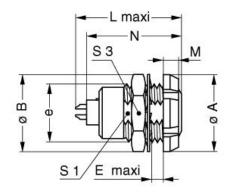
Humidity (max): $\leq 95\%$ [at 60 deg C /140 F]

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	В	Е	L	М	N	S1	S 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.T22.055PGZE		Grey	
CMN.06.T22.055PNCE	PVC	Black	
CMN.06.T22.055PNZE			>
CMN.06.T26.037QGZE	TPR (medical)	Grey	>
CMN.06.T28.031PGCE	PVC	GREY	
CMN.06.T28.031PGZE		Grey	>
CMN.06.T28.031PNCE	PVC	Black	
CMN.06.T28.031PNZE			▶€
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGCE	PVC	GREY	> ====
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	

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