



SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series 1B

Termination type Female solder

IP rating 50

AWG wire size 22.00 - 22.00

Cable Ø 2.30 - 7.60 mm

Status active

Matching parts FGG.1B.306.CLAD42Z

Download

Request a quote

Eplan Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model EG*: Fixed receptacle, nut fixing

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 8.77 g

Performance

Configuration 1B.306 : 6 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 7 Amps

Specifications

Contact Type: Solder

Contact Dia.: 0.7 mm (0.028in) Bucket Dia.: 0.8 mm (0.031in)

Max. Solid Conductor: 0.34 mm² (AWG 22) Max. Stranded Conductor: 0.34 mm² (AWG 22)

R (max): 6.1 mOhm

Vtest (contact-shell): 1200 V (AC), 1700 V (DC) Vtest (contact-contact): 1050 V (AC), 1490 V (DC)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Others

Endurance (Shell): 5000

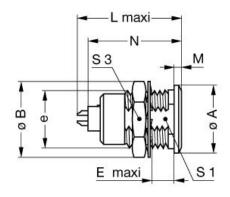
Temp (min / max): -55°C / +250°C

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

	А	В	E	L	м	N	S 1	\$3	e
mm.	14	16	7.5	23	1.5	21.1	10.5	14	M12x1.0
in.	0.55	0.63	0.30	0.91	0.06	0.83	0.41	0.55	

RECOMMENDED BY LEMO

Tools

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

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	>
CMN.06.T22.055PNZE			▶€
CMN.06.T26.037QGZE	TPR (medical)	Grey	> €
CMN.06.T28.031PGZE		Grey	>
CMN.06.T28.031PNCE	PVC	Black	>===
CMN.06.T28.031PNZE			▶€
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		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	>===

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.