



SUMMARY

Wires

Low voltage 7



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.307.CLAD52Z

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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 8.91 g

Performance

Configuration 1B.307 : 7 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): 1050 V (AC), 1490 V (DC) Vtest (contact-contact): 950 V (AC), 1340 V (DC)

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Others

Endurance (Shell): 5000

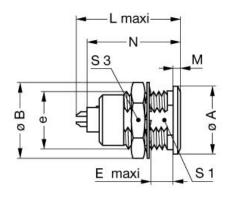
Temp (min / max): -55°C / +250°C

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

	А	В	E	L	M	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

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Cables

CMN.07.T22.055PGCE	PVC	GREY	>=====
CMN.07.T26.037QGZE	TPR (medical)	Grey	
CMN.07.S34.027JGC			
CMN.07.T22.055PGZE		Grey	
CMN.07.T22.055PNCE	PVC	Black	>
CMN.07.T22.055PNZE			
CMN.07.T28.044PGCE	PVC	GREY	>
CMN.07.T28.044PGZE		Grey	
CMN.07.T28.044PNCE	PVC	Black	
CMN.07.T28.044PNZE			
007 041	PVC	Grey	
007 050	PVC	Black	
070 140	PVC	Grey	
270 250	PVC	Grey	>====
CTR.75.030.121875G	PVC	Grey	>

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