



www.lemo.com

SUMMARY

Wires

Low voltage 7



Image is for illustrative purpose only

Series 0B

Termination type Female solder

IP rating 50

AWG wire size 34.00 - 28.00

Cable Ø 0.00 - 0.00 mm

Status active

Matching parts FGA.0B.307.CLAD52Z

Download

Request a quote

Catalog

TECHNICAL DETAILS

Mechanics

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

Keying 2 keys (alpha=30, 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 4.37 g

Performance

Configuration 0B.307 : 7 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 2.5 Amps

Specifications

Contact Type: Solder

Contact Dia.: 0.5 mm (0.02in) Bucket Dia.: 0.45 mm (0.018in)

Max. Solid Conductor: 0.09 mm² (AWG 28) Max. Stranded Conductor: 0.09 mm² (AWG 28)

R (max): 8.7 mOhm

Vtest (contact-shell): 700 V (AC), 990 V (DC) Vtest (contact-contact): 800 V (AC), 1130 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

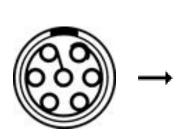
Endurance (Shell): 5000

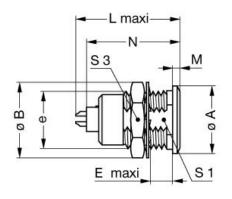
Temp (min / max): -55°C / +250°C

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







Dimensions

	А	В	Е	L	М	N	S 1	S 3	e
mm.	10	12.5	7	20.7	1.2	19.1	8.2	11	M9x0.6
in.	0,39	0,49	0,28	0,81	0,05	0,75	0,32	0,43	

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.07.T28.044PGZE		Grey	>
CMN.07.T28.044PNZE			>
7041	PVC	Grey	> ======
7050	PVC	Black	
717920	PVC	Grey	>
CTR.75.030.121875G	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.