



SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series 2B

Termination type Female solder

IP rating 50

AWG wire size 20.00 - 20.00

Cable Ø 1.40 - 9.90 mm

Status active

Matching parts FGG.2B.305.CLAD72

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 14.86 g

Performance

Configuration 2B.305 : 5 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 14 Amps

Specifications

Contact Type: Solder

Contact Dia.: 1.3 mm (0.051in) Bucket Dia.: 1 mm (0.039in)

Max. Solid Conductor: 0.5 mm² (AWG 20) Max. Stranded Conductor: 0.5 mm² (AWG 20)

R (max): 3.6 mOhm

Vtest (contact-shell): 1600 V (AC), 2250 V (DC) Vtest (contact-contact): 1750 V (AC), 2500 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

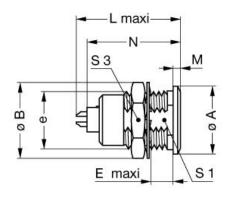
Temp (min / max): -55°C / +250°C

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	M	N	S 1	\$3	e
mm.	18	19.5	8.5	26.7	1.8	24.6	13.5	17	M15x1.0
in.	0.71	0.77	0.33	1.05	0.07	0.97	0.53	0.67	

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.05.T22.051PGCE	PVC	GREY	>====
CMN.05.T20.057PGCE	PVC	GREY	>====
CMN.05.T22.051PNCE	PVC	Black	>====
CMN.05.T22.051QGZE	TPR (medical)	Grey	>€
CMN.05.T28.029PGCE	PVC	GREY	>===
CMN.05.T20.057PGZE		Grey	>€
CMN.05.T20.057PNCE	PVC	Black	>===
CMN.05.T20.057PNZE			>€
CMN.05.T20.057QGZE	TPR (medical)	Grey	>€
CMN.05.T22.051PGZE		Grey	>€
CMN.05.T22.051PNZE			>€
CMN.05.T28.029PGZE		Grey	>€
CMN.05.T28.029PNCE	PVC	Black	>===
CMN.05.T28.029PNZE			>€
005 050	PVC	Black	>
050 090	PVC	Black	
050 140	PVC	Grey	
150 250	PVC	Grey	>===
250 500	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.