

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series 0B
Termination type Female print PCB
IP rating 50
AWG wire size 0.00 - 0.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FGG.0B.305.CLAD32](#)

Download

[Request a quote](#)
[PCB Eagle Pattern](#)
[PCB Altium Pattern](#)
[PCB KiCad Pattern](#)
[Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model EX*: Elbow receptacle for printed circuit with two nuts (solder or screw fixing, back panel mounting)
Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material PPS (Polyphenylene) shell, other pieces nickel plated [SAE AMS QQ N 290] brass
Weight 10.99 g

Performance

Configuration 0B.305/EXG : 5 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 4.5 Amps

Specifications

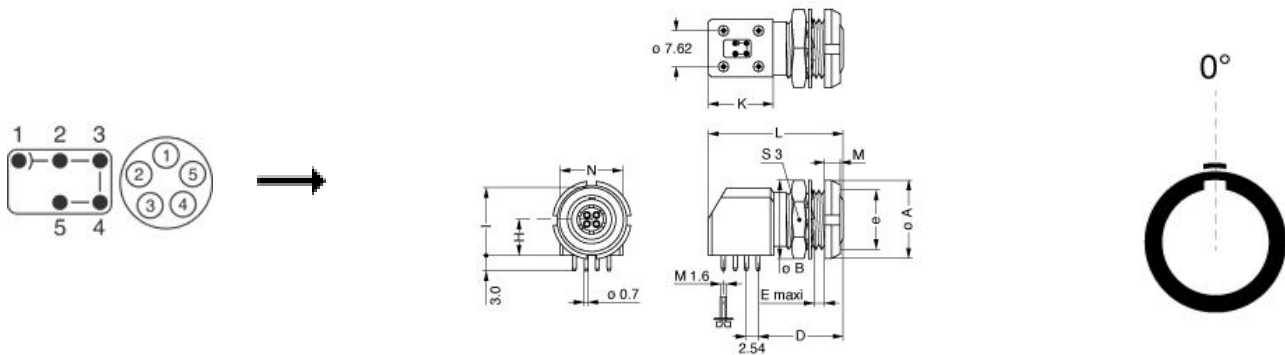
Contact Type: Print (straight)
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Test voltage contact-contact : 1.25 kV rms
Test voltage contact-body shell : 1.2 kV rms

Others

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.

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: >144 hr
 12NC part number: 4022.438.33231

DRAWINGS



Dimensions

	A	B	D	E	H	I	K	L	M	N	S3	e
mm.	12	12.4	14.6	4.5	6.7	12.6	13.3	25	2.5	11.7	11	M9x0.6
in.	0,47	0,49	0,57	0,18	0,26	0,50	0,52	0,98	0,10	0,46	0,43	

RECOMMENDED BY LEMO

Tools

Spanner wrench: [Socket for torque wrench DCM.0S.M09.4](#)

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.

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.