

FGG.1B.306.CLAD72Z

SUMMARY

Wires

Low voltage



Image is for illustrative purpose only

Series	1B		
Termination type	Male solder		
IP rating	50		
AWG wire size	30.00 - 22.00		
Cable Ø	6.30 - 7.20 mm		
Status	active		
Matching parts	EGG.1B.306.CLL		
	PHG.1B.306.CLLD72Z		

6

Download <u>Request a quote</u> <u>Eplan</u> <u>Catalog</u> <u>See video assembly instructions</u>

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying	1 key (alpha=0, 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
Variant	Z : Nut for fitting a bend relief
Weight	15.62 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. Stranded Conductor: 0.34 mm^2 (AWG 22) Max. Conductor: 0.34 mm^2 (AWG 22) R (max): 6.1 mOhm

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.

Ρ

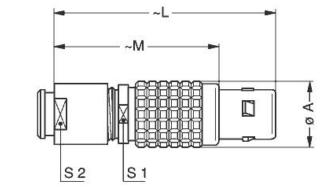
Vtest (contact-shell): 1200 V (AC), 1700 V (DC) Vtest (contact-contact): 1050 V (AC), 1490 V (DC)

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	L	Μ	S1	S2
mm.	12	42	31	10	9
in.	0,47	1,65	1,22	0,39	0,35

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.

Spanner wrench:

Caps:

DCD.1B.ZZZ.PA090 BFG.1B.100.PCSG

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.