

www.lemo.com

# HEW.LM.368.CLNP

# **SUMMARY**

#### # Wires

Low voltage 68



Image is for illustrative purpose only

Series LM

Termination type Female print PCB
IP rating 68 when mated
AWG wire size 30.00 - 22.00
Cable Ø 0.00 - 0.00 mm

**Status** active

Matching parts FGW.LM.368.CLCM

### **Download**

Request a quote
PCB Eagle Pattern
PCB Altium Pattern
PCB KiCad Pattern

Catalog

## **TECHNICAL DETAILS**

#### **Mechanics**

Shell Style/Model HE\*: Fixed receptacle, nut fixing for printed circuit, watertight

Keying 5 keys (alpha=95, beta=115, gamma=35, delta=25, 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 P: Watertight unmated

Weight 29.32 g

#### **Performance**

Configuration LM. 368: 68 (0.7 mm) Low Voltage

Insulator L: PEEK
Rated Current 2.5 Amps

### **Specifications**

Contact Type: Print (straight) Contact Dia.: 0.7 mm (0.028in)

R (max): 6.1 mOhm

Test voltage (kV rms) Contact-contact: 1.40 Test voltage (kV rms) Contact-shell: 1.65

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): 3000 mating cycles Temp (min / max): -20°C / +80°C Humidity (max): 21 days at 95%

Gunfire vibration: 25 Hz - 2000 Hz, 3 axis (Apache helicopter)

Vibration-Sine: 30 g, 3 axes, 12 hr [10 Hz - 2000 Hz]

Vibration-Random: 37.8 g rms - 3 axes, 4 hr amb [50 Hz - 2000 Hz]

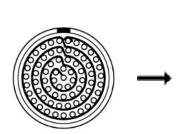
Shock Resistance: 300 g [ 3 ms]

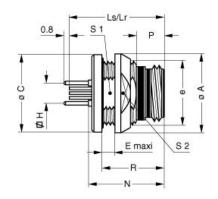
Lighting strike EIA 364-75: 10K amps - 6 times

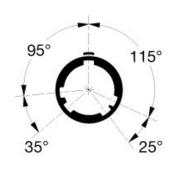
EMI Shielding EIA 364-66A: >= 80 dB (1 GHz), >= 70 dB (3 GHz), >= 58 dB (6 GHz), >= 40 dB (10 GHz)

Salt Spray Corrosion: >1000 hr

# **DRAWINGS**







#### **Dimensions**

	А	С	E	Н	Lr	Ls	N	Р	R	<b>S</b> 1	S2	e
mm.	33	31.8	4	16.51	24.6	24.6	19.9	7.9	16.9	26.5	29	M28x1.00
in.	1,30	1,25	0,16	0,65	0,97	0,97	0,78	0,31	0,67	1,04	1,14	

# **RECOMMENDED BY LEMO**

### **Tools**

Spanner wrench: Socket for torque wrench DCM.65.290.AZ

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.

