

SUMMARY

Wires

Low voltage 2

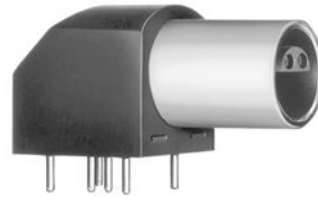


Image is for illustrative purpose only

Series 0S
Termination type Female print 90° PCB
IP rating 50
AWG wire size 30.00 - 22.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FFA.0S.302.CLAC22](#)

Download

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

TECHNICAL DETAILS

Mechanics

Shell Style/Model EPL*: Elbow receptacle for printed circuit (solder or screw fixing)
Keying Hermaphroditic keying (half moon insert) with female pin 1
Housing Material PPS (Polyphenylene) shell, other pieces nickel plated [SAE AMS QQ N 290] brass
Weight 9.42 g

Performance

Configuration 0S.302 : 2 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current

Specifications

Contact Type: Print (straight)
Contact Dia.: 0.9 mm (0.0354in)
R (max): 4.8 mOhm
Test Voltage(kV rms) 1.2

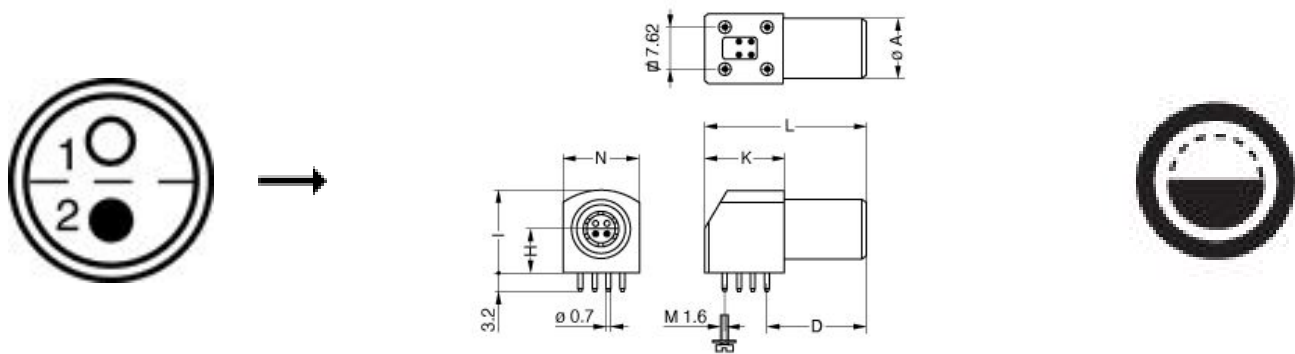
Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55° C / +220° C

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.

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

DRAWINGS



Dimensions

	A	D	H	I	K	L	N
mm.	9	14.5	6.9	12.7	13.2	25	11.6
in.	0,35	0,57	0,27	0,50	0,52	0,98	0,46

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.