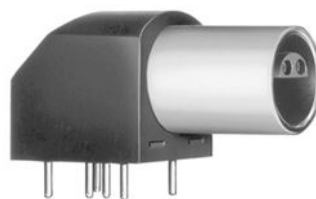


## SUMMARY

### # Wires

Low voltage 4



*Image is for illustrative purpose only*

Series	1S
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	<a href="#">FFA.1S.304.CLAC22</a>

### 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	11.93 g

### Performance

Configuration	1S.304 : 4 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) 0.7

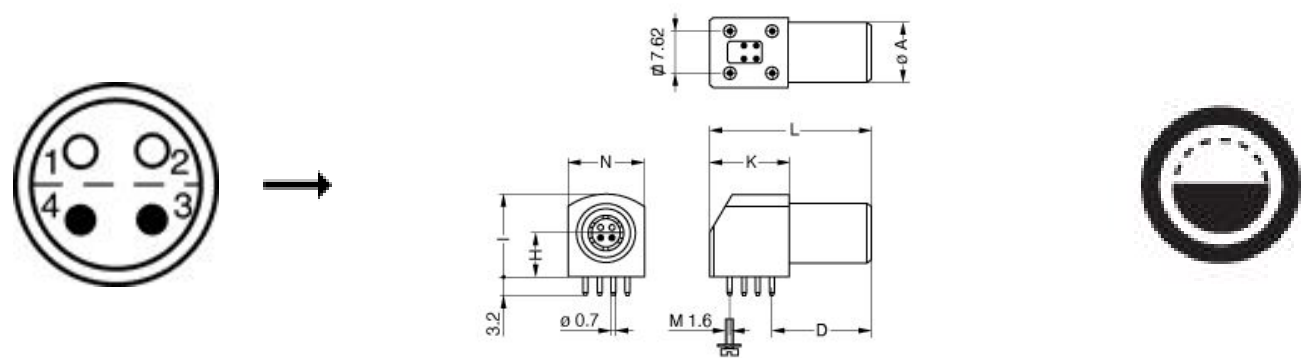
### Others

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

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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.	11	16.5	7.7	14	13.2	27	12.6
in.	0,43	0,65	0,30	0,55	0,52	1,06	0,50

## RECOMMENDED BY LEMO

### Tools

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