

## SUMMARY

### # Wires

Low voltage	3
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*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.303.CLAC32</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	11.71 g

### Performance

Configuration	1S.303 : 3 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]

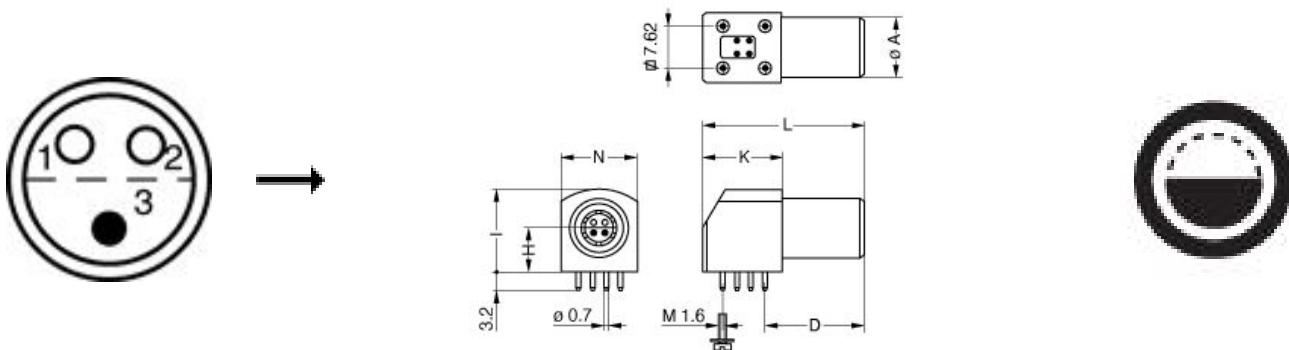
Climatical Category: 50/175/21

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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