



# **SUMMARY**

#### # Wires

Low voltage 3



Image is for illustrative purpose only

Series 1S

**Termination type** Female solder

IP rating 50

AWG wire size 22.00 - 22.00

Cable Ø 1.20 - 8.70 mm

Status active

Matching parts FFA.1S.303.CLAC22

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# **TECHNICAL DETAILS**

#### **Mechanics**

Shell Style/Model ERA\*: Fixed receptacle, nut fixing

Keying Hermaphroditic keying (half moon insert) with female pin 1

Housing Material Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Weight 8.28 g

#### **Performance**

Configuration 15.303 : 3 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 10 Amps

### **Specifications**

Contact Type: Solder

Contact Dia.: 0.9 mm (0.0354in) Bucket Dia.: 0.8 mm (0.031in)

Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)

R (max): 4.8 mOhm

Vtest: 1200 V (AC), 1800 V (DC)

#### **Others**

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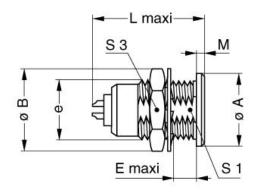
Endurance (Shell): 5000 mating cycles Temp (min / max): -55°C / +250°C

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**

#### **Draws**







### **Dimensions**

	А	В	E	L	М	<b>S</b> 1	<b>S</b> 3	e
mm.	14	16	7.5	21	1.5	10.5	14	M12x1.0
in.	0.55	0.63	0.30	0.83	0.06	0.41	0.55	

# **RECOMMENDED BY LEMO**

### **Tools**

#### Cables

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PVC	GREY	
PVC	GREY	>====
	Grey	-
PVC	Black	
	Grey	
PVC	Black	
PVC	Black	-
PVC	Grey	
PVC	Grey	
PVC	Black	-
PVC	Grey	
PVC	Black	- K-C
PVC	Grey	
	PVC	PVC GREY  Grey  PVC Black  PVC Black  PVC Black  PVC Black  PVC Black  PVC Grey  PVC Grey  PVC Grey  PVC Grey  PVC Grey  PVC Black  PVC Grey  PVC Grey  PVC Black  PVC Grey  PVC Black

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