



# SUMMARY

#### # Wires

Low voltage 3



Image is for illustrative purpose only

Series 0S

**Termination type** Female solder

IP rating 50

AWG wire size 24.00 - 24.00 Cable Ø 1.30 - 6.20 mm

Status active

Matching parts FFA.0S.303.CLAC17

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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 4.16 g

#### **Performance**

Configuration 0S.303 : 3 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 7 Amps

### **Specifications**

Contact Type: Solder

Contact Dia.: 0.7 mm (0.028in) Bucket Dia.: 0.6 mm (0.024in)

Max. Solid Conductor: 0.25 mm<sup>2</sup> (AWG 24) Max. Stranded Conductor: 0.14 mm<sup>2</sup> (AWG 26)

R (max): 6.1 mOhm

Vtest: 1060 V (AC), 1500 V (DC)

#### **Others**

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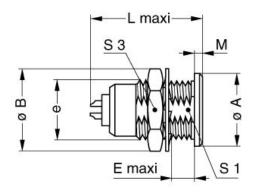
Endurance (Shell): 5000 mating cycles Temp (min / max): -55°C / +250°C

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	Е	L	М	S1	<b>S</b> 3	e
mm.	10	12.5	7	18.5	1.2	8.2	11	M9x0.6
in.	0.39	0.49	0.28	0.73	0.05	0.32	0.43	

# **RECOMMENDED BY LEMO**

### Tools

#### **Cables**

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CMN.03.T28.031PGCE	PVC	GREY	
CMN.03.B12.113PLZ			
CMN.03.T28.031PGZE		Grey	-
CMN.03.T28.031PNCE	PVC	Black	>=======
CMN.03.T28.031PNZE			-
003 050	PVC	Black	>======
003 081	PVC	Black	
003 280	PVC	Black	
030 110	PVC	Grey	
030 141	PVC	Grey	
030 260	PVC	Black	
060 080	PVC	Grey	
130 250	PVC	Grey	>=====

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