

# ERA.0S.302.CLL

## SUMMARY

#### # Wires

Low voltage



Image is for illustrative purpose only

Series	0S		
Termination type	Female solder		
IP rating	50		
AWG wire size	22.00 - 22.00		
Cable Ø	1.30 - 6.20 mm		
Status	active		
Matching parts	FFA.0S.302.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	4.11 g

#### Performance

Configuration	OS.302 : 2 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: 1500 V (AC), 2100 V (DC)

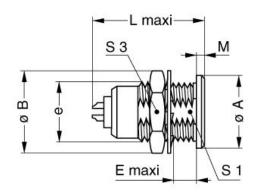
#### Others

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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	S1	\$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.02.T22.047PGCE	PVC	GREY	× ×
CMN.02.T28.030PGCE	PVC	GREY	-
CMN.02.T22.047PGZE		Grey	
CMN.02.T22.047PNCE	PVC	Black	
CMN.02.T22.047PNZE			
CMN.02.T28.030PGZE		Grey	
CMN.02.T28.030PNCE	PVC	Black	-
CMN.02.T28.030PNZE			
002 050	PVC	Black	
002 080	PVC	Grey	
002 221	PVC	Black	
002 260	PTFE	White	>
002 280	PVC	Black	
004 082	PVC	Grey	
020 140	PVC	Grey	
020 140	PVC	Grey	
020 141	PVC	Grey	
020 142	PVC	Red	
020 143	PVC	Green	
020 144	PVC	Black	
020 145	PVC	Yellow	
020 146	PVC	Black	
020 240	PTFE	White	**
020 260	PVC	Black	
020 264	PVC	Black	-
020 266	PVC	Violet	-
020 550	PUR	Black	
020 560	PUR	White	
120 184	PVC	Black	>• <b>•</b> •••
120 240	PVC	Black	
120 250	PVC	Grey	~ ~
CCX.50.RG1.74U30B	TFE	White	
CMB.02.210.635	PUR	Black	

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