

## SUMMARY

### # Wires

Low	4
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



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Series	1S
Termination type	Female solder
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	FFA.1S.304.CLAC17

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	ERA*: Fixed receptacle, nut fixing
Keying	Hermaphroditic keying ("half moon" insert), plug has male pin 1
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅0 - 0 mm
Variant	

### Performance

Configuration	1S.304 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	10 Amps

### Specifications

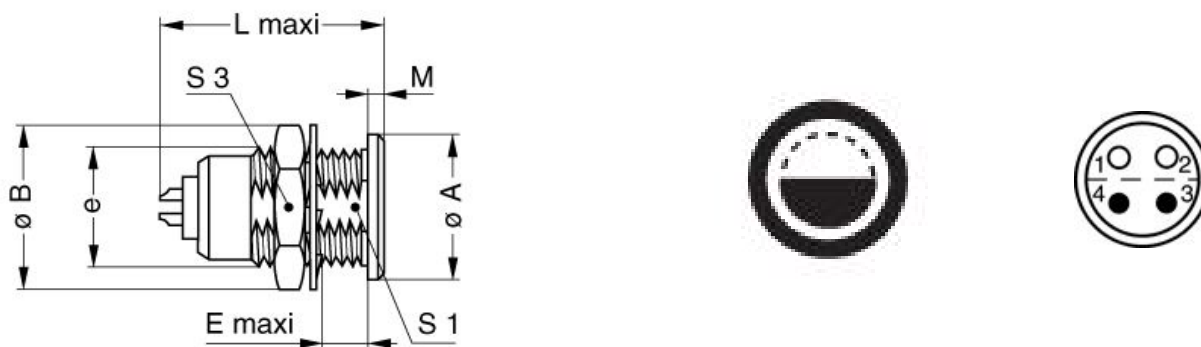
Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	0.9 mm (0.0354in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Solid Conductor:	0.34 mm <sup>2</sup> (AWG 22)
R (max):	4.8 mOhm
Vtest:	1200 V (AC), 1800 V (DC)

## Others

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]  
 Salt Spray Corrosion: >1000 hr  
 Climatological Category: 50/175/21  
 Shielding (min): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 IP Rating: 50

## DRAWINGS

### Draws



### Dimensions

	A	B	E	L	L1	M	S1	S3	e
mm.	14	16	7.5	20.2	20.5	1.5	10.5	14	M12x1.0
in.	0,55	0,63	0,30	0,80	0,81	0,06	0,41	0,55	

## RECOMMENDED BY LEMO




















### Tools

None

### Cables

CMN.04.T22.047PGCE	PVC	GREY	

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CMN.04.T22.047PGZE CMN.04.T22.047PNCE	PVC	Grey Black	
CMN.04.T22.047PNZE			
CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	
CMN.04.T28.031PGCE	PVC	GREY	
CMN.04.T28.031PGZE		Grey	
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			
CMN.04.T28.031QGC	TPR	Grey	
004 041	PVC	Grey	
004 050	PVC	Black	
004 080	PVC	Grey	
004 220	PVC	Black	
004 221	PVC	Black	
004 260	PTFE	White	
004 280	PVC	Black	
040 080	PVC	Black	
040 086	PVC	Blue	
040 140	PVC	Black	
040 240	PTFE	White	
040 260	PVC	Black	
080 080	PVC	Grey	
080 082	PVC	Red	
080 084	PVC	Black	
140 240	PVC	Black	
140 250	PVC	Grey	
417 920	PVC	Grey	
CTR.75.030.121870G	PVC	Grey	