

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage	5
Coax	1

Series	3S
Termination type	Female solder mixed / multi
IP rating	50
AWG wire size	0.00 - 26.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">FFA.3S.805.CLAC72Z</a>

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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 [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight	25.59 g

### Performance

Configuration	3S.805 : 1 Coax (50 Ohm), 5 Low V.
Insulator	T: PTFE
Rated Current	8 Amps

### Specifications

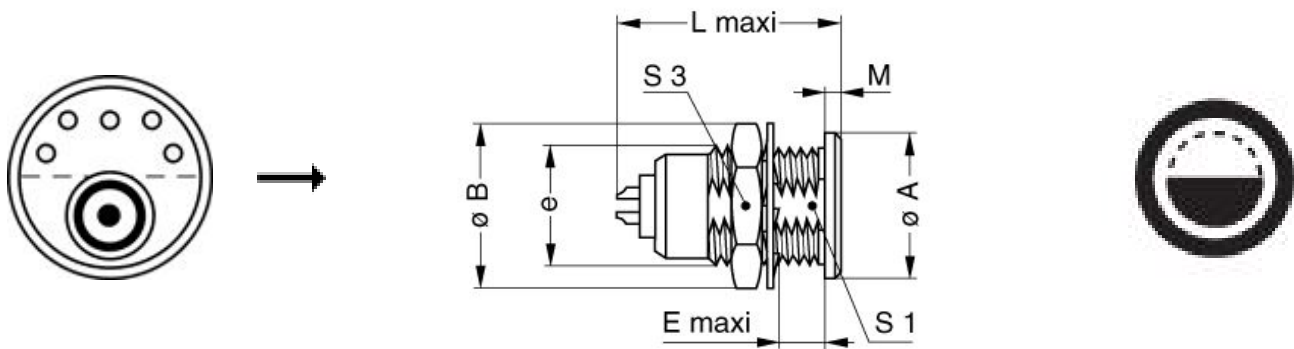
- Vtest: 2100 V (AC), 3000 V (DC)
- 
- Impedance: 50 Ohm
- Vtest (contact-shell): 1800 V (AC), 2550 V (DC)
- Cable type: RG 174 A/U, RG 188 A/U, RG 316 /U

### 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



### Dimensions

	A	B	E	L	M	S1	S3	e
mm.	22	25.1	11.5	29	2	16.5	22	M18x1.0
in.	0,87	0,99	0,45	1,14	0,08	0,65	0,87	

## RECOMMENDED BY LEMO

### Tools

Spanner 2: [DCP.99.050.TC](#)

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[FGJ.1B.306.CWLD72](#) [FGJ.3B.304.CYMD10Z](#) [FGJ.3B.304.CYMD82Z](#) [FHG.1B.303.CY CZ](#) [PCS.01.250.DLLE24](#) [PHG.0K.305.CYMC40Z](#)  
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