

## SUMMARY

### # Wires

Low voltage	7
High voltage	1



*Image is for illustrative purpose only*

Series	3S
Termination type	Female solder Hybrid
IP rating	50
AWG wire size	0.00 - 99.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">FFA.3S.707.CJAC10Z</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	24.56 g

### Performance

Configuration	3S.707 : 1 High V. 7 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	LV 8, HV 3 Amps

### Specifications

Contact Type: Solder  
Working voltage HV contact - Us (kV rms) 2.1  
Test voltage LV Ue (kV rms) 1  
Please use heatshrink to guarantee High Voltage performance ▢

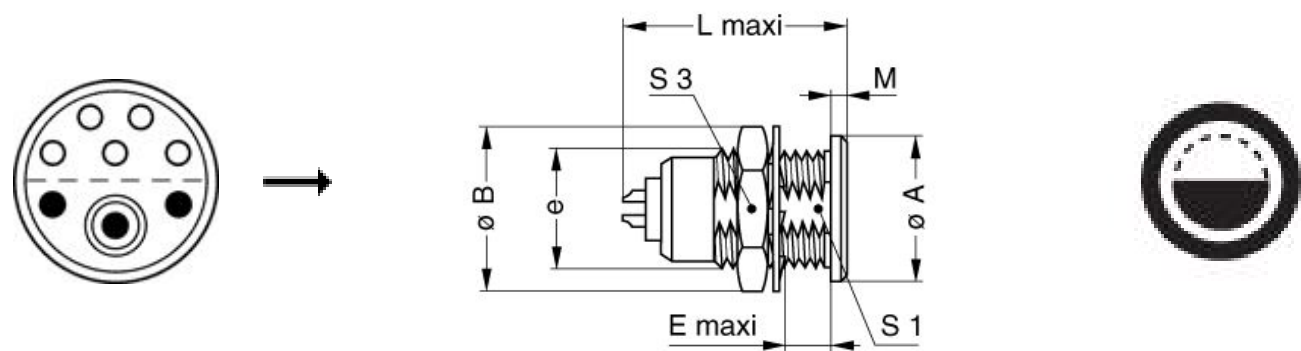
### Others

Endurance (Shell): 5000 mating cycles

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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

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