

## SUMMARY



*Image is for illustrative purpose only*

### # Wires

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

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Series	5S
Termination type	Female solder High-Voltage
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	FFA.5S.438.CLAC82
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	ERA*: Fixed receptacle, nut fixing
Keying	Circular (can rotate), plug has male contact(s)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 0 - 0 mm
Variant	
Weight	131.58 g

### Performance

Configuration	5S.438 : 8 High Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	

### Specifications

Contact Type: Solder
Working voltage HV contact - Us (kV rms) 2.1
Test voltage LV Ue (kV rms) -

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Rated current LV (A) -

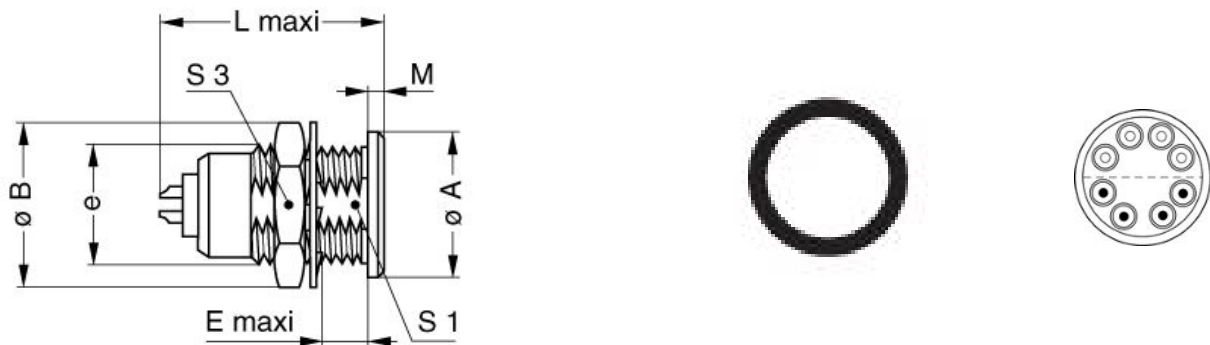
## Others

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  
Climatical Category: 50/175/21  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
IP Rating: 50

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## DRAWINGS

### Draws



### Dimensions

	A	B	E	L	M	S1	e
mm.	40	40	15.5	45	3	33.5	M35x1.0
in.	1,57	1,57	0,61	1,77	0,12	1,32	

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## RECOMMENDED BY LEMO

### Tools

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None

## Cables

120 222			
121 221			
130 222			
131 221			
150 222			
151 221			
160 222			
161 221			

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