

## SUMMARY

### # Wires

Low	3
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

Series	3S
Termination type	Female solder
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	FFA.3S.303.CLAC10
Status	active
Alternative part	

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	ERD*: Fixed receptacle with two nuts (back panel mounting)
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	Ø 0 - 0 mm
Variant	
Weight	27.32 g

### Performance

Configuration	3S.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	20 Amps

### Specifications

Contact Type: Solder  
Vtest: 1500 V (AC), 2100 V (DC)

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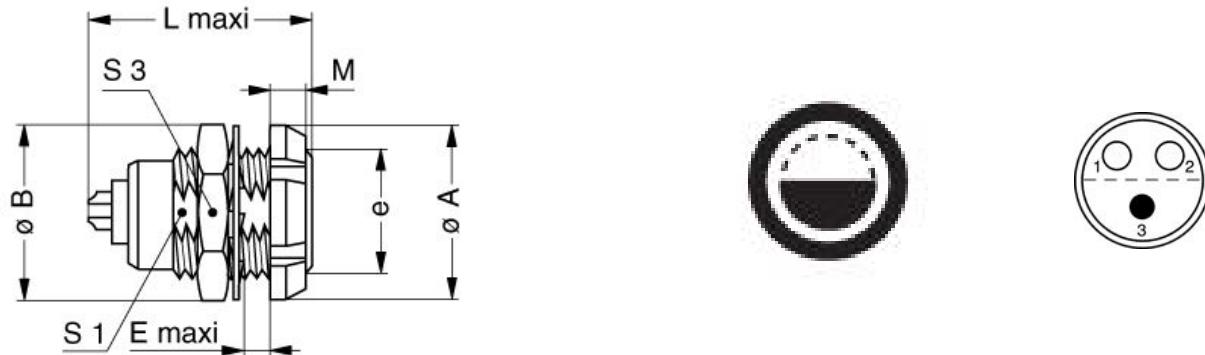
## Others

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	S3	e
mm.	24	25.2	9	29	4.5	16.5	22	M18x1.0
in.	0,94	0,99	0,35	1,14	0,18	0,65	0,87	

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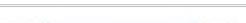
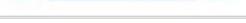
## RECOMMENDED BY LEMO

### Tools

None

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## Cables

CMN.03.B12.113PLZ			
CMN.03.T14.078PGCE			
CMN.03.T18.055PGCE	PVC	GREY	
CMN.03.T18.055PGZE		Grey	
CMN.03.T18.055PNCE	PVC	Black	
CMN.03.T18.055PNZE			
CMN.03.T18.055QGZE	TPR (medical)	Grey	
CMN.03.T20.049PGCE	PVC	GREY	
CMN.03.T20.049PGZE		Grey	
CMN.03.T20.049PNCE	PVC	Black	
CMN.03.T20.049PNZE			
CMN.03.T22.049PGCE	PVC	GREY	
CMN.03.T22.049PGZE		Grey	
CMN.03.T22.049PNCE	PVC	Black	
CMN.03.T22.049PNZE			
CMN.03.T28.031PGCE	PVC	GREY	
CMN.03.T28.031PGZE		Grey	
CMN.03.T28.031PNCE	PVC	Black	
CMN.03.T28.031PNZE			
003 041	PVC	Grey	
003 050	PVC	Black	
003 081	PVC	Black	
003 220	PVC	Black	
003 280	PVC	Black	
030 110	PVC	Grey	
030 141	PVC	Grey	
030 200	PVC	Black	
030 260	PVC	Black	
060 080	PVC	Grey	
130 240	PVC	Black	
130 250	PVC	Grey	
230 500	PVC	Grey	
230 750	PVC	Grey	
330 150	PVC	Grey	

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