

## SUMMARY

### # Wires

Low voltage	2
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*Image is for illustrative purpose only*

Series	3S
Termination type	Male solder
IP rating	50
AWG wire size	22.00 - 14.00
Cable Ø	5.80 - 7.20 mm
Status	active
Alternative part	<a href="#">FFA.3S.302.CLAC72</a>
Matching parts	<a href="#">ERA.3S.302.CLL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
Keying	Hermaphroditic keying (half moon insert) with male 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	53.30 g

### Performance

Configuration	3S.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	23 Amps

### Specifications

Contact Type: Solder  
 Vtest: 3000 V (AC), 4200 V (DC)

### Others

Endurance (Shell): 5000 mating cycles  
 Temp (min / max): -55 °C / +250 °C  
 Humidity (max): <=95% [at 60 deg C /140 F]

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Vibration: 15 g [10 Hz - 2000 Hz]

Shock Resistance: 100 g [ 6 ms]

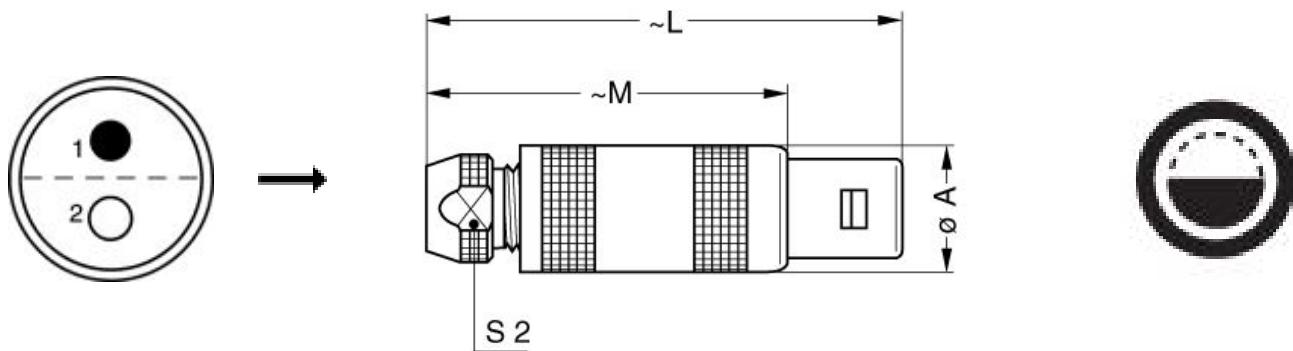
Climatical Category: 50/175/21

Shielding (min): 75 dB (10 MHz)

Shielding (min): 40 dB (1 GHz)

Salt Spray Corrosion: >144 hr

## DRAWINGS



### Dimensions

	A	L	M	S2
mm.	17.8	61	46	14
in.	0,70	2,40	1,81	0,55

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCP.91.023.TN](#)

### Cables

CMN.02.T14.072PGZE		Grey	
CMN.02.T14.072PNZE		Black	

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CMN.02.T14.072QGZE	TPR (medical)	Grey	
CMN.02.T18.064UNCU			
102080	PVC	Grey	
220151	PVC	Grey	
220750	PVC	Grey	

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