

## SUMMARY

### # Wires

Low	18
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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Series	3S
Termination type	Male solder
IP rating	50
Cable Ø	0.00 - 10.00 mm
Matching parts	ERA.3S.318.CLL
Status	NRND
Alternative part	FFA.3S.318.CLAC11Z

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet and nut for fitting a bend relief
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	C10: 0 - 10 mm
Variant	Z : Nut for fitting a bend relief
Weight	57.93 g

### Performance

Configuration	3S.318 : 18 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	6 Amps

### Specifications

Contact Type: Solder  
Max. Matings: 5000

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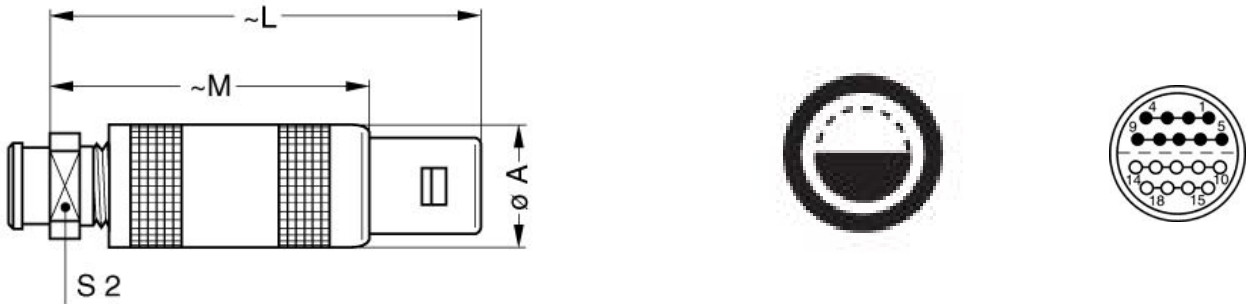
Contact Dia.: 0.9 mm (0.0354in)  
 Bucket Dia.: 0.8 mm (0.031in)  
 Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 R (max): 4.8 mOhm  
 Vtest: 1060 V (AC), 1500 V (DC)

## 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: >144 hr  
 Climatical Category: 50/175/21  
 Shielding (min): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 IP Rating: 50

## DRAWINGS

### Draws



### Dimensions

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










## RECOMMENDED BY LEMO

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## Tools

Spanner wrench: MTZ.3S.500.014

## Cables

CMN.18.T22.080PGCE	PVC	GREY	
CMN.18.T22.080PGZE		Grey	
CMN.18.T22.080PNCE	PVC	Black	
CMN.18.T22.080PNZE			
CMN.18.T30.048QGZE	TPR (medical)	Grey	
218 220	PVC	Black	
218 240	PVC	Black	
218 260	PVC	Black	
236 080	PVC	Grey	
318 250	PVC	Grey	

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