

## SUMMARY

### # Wires

Low voltage 18



*Image is for illustrative purpose only*

Series	3S
Termination type	Female solder
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	4.30 - 5.70 mm
Status	active

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[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PSP*: Fixed receptacle, nut fixing, cable collet and inner anti-rotating device
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	56.04 g

### Performance

Configuration	3S.318 : 18 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	6 Amps

### Specifications

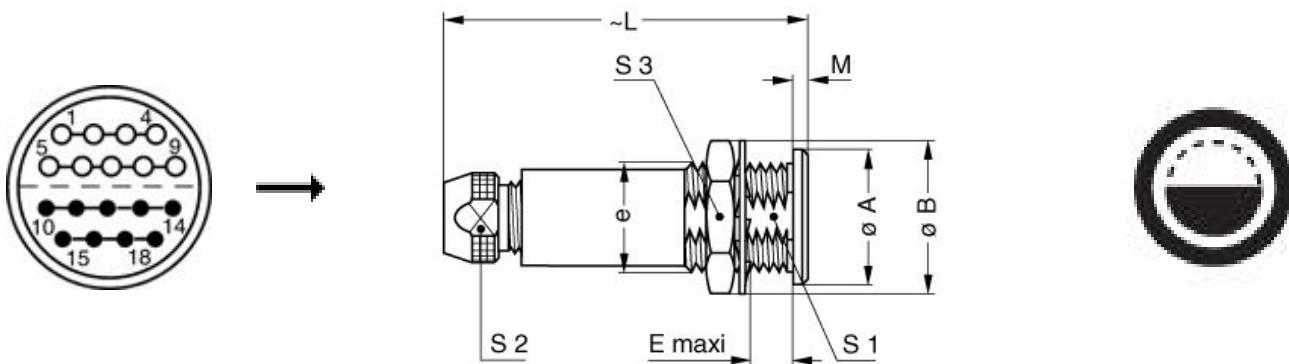
Contact Type: Solder  
Contact Dia.: 0.9 mm (0.0354in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 4.8 mOhm  
Vtest: 1060 V (AC), 1500 V (DC)

### Others

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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]  
 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	B	E	L	M	S1	S2	S3	e
mm.	22	25,2	11,5	59	2	16,5	14	22	M18x1,0
in.	0,87	0,99	0,45	2,32	0,08	0,65	0,55	0,87	

## RECOMMENDED BY LEMO

### Tools

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

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## Cables

CMN.18.T30.048QGZE	TPR (medical)	Grey	
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