

SUMMARY

Wires

Low voltage	10
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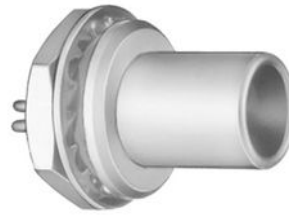


Image is for illustrative purpose only

Series	3S
Termination type	Male solder
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	PCA.3S.310.CLLC10

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FAA*: Fixed plug, non-latching, nut fixing
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	31.07 g

Performance

Configuration	3S.310 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	9 Amps

Specifications

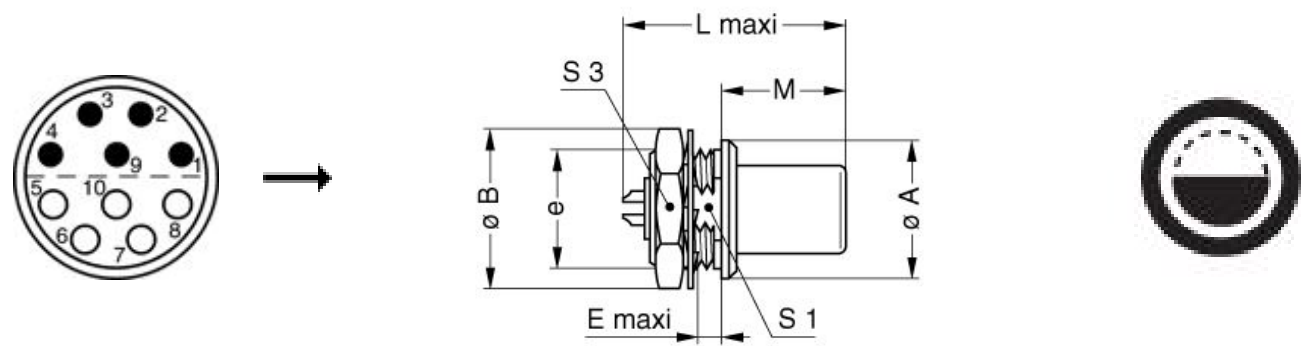
Contact Type: Solder
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1 mm (0.039in)
Max. Solid Conductor: 0.5 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R (max): 3.6 mOhm
Vtest: 1060 V (AC), 1500 V (DC)

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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]
- 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	M	S1	e
mm.	22	25	4	31	17	17	16.5	M18x1.0
in.	0,87	0,98	0,16	1,22	0,67	0,67	0,65	

RECOMMENDED BY LEMO

Tools

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Cables

CMN.10.T20.080PGZE		Grey	
CMN.10.T20.080PNZE			
CMN.10.T20.080QGC	TPR	Grey	
CMN.10.T22.068QGZE	TPR (medical)	Grey	
CMN.10.T28.052PGZE		Grey	
CMN.10.T28.052PNZE			
CMN.10.T28.053QGZE	TPR (medical)	Grey	
110220	PVC	Black	
110240	PTFE	White	
110260	PTFE	White	
110280	PVC	Black	
210140	PVC	Grey	
210240	PVC	Black	
210250	PVC	Grey	
210260	PVC	Black	

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