

SUMMARY

Wires

Low	4
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



Image is for illustrative purpose only

Series	2S
Termination type	Female solder
IP rating	50
Cable Ø	6.30 - 7.20 mm
Matching parts	FFA.2S.304.CLAC72
Status	active
Alternative part	

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PSA*: Fixed receptacle, nut fixing, cable collet
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	∅ 6.3 - 7.2 mm
Variant	
Weight	28.71 g

Performance

Configuration	2S.304 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	15 Amps

Specifications

Contact Type: Solder
Max. Matings: 5000
Contact Dia.: 1.3 mm (0.051in)

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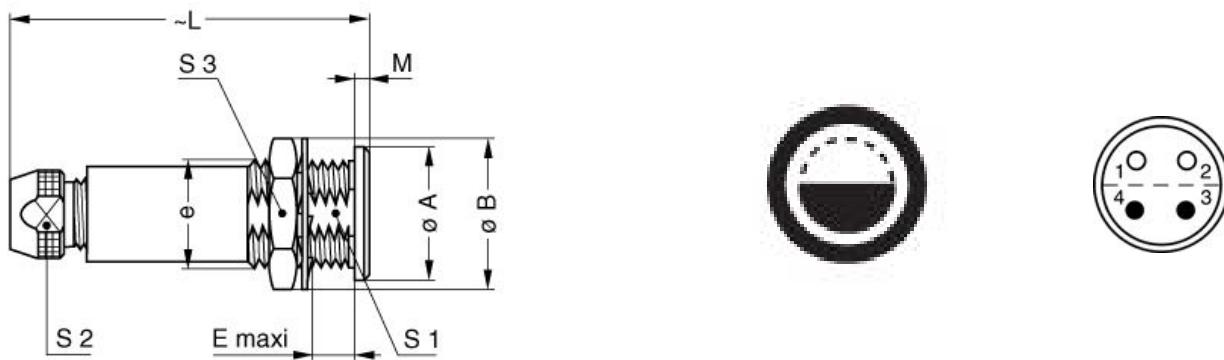
Bucket Dia.: 1 mm (0.039in)
 Max. Solid Conductor: 0.5 mm² (AWG 20)
 Max. Stranded Conductor: 0.5 mm² (AWG 20)
 R (max): 3.6 mOhm
 Vtest: 1700 V (AC), 2400 V (DC)

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	B	C	E	L	M	S1	S2	S3	e
mm.	18	19.5	8.5	8.5	50	1.8	13.5	11	17	M15x1.0
in.	0,71	0,77	0,33	0,33	1,97	0,07	0,53	0,43	0,67	

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RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.2S.025.PA110

Cables

240 750	PVC	Grey	
417 920	PVC	Grey	
CTR.75.030.121870G	PVC	Grey	

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