

SUMMARY



Image is for illustrative purpose only

Wires

Low	2
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	1S
Termination type	Female print PCB
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	FFA.1S.302.CLAC17
Status	
Alternative part	

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	ECP*: Fixed receptacle with two nuts, long threaded shell, with straight contact for printed circuit (back panel mounting)
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	∅ 0 - 0 mm
Variant	

Performance

Configuration	1S.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	15 Amps

Specifications

Contact Type: Print (straight)
Max. Matings: 5000
Contact Dia.: 1.3 mm (0.0512in)
Vtest: 1200 V (AC), 1800 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: >1000 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	E	M	N	S1	S3	e
mm.	16	16	10	3.5	17.5	10.5	14	M12x1.0
in.	0,63	0,63	0,39	0,14	0,69	0,41	0,55	

RECOMMENDED BY LEMO

Tools

None

Cables