

SUMMARY

Wires

Low	0
High	0
Coax	1
Triax	0
Quad	0
Fiber	0
Fluidic	0



Image is for illustrative purpose only

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Series	1S
Termination type	Male solder Coaxial
IP rating	50
Cable Ø	4.20 - 5.20 mm
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFB*: Straight plug, cable collet and safety locking ring
Keying	Circular, male
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant	
Weight	19.21 g

Performance

Configuration	1S.275 : 1 Coax (75 Ohm)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

Specifications

Contact Type: Coaxial 75 Ohm (Solder)
Contact Dia.: 1.3 mm (0.0512in)
Bucket Dia.: 1.1 mm (0.0432in)
Vtest: 2400 V (AC), 3300 V (DC)
Impedance: 75 Ohm

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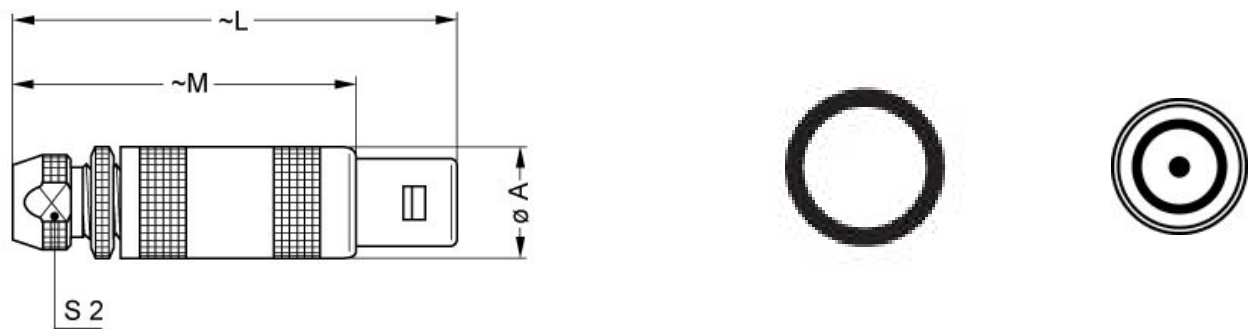
VSWR: 1.02 + 0.08 * f/GHz
Cable type: RG 179 B/U, RG 187 A/U, RG 58 C/U, RG 302 /U, RG 400 /U, 2YCCY, RG 59 B/U, RG 223 /U, HF-5408

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
- IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	L	M	S2
mm.	12	45	34	8.5
in.	0.47	1.77	1.34	0.33

RECOMMENDED BY LEMO

Tools

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Cables

158 480	PUR	Black	
158 490	PVC	Black	
CCX.50.088.292495N	PVC	Black	
CCX.50.RG5.8CU50N	PVC	Black	

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