

SUMMARY



Image is for illustrative purpose only

Wires

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

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

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFB*: Straight plug, cable collet and safety locking ring
Keying	
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	C52: 4.2 - 5.2 mm
Variant	
Weight	20.43 g

Performance

Configuration	1S.250 : 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated Current	12 Amps

Specifications

Contact Type:	Coaxial 50 Ohm (Solder)
Max. Matings:	1000
Contact Dia.:	1.6 mm (0.063in)

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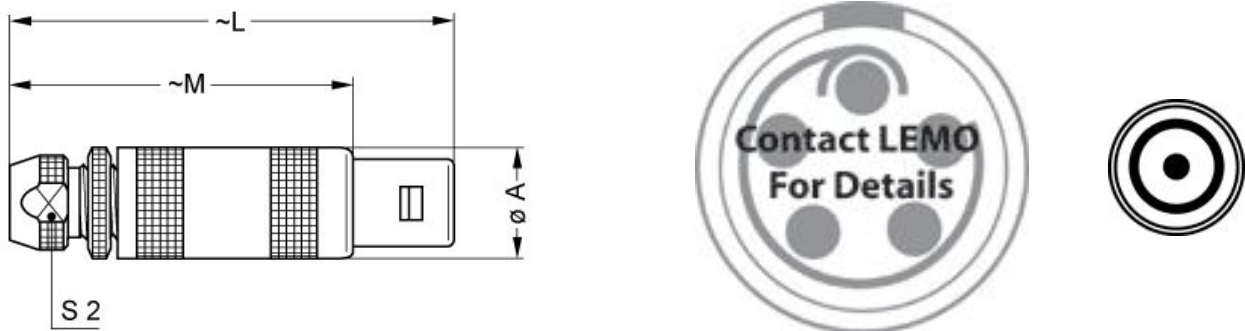
Bucket Dia.: 1.4 mm (0.055in)
 Vtest: 3000 V (AC), 4200 V (DC)
 Impedance: 50 Ohm
 VSWR: $1.01 + 0.23 * f/\text{GHz}$
 Cable type: RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U

Others

Endurance (Shell): 5000 mating cycles
 Temp (min / max): $-55^{\circ}\text{C} / +250^{\circ}\text{C}$
 Humidity (max): $\leq 95\%$ [at $60^{\circ}\text{C} / 140^{\circ}\text{F}$]
 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	L	M	S2
mm.	12	45	34	8.5
in.	0,47	1,77	1,34	0,33

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RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.1S.015.PA085

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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