

SUMMARY

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	3.20 - 4.20 mm
Matching parts	ERA.1S.275.CTL

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet and nut for fitting a bend relief
Keying	Circular (can rotate), plug has male contact(s)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	C42: 3.2 - 4.2 mm
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	1S.275 : 1 Coax (75 Ohm)
Insulator	T: PTFE
Rated Current	10 Amps

Specifications

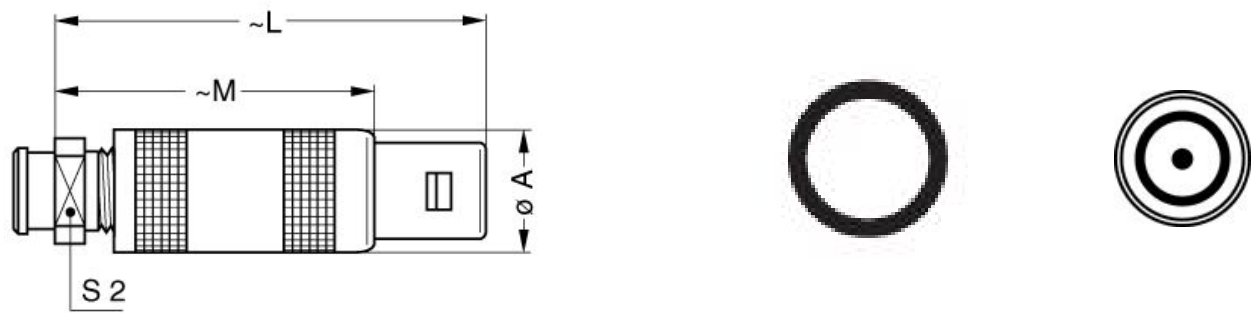
Contact Type: Coaxial 75 Ohm (Solder)
Max. Matings: 1000
Contact Dia.: 1.3 mm (0.0512in)
Bucket Dia.: 1.1 mm (0.0432in)
Vtest: 2400 V (AC), 3300 V (DC)
Impedance: 75 Ohm
VSWR: 1.02 + 0.08 * f/GHz
Cable type: RG 179 B/U, RG 187 A/U, RG 58 C/U, RG 302 /U, RG 400 /U, 2YCCY, RG 59 B/U, RG 223 /U, HF-5408

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]
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	42.5	31.5	9
in.	0,47	1,67	1,24	0,35

RECOMMENDED BY LEMO

Tools

Spanner wrench: MTZ.1B.132.090

Cables