

SUMMARY

Wires

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



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Series	1E
Termination type	Female crimp
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	xxx

TECHNICAL DETAILS

Mechanics

Shell Style/Model	SWH*: Fixed coupler, nut fixing, watertight or vacuum-tight
Keying	Circular (can rotate), flange side: female contacts, other side: female contacts
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	Ø 0 - 0 mm
Variant	PV : Watertight / Vacuum-tested

Performance

Configuration	1E.650 : 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated Current	6 Amps

Specifications

Vtest: 1200 V (AC), 1690 V (DC)
Impedance: 50 Ohm
VSWR: $1.01 + 0.17 * f / \text{GHz}$
Cable type: RGT 178, RGT 174, Belden 9222

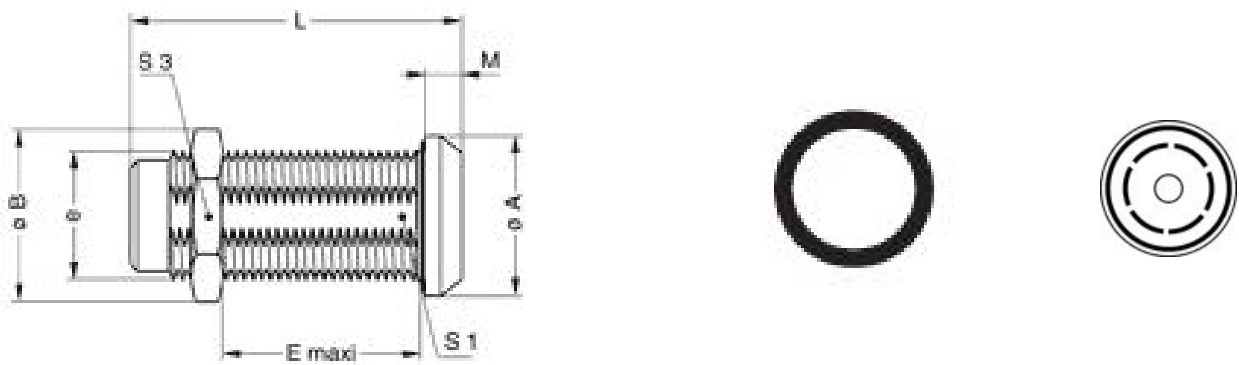
Others

Endurance (Shell): 5000 mating cycles

Temp (min / max): -20° C / +100° 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: 20/80/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
R leak (He) (max): 0.0000001 mbar*l/s (if vacuum-tested)
Pressure: 60 bars
IP Rating: 68

DRAWINGS

Draws



Dimensions

	A	B	E	L	M	S1	S3	e
mm.	20	21.5	30.5	47	4.5	14.5	19	M16x1.0
in.	0,79	0,85	1,20	1,85	0,18	0,57	0,75	

RECOMMENDED BY LEMO

Tools

None

Cables