

SUMMARY

Wires

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

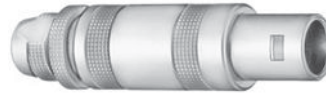


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Series	1S
Termination type	Male solder High-Voltage
IP rating	50
Cable Ø	2.20 - 3.20 mm
Status	NRND
Alternative part	FFB.1S.405.CTAC32
Matching parts	ERA.1S.405.CTL

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.405 : 1 High Voltage
Insulator	T: PTFE
Rated Current	8 Amps

Specifications

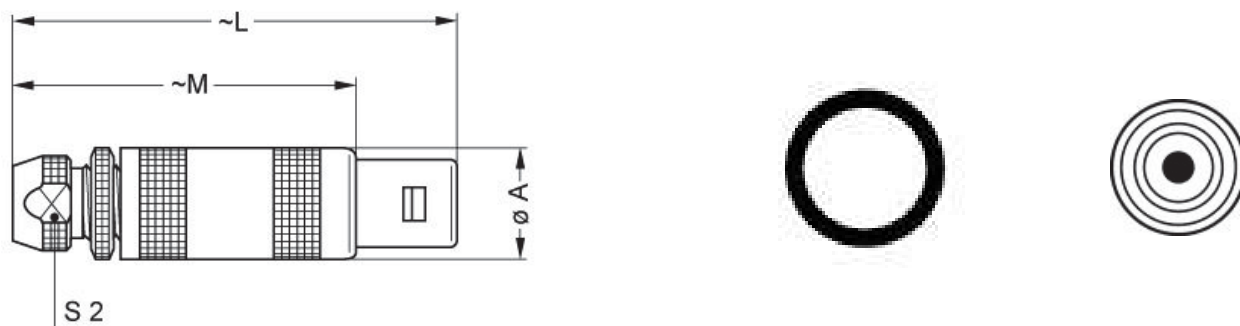
Contact Type: Solder	
Test voltage (kV DC)	10.5
Test voltage (kV AC)	7.5
Creepage dist.(mm):	10.5

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

Spanner wrench: DCD.1S.015.PA085

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Cables