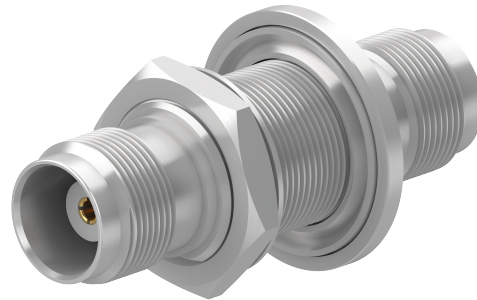


COAXIAL SURGE PROTECTOR DEVICE, Miniature GDT technology

3404.26.0002

Properties

- Broadband frequency range from DC to 3 GHz
- Space saving inline design
- DC continuity for remote powering
- Fix installed GDT, static spark over-voltage nom. 150 V



Product configuration	
Main path connectors	Port 1: unprotected, TNC jack (female) Port 2: protected, TNC jack (female)
Mounting and grounding	MH4 (bulkhead mounting)
Inline design	YES

Interface and material data	
Housing material / plating	Brass / SUCOPLATE (R) Plating
Center contact, material / plating	Port 1: Copper Beryllium Alloy / Gold Plating (without Nickel underplating)
	Port 2: Copper Beryllium Alloy / Gold Plating (without Nickel underplating)

Electrical data	
Impedance	50 Ω
Frequency frame	0 MHz to 2000 MHz
Return loss typical	16.5 dB
Insertion loss typical	0.3 dB
CW power frame	≤ 12 W
Peak power frame	≤ 50 W
Static spark voltage	230 V, +/- 20 % (@ 100 V/s)
Residual pulse energy (typ.)	250 μ J (test pulse 4 kV 1.2/50 μ s; 2 kA 8/20 μ s)
Surge current handling capability	2.5 kA multiple (test pulse 8/20 μ s)

Electrical bands	
	Range 1
Frequency range	0 MHz ... 1000 MHz
Return loss typical	≥ 23.1 dB
Insertion loss	≤ 0.15 dB

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Electrical bands	
	Range 1
Power avg. / peak	≤25 W / -
Electrical remarks	
DC current	2.5 A
Gas tube	Yes DC, GDT included, not replaceable
Mechanical data	
Weight	28 g
Mating cycles	500
Environmental data	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Ingress protection (IP Rating)	IP20
Thermal shock according	MIL-STD-202, Method 107, Cond. B
Vibration according	MIL-STD-202, Method 204, Cond. D
Moisture resistance according	MIL-STD-202, Method 106
Comment	
	- max power : DC= 50W - current rating (DC) 2.5A - insulation resistance min. (at 50V) 100MOhm - DC sparkover voltage: 230V +- 20V - impulse sparkover voltage: typ. <1500V (at 1kV/ns
Ordering Information Table	
Item number	Item description
22651201	3404.26.0002

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