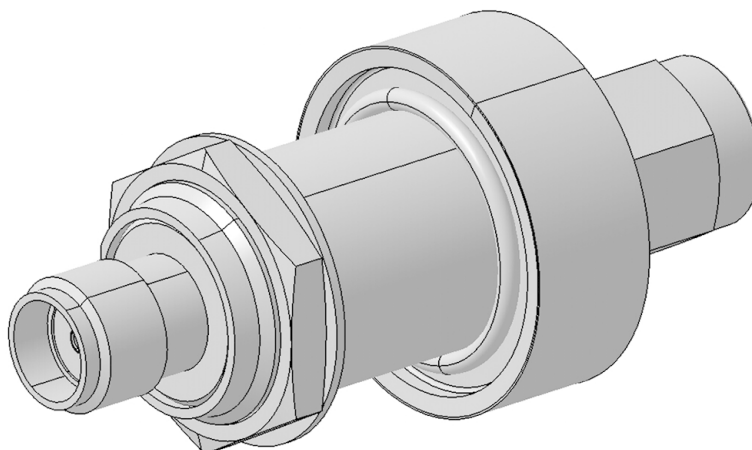


**COAXIAL SURGE PROTECTOR DEVICE, Slim Line GDT technology**

3406.19.0004

**Properties**

- Slim in-line design
- Broadband operation from DC up to 5.8 GHz
- DC continuity for remote powering
- Permanently installed gas discharge tube
- RF power up to 60W max.

**Product configuration**

Main path connectors	Port 1: unprotected, SMA plug (male) Port 2: protected, SMA jack (female)
Mounting and grounding	MH3 (bulkhead mounting)
Side of bulkhead	protected side
Inline design	YES
EMP can be install reversed	YES

**Interface and material data**

Housing material / plating	Brass / Silver / Gold Plating
Center contact, material / plating	Port 1: Brass / 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 5800 MHz
Return loss typical	18.5 dB
Insertion loss typical	0.2 dB
CW power frame	60 W
Static spark voltage	200 V, +/- 25 % (@ 100 V/s)
Residual pulse energy (typ.)	250 μJ (test pulse 4 kV 1.2/50 μs; 2 kA 8/20 μs)
Surge current handling capability	10 kA single, 5 kA multiple (test pulse 8/20 μs)

**Electrical bands**

	Range 1	Range 2
Frequency range	0 MHz ... 5600 MHz	5600 MHz ... 5800 MHz
Return loss	20 dB	18.5 dB
Insertion loss	0.2 dB	0.2 dB

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<b>Electrical remarks</b>	
DC supply voltage	48 V
DC current	2 A
Gas tube	Yes DC, GDT included, not replaceable

<b>Mechanical data</b>	
Weight	24 g
Mating cycles	500

<b>Environmental data</b>	
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

<b>Comment</b>	
	Waterproof degree for unprotected side in mated condition: IP65 acc. IEC 60529.

<b>Ordering Information Table</b>	
Item number	Item description
23026259	3406.19.0004

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