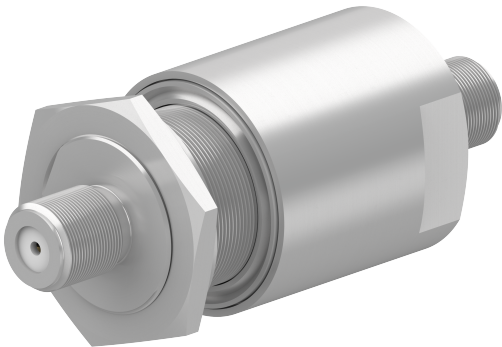


COAXIAL SURGE PROTECTOR DEVICE, Slim Line GDT technology
3406.99.0004

Properties

- Slim in-line design
- Broadband operation from DC up to 3 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, F jack (female) Port 2: protected, F jack (female)
Mounting and grounding	MH25 (bulkhead mounting)
Side of bulkhead	protected side
Inline design	YES
EMP can be install reversed	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	75 Ω
Frequency frame	0 MHz to 2500 MHz
Return loss typical	11 dB
Insertion loss typical	0.35 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 ... 1900 MHz	1900 MHz ... 2100 MHz
Return loss typical	18 dB	15 dB
Insertion loss	0.2 dB	0.2 dB

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Electrical bands			
	Range 1		Range 2
Power avg. / peak	60 W / -		60 W / -
Electrical remarks			
Gas tube		Yes DC, GDT included, not replaceable	
Environmental data			
Operation temperature		-40 °C ... 85 °C	
Storage temperature		-40 °C ... 85 °C	
Ingress protection (IP Rating)		IP65	
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	
Compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
23024367	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead
Ordering Information Table			
Item number		Item description	
23024367		3406.99.0004	

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