COAXIAL SURGE PROTECTOR DEVICE, GDT technology up to 2.5 GHz
3402.26.0002

Properties

- Broadband frequency operation from DC to 2.5 GHz

- Gas discharge tube replaceable and not included

- DC/AC remote powering via coaxial same cable

- Surge current handling capability 30 kA once and 20 kA multiple

- Semper self-extinguishing functionality optional

Product configuration	
Main path connectors	Port 1: unprotected, TNC jack (female)
	Port 2: protected, TNC jack (female)
Mounting and grounding	MH25 (bulkhead mounting)
Side of bulkhead	protected side
Capsule holder with chain	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	50 Ω
Frequency frame	0 MHz to 2500 MHz
Return loss typical	≥ 20 dB
Insertion loss typical	≤ 0.2 dB
CW power frame	≤ 150 W
Residual pulse energy (typ.)	350 µJ (test pulse 4 kV 1.2/50 µs; 2 kA 8/20 µs)
Residual pulse voltage (typ.)	650 V (test pulse 4 kV 1.2/50 µs; 2 kA 8/20 µs)
Surge current handling capability	30 kA single, 20 kA multiple (test pulse 8/20 µs)

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Electrical remarks	
Gas tube	Yes DC, GDT not included
Electrical remarks	Data refer to GDT 9071.99.0547, 230 V

Mechanical data	
Weight	118 g
Mating cycles	500

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

Comment	
NATO Stock Number	5920-12-380-1528

Ordering Information Table	
Item number	Item description
22649361	3402.26.0002

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