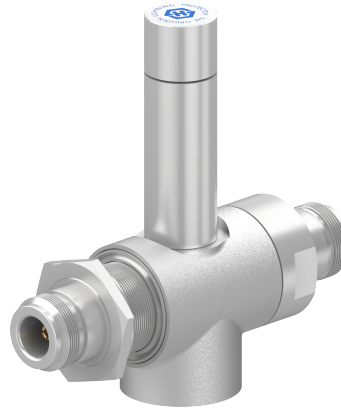


COAXIAL SURGE PROTECTOR DEVICE, Quarter-wave stub technology, NEMP tested

3400.17.0385

Properties

- Maintenance-free products
- NEMP tested
- Aeronautical Radionavigation
- Aviation Radio Navigation Service
- Radio Navigation Satellite Service
- Global Navigation Satellite Service



Product configuration

Main path connectors	Port 1: unprotected, N jack (female) Port 2: protected, N jack (female)
Mounting and grounding	MH25 (bulkhead mounting), M8 (screw)
Side of bulkhead	protected side
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	830 MHz to 1650 MHz
Return loss typical	≥ 21 dB
Insertion loss typical	≤ 0.1 dB
CW power frame	≤ 500 W
Peak power frame	≤ 10000 W
Residual pulse energy (typ.)	4 μ J LEMP (test pulse 4 kV 1.2/50 μ s; 2 kA 8/20 μ s) 60 μ J NEMP (test pulse 6 kV 5/200 ns)
Residual pulse voltage (typ.)	6 V LEMP (test pulse 4 kV 1.2/50 μ s; 2 kA 8/20 μ s) 335 V NEMP (test pulse 6 kV 5/200 ns)
Surge current handling capability	50 kA multiple (test pulse 8/20 μ s)
	25 kA multiple (test pulse 10/350 μ s)

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Electrical remarks	
Gas tube	No DC / shorted QW or LC
Electrical remarks	Frequency range 830 MHz - 1650 MHz RL: 24 dB (typ.); IL: 0.05 dB (typ.)

Mechanical data	
Weight	334 g
Mating cycles	500

Environmental data	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Ingress protection (IP Rating)	Mated / IP65, according to IEC 60529
Thermal shock according	MIL-STD-202, Method 107, Cond. B
Vibration according	MIL-STD-202, Method 204, Cond. A
Moisture resistance according	MIL-STD-202, Method 106

Compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
23034907	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
23034907	3400.17.0385

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