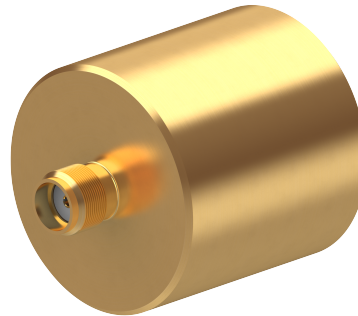


COAXIAL SURGE PROTECTOR DEVICE, Quarter-wave stub technology, NEMP tested

3400.19.0016

Properties

- Compact design
- Suitable for Identification Friend or Foe transponder
- Suitable for Mode A/C/S Secondary Surveillance Radar
- Suitable for ACAS (Airborne Collision Avoidance System)
- Suitable for WAM (Wide Area Multilateration) / MLAT
- NEMP tested
- Maintenance-free products



Product configuration

Main path connectors	Port 1: unprotected, SMA jack (female) Port 2: protected, SMA jack (female)
Mounting and grounding	M3 (screw), brk (bracket)
Inline design	YES
EMP can be install reversed	YES

Interface and material data

Housing material / plating	Brass / SUCOPRO Plating
Center contact, material / plating	Port 1: Copper Beryllium Alloy / SUCOPRO Plating Port 2: Copper Beryllium Alloy / SUCOPRO Plating

Electrical data

Impedance	50 Ω
Frequency frame	1020 MHz to 1100 MHz
Return loss typical	≥ 20 dB
Insertion loss typical	≤ 0.1 dB
CW power frame	≤ 160 W
Peak power frame	1000 W
Residual pulse energy (typ.)	5 μ J LEMP (test pulse 4 kV 1.2/50 μ s; 2 kA 8/20 μ s) 20 μ J NEMP (test pulse 6 kV 5/200 ns) 1.2 mJ (test pulse 27 kA 8/20 μ s)
Residual pulse voltage (typ.)	5 V LEMP (test pulse 4 kV 1.2/50 μ s; 2 kA 8/20 μ s) 370 V NEMP (test pulse 6 kV 5/200 ns) 50 V (test pulse 27 kA 8/20 μ s)

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