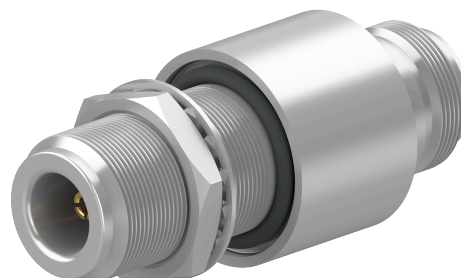


**COAXIAL SURGE PROTECTOR DEVICE, Slim Line GDT technology**

3406.17.0027

**Properties**

- Slim in-line design
- Broadband operation from DC up to 4 GHz
- DC continuity for remote powering
- Permanently installed gas discharge tube

**Product configuration**

Main path connectors	Port 1: unprotected, N jack (female) Port 2: protected, N jack (female)
Mounting and grounding	MH24 (bulkhead mounting)
Side of bulkhead	protected side
Inline design	YES
EMP can be install reversed	YES

**Interface and material data**

Housing material / plating	Brass / Tri-metal Plating
Center contact, material / plating	Port 1: Bronze / Gold Plating Port 2: Bronze / Gold Plating

**Electrical data**

Impedance	50 $\Omega$
Frequency frame	0 MHz to 4000 MHz
Return loss typical	$\geq 20$ dB
Insertion loss typical	$\leq 0.2$ dB
CW power frame	$\leq 21$ W
Static spark voltage	90 V, +/- 20 % (@ 100 V/s)
Residual pulse energy (typ.)	250 $\mu$ J LEMP (test pulse 4 kV 1.2/50 $\mu$ s; 2 kA 8/20 $\mu$ s) 535 $\mu$ J (test pulse 2.5 kA 10/350 $\mu$ s)
Residual pulse voltage (typ.)	680 V LEMP (test pulse 4 kV 1.2/50 $\mu$ s; 2 kA 8/20 $\mu$ s) 500 V (test pulse 2.5 kA 10/350 $\mu$ s)
Surge current handling capability	10 kA single, 5 kA multiple (test pulse 8/20 $\mu$ s)

**Electrical remarks**

Gas tube	Yes DC, GDT included, not replaceable
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<b>Mechanical data</b>	
Weight	77 g
Mating cycles	500

<b>Environmental data</b>	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Ingress protection (IP Rating)	IP68
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>Compliance</b>			
Item number	Directive / Regulation	Rating	Exemptions / Details
84041874	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

<b>Comment</b>	
NATO Stock Number	Accessories: grounding ring 9075.99.0026, terminal lug for cable 6AWG/16 mm <sup>2</sup> (diameter 6 mm), material: copper, tin plated 5920-01-620-0251

<b>Ordering Information Table</b>	
Item number	Item description
84041874	3406.17.0027

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