DATA SHEET

Gas discharge tube 1200 V

9071.99.0053

Properties

- Designed for operations exceeding 25 years
- GDT specification according to international standard ITU-T K.12
- Two electrode gas discharge tube 8x8 mm with holder

Interface and material data	
Housing material / plating	Brass / SUCOPLATE (R) Plating

Electrical data	
CW power frame	≤ 3830 W
DC sparkover	1200 V, +/- 15 % (@ 100 V/s)
Impulse sparkover 1000 V/µs	2500 V
Insulation resistance	> 10 GΩ (@ 100 V)
Glow voltage	80 V (@ 10 mA)
Capacitance	< 2 pF (@ 1 MHz)
Impulse discharge current	≥ 1 operations (@ 30 kA, 8/20 µs)
	≥ 10 operations (@ 20 kA, 8/20 µs)

Mechanical data	
Weight	12 g

Environmental data	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Ingress protection (IP Rating)	Unmated / IP66, IP68, according to IEC 60529 (24 h of water, 1 m)
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

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Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22544818	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Compliant with exemption	CAS: 7439-92-1 Lead

Additional Information	
Remarks	Contact: Copper Beryllium Alloy / Brass Insulator: AL2O3 Gasket: NBR (Nitrile Butadiene Rubber)
	Test methods per ITU-T (CCITT) K.12, IEEE C62.31, RUS PE-80, Telcordia GR 1361
	Fits to H+S Lightning Protector series 3401, 3402 and 3408
	Excluding the 3000 series that have the below designations: 3402.xy.30zw
	For the moment 3000 series only with N and TNC interfaces -> xy=17 or 26
With capsule holder	Yes

Ordering Information Table	
Item number	Item description
22544818	9071.99.0053 (73_Z-0-0-53)

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