GDT Specification List:

1.Electrical Characteristics:

No.	Description	M/s. NENSHI	Remarks
1)	DC spark-over voltage at 100V/Sec.	600V±20%	
2)	Impulse spark-over voltage at 1KV/μ s	≤ 1200V	
3)	Insulation resistance at 250Vdc	≥ 10GΩ	
4)	Hold over voltage (current turn-off time) at 135V	< 150ms	
5)	Capacitance at 1 KHz	≤ 3pF	
6)	AC discharge current (50Hz, 1Sec, 10 applications)	10A	
7)	Impulse current life test:		
	a) 10/1000μ s,300 Applications	100A Peak	
	b) 8/20μ s,10 Applications	10KA peak	

2.Dimensions (Fig 1):

1)	Length of GDT including pin thickness	60+2mm	
2)	Diameter of GDT	φ 8+/-0.3mm	
3)	Length of the pins protruding over GDT	27+1mm	
4)	Pin Diameter	φ 0.8mm	

3.Environmental Characteristics:

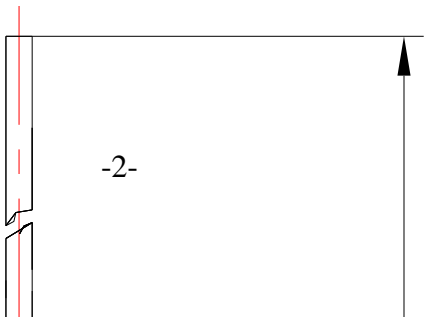
1)	Operation and storage temperature	-40…+90℃	ITU-T K.12
2)	Resistance to soldering heat	350±10℃,3.5±0.5Sec	IEC60068-2-20
3)	Solderability	235±5℃,2.0±0.5Sec	IEC60068-2-20
4)	Low temperature	-40℃,duration 2 hours	IEC60068-2-1
5)	Damp heat cyclic	25~40℃, 90~95%, 2 days	IEC60068-2-30
6)	Vibration	10-500Hz, 0.15mm displacement for 90 minutes	IEC60068-2-6
7)	Robustness of terminations		
	a) Lead wire pull strength	20N±10%, 10±1Sec	IEC60068-2-21
	b) Lead wire bending strength	10N±10%, 90°, 2 Cycles	IEC60068-2-21
8)	Free fall	1000mm, 2 times	IEC60068-2-32

4.Packing (with tape)

1)	Inside box		
	a) Volume	304×73×75mm	
	b) Quantity	200Pcs	
	c) Weight	~460g	
2)	Outside box		
	a) Volume	400×320×400mm	
	b) Quantity	5000Pcs	
	c) Weight	~13Kg	

5.Marking

1)	Colour	**Blue**	
2)	Marker	NENSHI 600 YY	600-Nominal voltage YY-Year of production



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