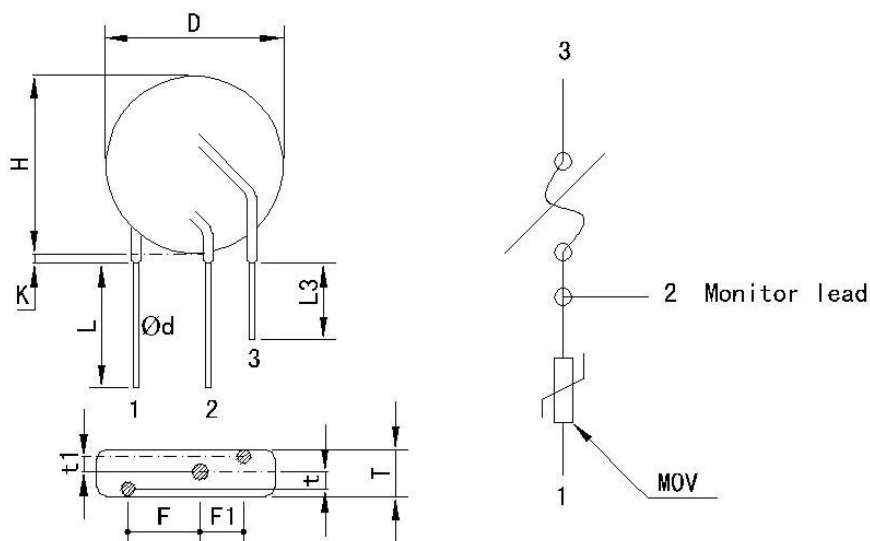


Structure:



Item	Unit:mm
D (Max.)	17
H (Max.)	20
T (Max.)	6.8
K (max.)	4.0
φd(±0.05)	0.8
F (±1.0)	7.5
F1(±1.0)	5.0
L (Min.)	20.0
L3(Min.)	15.0
t (±0.3)	1.6
t1(±0.3)	0.6

Electrical Specifications:

MAX ALLOWABLE VOLTAGE	AC:180(V)	At 1mA DC
	DC:225(V)	
VARISTOR VOLTAGE	256~310(V)	V0.1mA □ V1mA ■
RATED WATTAGE	1.0(W)	
MAX CLAMPING VOLTAGE	IP:50(A)	Test Current Waveform 8/20 μ s
	Vc:455(V)	
WITHSTANDING SURGE CURRENT	In: 3000(A)	Test Current Waveform 8/20 μ s
	I Max:5000(A)	
MAX ENERGY	99(J)	Test Current Waveform 10/1000 μ s
TYPICAL CAPACITANCE	740(pf)	@1KHz
LEAKAGE CURRENT	≅ 10(μA)	At 75% of Varistor Voltage
NONLINEAR EXPONENT (α)	≅ 21	$\alpha = \log \frac{I1}{I2} / \log \frac{V1}{V2}$
TEMPERATURE COEFFICENT OF VARISTOR VOLTAGE	$\leq \pm 0.05\%/^{\circ}\text{C}$ max	$\frac{V_{c85^{\circ}\text{C}} - V_{c25^{\circ}\text{C}}}{V_{c25^{\circ}\text{C}}} \times \frac{1}{60} \times 100(\% ^{\circ}\text{C})$
IMPULSE LIFE	$\leq \pm 10\%(V1mA)$	Test Current Waveform 8/20 μ s

Mechanical Characteristics:

Tensile of Terminations	No Outstanding Damage	1Kgf; 10Sec.
Bending of Terminations	No Outstanding Damage	0.5Kgf; 90°, 3 Times
Vibration	No Outstanding Damage	Freq:10-55hz; Amp:0.75mm,1Min.
Solderability	Min. 95% of The Terminal Should Be Covered With Solder Uniformly	Solder Temp:225±5℃ Immersed Time: 2±0.5Sec.
Resistance of soldering heat	V1mA/V1mA ≅±5%	Solder Temp: 260±5℃
		Immersed Time: 10±1Sec.

Environmental Characteristics:

High Temperature Storage	$\Delta V1mA/V1mA$ ≅±5%	Ambient Temp: 125±2℃ Duration:1000h		
Low Temperature Storage	$\Delta V1mA/V1mA$ ≅±5%	Ambient Temp: -40±2℃ Duration:1000h		
High Humidity Storage/Damp Heat	$\Delta V1mA/V1mA$ ≅±5%	Ambient Temp: 40±2℃ 90-95% R.H. Duration:1000h		
Temperature Cycle	$\Delta V1mA/V1mA$ ≅±5%	Step	Temperature	Period
		1	-40℃	30 min
		2	Room Temp	15 min
		3	85℃	30 min
		4	Room Temp	15 min
High Temperature Load	$\Delta V1mA/V1mA$ ≅±10%	Ambient temp:85±2℃ Duration:1000h Load: MAX. Allowable Voltage		
High Humidity Load	$\Delta V1mA/V1mA$ ≅±10%	Ambient Temp:40±2℃ 90-95% R.H. Duration:1000H Load: MAX. Allowable Voltage		
Operating Temperature Range	-40℃ ~ +85℃	-40℃ ~ +85℃		
Storage Temperature Range	-40℃ ~ +125℃	-40℃ ~ +125℃		

CONTACT INFORMATION

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