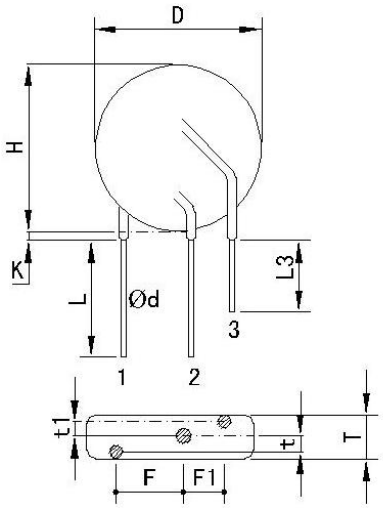
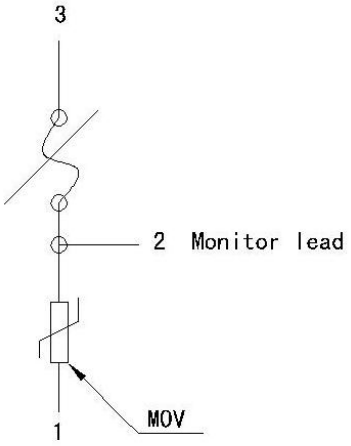
Structure:





Item	Unit:mm
D (Max.)	17
H (Max.)	20
T (Max.)	7.6
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)	3.54
t1(±0.3)	0.6

Electrical Specifications:

MAX ALLOWABLE VOLTAGE	AC:275(V) DC: 350(V)	At 1mA DC
VARISTOR VOLTAGE	387-473(V)	V0.1mA □ V1mA ■
RATED WATTAGE	1.40(W)	
MAX CLAMPING VOLTAGE	IP:50(A) Vc:710(V)	Test Current Waveform 8/20 μ s
WITHSTANDING SURGE CURRENT	In:3000(A) I Max:6000(A)	Test Current Waveform 8/20 μ s
MAX ENERGY	155(J)	Test Current Waveform 10/1000 μ s
TYPICAL CAPACITANCE	460(pf)	@1KHz
LEAKAGE CURRENT	≦ 20(μ A)	At 80% of Varistor Voltage
NONLINEAR EXPONENT (α)	≧ 21	$\alpha = \log \frac{I1}{I2} / \log \frac{V1}{V2}$
TEMPERATURE COEFFICENT OF VARISTOR VOLTAGE	-0.05 % /℃ max	$\frac{Vc85℃-Vc25℃}{Vcat25℃} \times \frac{1}{60} \times 100(\%℃)$
IMPULSE LIFE	≦±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	△V1mA/V1mA ≦±5%	Ambient Temp: 125±2℃ Duration:1000h
Low Temperature Storage	△V1mA/V1mA ≦±5%	Ambient Temp: -40±2℃ Duration:1000h
High Humidity Storage/Damp Heat	△V1mA/V1mA ≦±5%	Ambient Temp: 40±2℃ 90-95% R.H. Duration:1000h
Temperature Cycle	△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	△V1mA/V1mA ≦±10%	Ambient temp:85±2℃ Duration:1000h Load: MAx. Allowable Voltage
High Humidity Load	△V1mA/V1mA ≦±10%	Ambient Temp:40±2℃ 90-95% R.H. Duration:1000H Load: MAX. AllowableVoltage
Operating Temperature Range	-40℃ ~ +85℃	-40℃ ~ +85℃
Storage Temperature Range	-40℃ ~ +125℃	-40℃ ~ +85℃

CONTACT INFORMATION

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