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REVISIONS

REV	DESCRIPTION	DATE	APPROVED
1	RELEASED PER E060743	05/19/06	REJH SH
2	REVISED PER E101188	09/24/10	KUK AR

ABSOLUTE MAXIMUM RATINGS:

Operating Ambient Temperature range (T_A)..... -55 to +85° C
 Storage Temperature Range (T_{STG})..... -55 to +125° C
 Temperature Coefficient (αV) of Clamping Voltage (VC) at Specified Test Current..... <0.01%/ °C
 Hi-Pot Encapsulation (Isolation Voltage Capability)..... 2500V
 (Dielectric must withstand indicated DC voltage for one minute per MIL-STD-202 Method 301)
 Insulation Resistance..... 1000M Ω

MAXIMUM RATING @ $T_a = 85^\circ C$

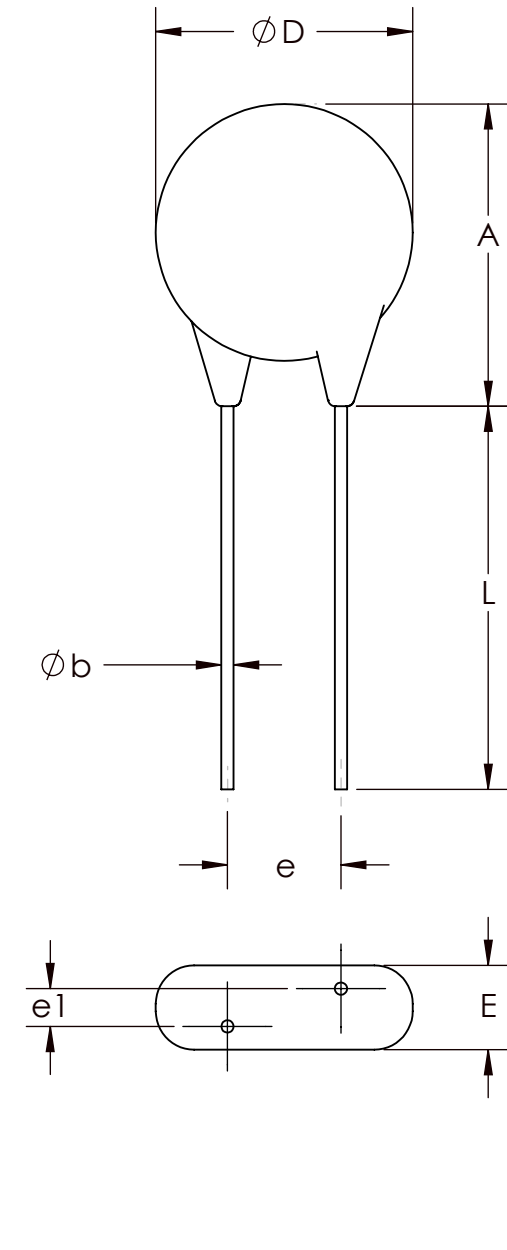
Parameter	Symbol	Test Condition	Units
Continuous AC Voltage	$V_{M(AC)RMS}$		275 V
Continuous DC Voltage	$V_{M(DC)}$		369 V
Transient Single Pulse Energy	W_{TM}	10 x 1000 μs current wave (1)	75 J
Transient Peak Pulse Current	I_{TM}	8 x 20 μs current wave	4500 A

(1) Average power dissipation of transients not to exceed 0.4W

ELECTRICAL SPECIFICATIONS @ $T_a = 25^\circ C$

Parameter	Symbol	Test Condition	Units		
			Min	Typ	Max
Max. Varistor Voltage	V_{NOM}	1mA DC			473 V
Clamping Voltage	V_C	8 x 20 μs current wave			710 V
Peak Current at V_C	I_{PK}				50 A
Capacitance	C	$f = 1MHz$		450	pF

DIMENSIONS	MILLIMETER (INCHES)	
	MIN	MAX
A	----	20 (.787)
Dia. D	----	17 (.669)
e	6.5 (.256)	8.5 (.335)
e_1	1.5 (.059)	3.5 (.138)
E	----	5.6 (.220)
Dia. b	.76 (.030)	.86 (.034)
L	25.4 (1.00)	----



NOTES:
1. RoHS COMPLIANT, LEAD FREE PER CST-0001 LATEST REVISION.

DRAWN	DATE	VICOR		SWD	
P.E.IENI	05/18/05	VARISTOR RADIAL LEAD MOV, LINE-VOLTAGE			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE INCH [MM] TOLERANCES ARE: DECIMALS ANGLES X.XX [X.X] = ±0.01 [0.25] ±1° X.XXX [X.XX] = ±0.005 [0.127]				SIZE	CAGE CODE
MATERIAL		B	67131	30076	2
FINISH		THIRD ANGLE PROJECTION		SCALE 1: 1	SHEET 1 OF 1

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