

REV.	DESCRIPTION	DATE	APPROVED
1	RELEASED PER E060743 REJH	05/19/06	SH

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 (V _C) at Specified Test Current.....	<0.01	%/°C
Hi-Pot Encapsulation (Isolation Voltage Capability).....	2500	V
(Dielectric must withstand indicated DC voltage for one minute per MIL-STD-202 Method 301)		
Insulation Resistance.....	1000	MΩ

MAXIMUM RATING @ T_a = 85 °C

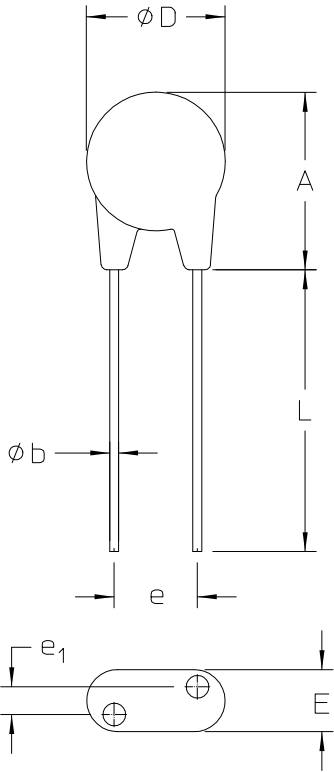
Parameter	Symbol	Test Condition		Units
Continuous AC Voltage	V _{MACRMS}		275	V
Continuous DC Voltage	V _{MDC}		369	V
Transient Single Pulse Energy	W _{TM}	10 x 1000 μs current wave (1)	75	J
Transient Peak Pulse Current	I _{TM}	8 x 20 μs current wave	4500	A

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

ELECTRICAL SPECIFICATIONS @ T_a = 25 °C

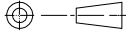
Parameter	Symbol	Test Condition	Min	Typ	Max	Units
Max. Varistor Voltage	V _{NOM}	1mA DC			473	V
Clamping Voltage	V _C	8 x 20 μs current wave			710	V
Peak Current at V _C	I _{PK}				50	A
Capacitance	C	f = 1MHz		450		pF

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. FOR MATERIAL SPECIFICATIONS AND RESTRICTION ON HAZARDOUS SUBSTANCE (RoHS) REQUIREMENTS, CONFORMANCE TO CST-0001, LATEST REVISION.

DRAWN BY P.E.IENI	DATE 05/18/05		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM/[IN]-TOLERANCES ARE: DECIMALS ANGLES .XX= ± 0.254 [.01] ± 1° .XXX= ± 0.127 [.005]		VARISTOR, RADIAL LEAD MOV, LINE-VOLTAGE	
THIRD ANGLE PROJECTION 	SIZE B	FSCM NO. 67131	DWG NO 30076
DO NOT SCALE DRAWING	SCALE 2X	REV 1	
		SHEET 1 OF 1	