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REVISIONS				
REV	DESCRIPTION		DATE	APPROVED
1	RELEASED PER E064407	GCK	07/20/06	SH
2	REVISED PER E060922	REJH	08/07/06	SH
3	REVISED PER E101188	KUK	09/24/10	AR

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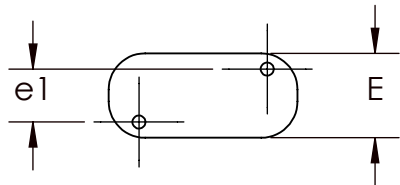
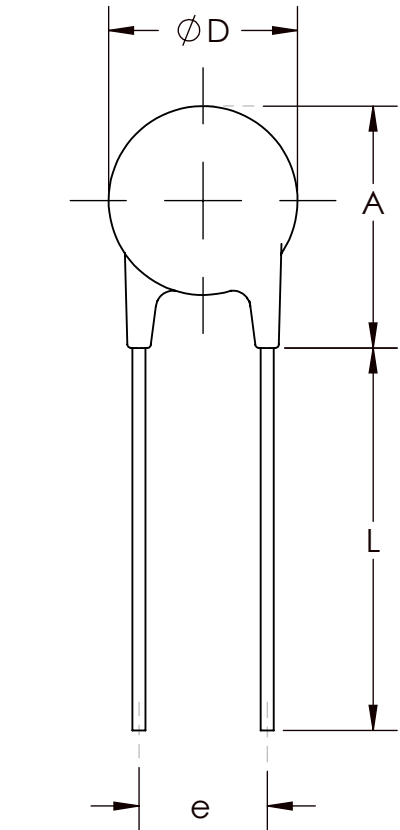
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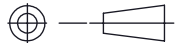


DIMENSIONS (MAX) MM / (INCHES)							
DASH NO.	A	ϕ D	e	e1	E	ϕ b	L (MIN.)
-056	16 (.630)	12.5 (.492)	8.5 (.334)	3 (.118)	5 (.197)	0.86 (.034)	25.4 (1.00)
-068	16 (.630)	12.5 (.492)	8.5 (.334)	3.5 (.138)	5.6 (.220)	0.86 (.034)	25.4 (1.00)
-120	16 (.630)	12.5 (.492)	8.5 (.334)	3 (.118)	5 (.197)	0.86 (.034)	25.4 (1.00)
-200	14.5 (.571)	11.5 (.453)	7.5`1.0 (.334`.039)	1.9`1.0 (.075`.039)	4.8 (.189)	0.8 (.031)	20 (.787)
-220	14.5 (.571)	11.5 (.453)	7.5`1.0 (.334`.039)	2.0`1.0 (.079`.039)	4.9 (.193)	0.8 (.031)	20 (.787)
-275	14.5 (.571)	11.5 (.453)	7.5`1.0 (.334`.039)	3.1`1.0 (.122`.039)	6 (.236)	0.8 (.031)	20 (.787)



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

	DRAWN	DATE			SWD	
	P.E.IENI	07/28/05	VARISTOR MOV 50V 10MM LEADED			
MATERIAL	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]					
FINISH	THIRD ANGLE PROJECTION		SIZE	CAGE CODE	DWG NO	REV
			B	67131	30234-XXX	3
	DO NOT SCALE DRAWING		SCALE 2: 1			SHEET 1 OF 2

	8	7	6	5	4	3	2	1																																																		
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						REV	DESCRIPTION	DATE	APPROVED																																																	
							SEE SHEET 1 FOR REVISIONS																																																			
E	ABSOLUTE MAXIMUM RATINGS: Operating Ambient Temperature range (T)..... -55 to + 85°C/-40 TO +85°C (30234-200,-220,-275) Storage Temperature Range (T)..... -55 to + 125°C/-40 TO +125°C (30234-200,-220,-275) Temperature Coefficient (xV) of Clamping Voltage (VC) 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																																																									
D																																																										
C																																																										
B						MAXIMUM RATING @ Ta = 85° C <table><tr><th>Parameter</th><th>Symbol</th><th>Test Condition</th><th>-056</th><th>-068</th><th>-120</th><th>-200</th><th>-220</th><th>-275</th><th>Units</th></tr><tr><td>Continuous AC Voltage</td><td>V_{M(AC)RMS}</td><td></td><td>35</td><td>40</td><td>75</td><td>130</td><td>140</td><td>275</td><td>V</td></tr><tr><td>Continuous DC Voltage</td><td>V_{M(DC)}</td><td></td><td>45</td><td>56</td><td>102</td><td>170</td><td>180</td><td>350</td><td>V</td></tr><tr><td>Transient Single Pulse Energy</td><td>W_{TM}</td><td>10 x 1000 μs current wave (1)</td><td>5.5</td><td>6.5</td><td>12</td><td>35</td><td>39</td><td>80</td><td>J</td></tr><tr><td>Transient Peak Pulse Current</td><td>I_{TM}</td><td>8 x 20μ s current wave</td><td>500</td><td>500</td><td>2500</td><td>2500</td><td>2500</td><td>2500</td><td>A</td></tr></table> (I) Average power dissipation of transients not to exceed 0.4W					Parameter	Symbol	Test Condition	-056	-068	-120	-200	-220	-275	Units	Continuous AC Voltage	V _{M(AC)RMS}		35	40	75	130	140	275	V	Continuous DC Voltage	V _{M(DC)}		45	56	102	170	180	350	V	Transient Single Pulse Energy	W _{TM}	10 x 1000 μs current wave (1)	5.5	6.5	12	35	39	80	J	Transient Peak Pulse Current	I _{TM}	8 x 20μ s current wave	500	500	2500	2500	2500
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ELECTRICAL SPECIFICATIONS @ Ta = 25 ⁰ C					OPTIONS																																																					
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Varistor Voltage		V _{NOM}	ImA DC	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Units																																				
Clamping Voltage		V _C	8 x 20 μs current wave			110			135			200			340			360			710	V																																				
Peak Current at V _C		I _{PK}				5			5			25			25			25			25	A																																				
Capacitance		C	f = 1MHz		1800			1500			750			430			410			270	pF																																					
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