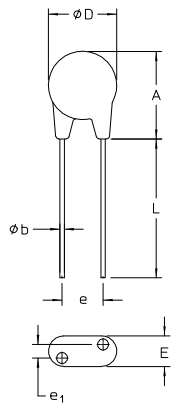


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REV.	DESCRIPTION	DATE	APPROVED
1	RELEASED PER E064407	GCK 07/20/06	SH
2	REVISED PER ECO Request E060922	REJH 08/07/06	SH



DASH NO.	DIMENSIONS (MAX) MM / (INCHES)							
	A	phi D	e	e1	E	phi 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. FOR MATERIAL SPECIFICATIONS AND RESTRICTION ON HAZARDOUS SUBSTANCE (RoHS) REQUIREMENTS, CONFORMANCE TO CST-0001, LATEST REVISION.

DRAWN BY <b>P.R.IENI</b>	DATE <b>07/28/06</b>	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE: DECIMALS ANGLES XXX ± .025 (100) ± .1°		
<b>VARISTOR MOV 50V 10MM LEADED</b>		
THIRD ANGLE PROJECTION	SIZE <b>B</b>	FSCM NO. <b>67131</b>
DO NOT SCALE DRAWING	SCALE <b>2X</b>	DWG NO. <b>30234-XXX</b>
		REV <b>2</b>
		SHEET <b>1</b> OF <b>2</b>

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REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET 1 FOR REVISIONS		

**ABSOLUTE MAXIMUM RATINGS:**  
 Operating Ambient Temperature range (T<sub>a</sub>)..... -55 to +85°C/-40 TO +85°C (30234-200,-220,-275)  
 Storage Temperature Range (T<sub>STG</sub>)..... -55 to +125°C/-40 TO +125°C (30234-200,-220,-275)  
 Temperature Coefficient (αV) of Clamping Voltage (V<sub>C</sub>) 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

Parameter	Symbol	Test Condition	OPTIONS						Units
			-056	-068	-120	-200	-220	-275	
Continuous AC Voltage	V <sub>MACRMS</sub>		35	40	75	130	140	275	V
Continuous DC Voltage	V <sub>DC</sub>		45	56	102	170	180	350	V
Transient Single Pulse Energy	W <sub>TR</sub>	10 x 1000 us current wave (1)	5.5	6.5	12	35	39	80	J
Transient Peak Pulse Current	I <sub>TR</sub>	8 x 20 us current wave	500	500	2500	2500	2500	2500	A

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

Parameter	Symbol	Test Condition	OPTIONS																		
			30234-056			30234-068			30234-120			30234-200			30234-220			30234-275			
Varistor Voltage	V <sub>NOM</sub>	ImA DC	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Units
Clamping Voltage	V <sub>C</sub>	8 x 20 us current wave	50	62	61	75	108	132	185	225	198	242	387	473							V
Peak Current at V <sub>C</sub>	I <sub>PK</sub>			110		135		200		340		360		710							V
Capacitance	C	f = 1MHz	1800		1500		750		430		25		25		25		25		25		pF

DRAWN BY <b>P.R.IENI</b>	DATE <b>07/28/06</b>	
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THIRD ANGLE PROJECTION	SIZE <b>B</b>	FSCM NO. <b>67131</b>
DO NOT SCALE DRAWING	SCALE <b>2X</b>	DWG NO. <b>30234-XXX</b>
		REV <b>2</b>
		SHEET <b>2</b> OF <b>2</b>