



Date: 07/20/2010

HC SERIES

MAIDA STYLE NUMBER R62ZOV511HC

MAIDA ITEM NUMBER 01-2001

VARISTOR SPEC SHEET

Electrical Specifications

Continuous AC Voltage	510 VAC
Continuous DC Voltage	675 VDC
Maximum DC Leakage @ 675 VDC	200 μ A
Low Varistor Voltage Limit	722 VDC
High Varistor Voltage Limit	881 VDC
Nominal Varistor Voltage	801 VDC
Current for Varistor Voltage	1 mA
Maximum Clamp Voltage	1350 V
Maximum Clamp Voltage Test Current	30 A
Peak Current Rating (1 Pulse)	6500 A
Peak Current Rating (2 Pulse)	5000 A
Energy Rating (8X20us)	172 J
Energy Rating (10X1000us)	172 J
Typical Capacitance	200 pF
Impulse Response Time	< 50 ns
Minimum Hipot of Coating	2500 VDC
Minimum I.R. of Coating	1000 M Ω
Current/Energy Derating Above 85 $^{\circ}$ C	-2.5 %/ $^{\circ}$ C

Thermal Specifications

Minimum Operating Temperature	-40 $^{\circ}$ C
Maximum Operating Temperature	85 $^{\circ}$ C
Varistor Voltage Temperature Coeff	-0.05 %/ $^{\circ}$ C
Minimum Storage Temperature	-50 $^{\circ}$ C
Maximum Storage Temperature	125 $^{\circ}$ C
Recommended Solder Temperature	260 $^{\circ}$ C
Recommended Reflow Temperature	260 $^{\circ}$ C

Notes

Physical Specifications

Lead Style	082J1
X Nominal	0.3 in.
X Tolerance	0.04 in.
Y Nominal	0.28 in.
Y Tolerance	0.03 in.
Z Nominal	0.41 in.
Z Tolerance	0.04 in.
Lead Length Nominal	1.0 in.
Lead Length Tolerance	min. in.
d Nominal	0.032 in.
Wire Gauge	20 AWG
Minimum Marking	R62-HZ511
Nominal Disk Size	11 mm
D Maximum	0.533 in.
T Maximum	0.447 in.
H Maximum	0.658 in.
Coating Type	EPOXY



* Contact Maida for a more detailed configuration drawing.

Safety Agency Recognitions

UL 1449 File Number	E321173
- Tested to Type:	2
C-UL File Number	E321173
CSA File Number	
VDE File Number	
SEV File Number	



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