



Date: 10/15/2009

MAIDA STYLE NUMBER D69ZOV251RA72

MAIDA ITEM NUMBER 01-0042

CUSTOMER FUTURE

CUSTOMER P/N N/A

CONTACT PATRICIA RAMSAY

VARISTOR SPEC SHEET

Electrical Specifications

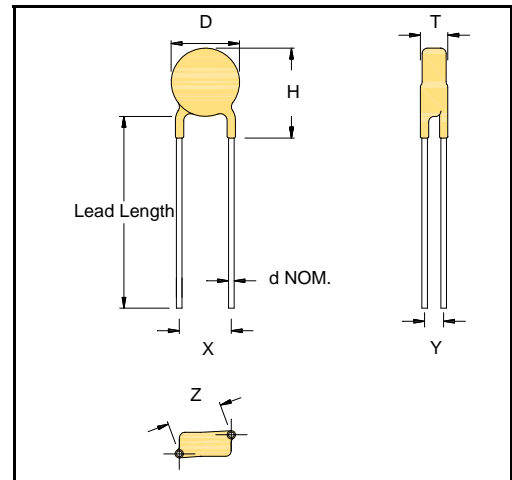
Continuous AC Voltage	250 VAC
Continuous DC Voltage	330 VDC
Maximum DC Leakage @ 330 VDC	200 uA
Low Varistor Voltage Limit	354 VDC
High Varistor Voltage Limit	432 VDC
Nominal Varistor Voltage	393 VDC
Current for Varistor Voltage	1 mA
Maximum Clamp Voltage	650 V
Maximum Clamp Voltage Test Current	50 A
Peak Current Rating (1 Pulse)	6000 A
Peak Current Rating (2 Pulse)	4500 A
Energy Rating (8X20us)	145 J
Energy Rating (10X1000us)	145 J
Typical Capacitance	570 pF
Impulse Response Time	< 50 ns
Minimum Hipot of Coating	2500 VDC
Minimum I.R. of Coating	1000 MΩ

Physical Specifications

Lead Style	110B1
X Nominal	0.3 in.
X Tolerance	0.04 in.
Lead Length Nominal	1.00 in.
Lead Length Tolerance	min. in.
Y Nominal	0.1 in.
Y Tolerance	0.03 in.
d Nominal	0.032 in.
Wire Gauge	20 AWG
Minimum Marking	Z251-72UL
Nominal Disk Size	14 mm
D Maximum	0.65 in.
T Maximum	0.249 in.
H Maximum	0.775 in.

Thermal Specifications

Minimum Operating Temperature	-40 °C
Maximum Operating Temperature	85 °C
Varistor Voltage Temperature Coeff	-0.05 %/°C
Minimum Storage Temperature	-50 °C
Maximum Storage Temperature	125 °C
Current/Energy Derating Above 85°C	-2.5 %/°C



* Contact Maida for a more detailed configuration drawing.

Notes

Lead Free - Complies with RoHS

Safety Agency Recognitions

UL 1449 File Number	E86730
UL 1414 File Number	E38785
CSA File Number	LR33468
VDE File Number	40017480
SEV File Number	96.7 70250.01



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