



Date: 10/24/2008

MAIDA STYLE NUMBER D65ZOV271RA140

MAIDA ITEM NUMBER 01-0208

VARISTOR SPEC SHEET

Electrical Specifications

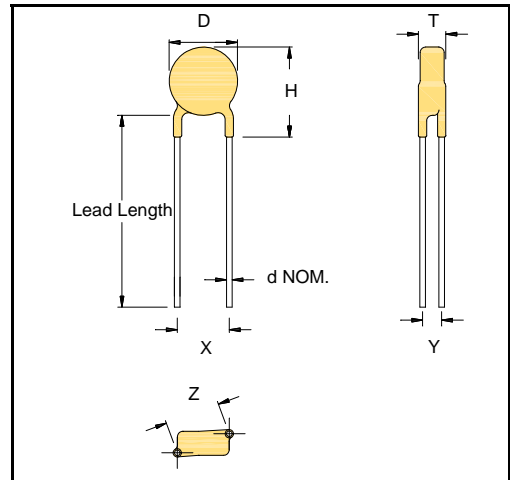
Continuous AC Voltage	270 VAC
Continuous DC Voltage	360 VDC
Maximum DC Leakage @ 360 VDC	200 uA
Low Varistor Voltage Limit	382 VDC
High Varistor Voltage Limit	466 VDC
Nominal Varistor Voltage	424 VDC
Current for Varistor Voltage	1 mA
Maximum Clamp Voltage	710 V
Maximum Clamp Voltage Test Current	100 A
Peak Current Rating (1 Pulse)	10000 A
Peak Current Rating (2 Pulse)	6500 A
Energy Rating (8X20us)	325 J
Energy Rating (10X1000us)	325 J
Typical Capacitance	1140 pF
Impulse Response Time	< 50 ns
Minimum Hipot of Coating	2500 VDC
Minimum I.R. of Coating	1000 MΩ

Physical Specifications

Lead Style	082J1D
X Nominal	0.3 in.
X Tolerance	0.04 in.
Lead Length Nominal	1.00 in.
Lead Length Tolerance	min. in.
Y Nominal	0.138 in.
Y Tolerance	0.03 in.
d Nominal	0.032 in.
Wire Gauge	20 AWG
Minimum Marking	Z271-140UL
Nominal Disk Size	20 mm
D Maximum	0.905 in.
T Maximum	0.257 in.
H Maximum	1.03 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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