



Date: 10/23/2008

MAIDA STYLE NUMBER D73ZOV140RA01

MAIDA ITEM NUMBER 01-1236

VARISTOR SPEC SHEET

Electrical Specifications

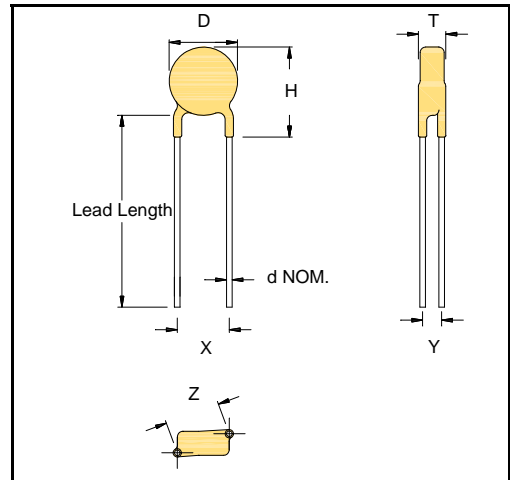
Continuous AC Voltage	14	VAC
Continuous DC Voltage	18	VDC
Maximum DC Leakage @ 18 VDC	200	uA
Low Varistor Voltage Limit	20	VDC
High Varistor Voltage Limit	24	VDC
Nominal Varistor Voltage	22	VDC
Current for Varistor Voltage	1	mA
Maximum Clamp Voltage	43	V
Maximum Clamp Voltage Test Current	2.5	A
Peak Current Rating (1 Pulse)	500	A
Peak Current Rating (2 Pulse)	250	A
Energy Rating (8X20us)	1.3	J
Energy Rating (10X1000us)	1.3	J
Typical Capacitance	2800	pF
Impulse Response Time	< 50	ns
Minimum Hipot of Coating	2500	VDC
Minimum I.R. of Coating	1000	MΩ

Physical Specifications

Lead Style	005N
X Nominal	0.2 in.
X Tolerance	0.04 in.
Lead Length Nominal	1.00 in.
Lead Length Tolerance	min. in.
Y Nominal	0.088 in.
Y Tolerance	0.03 in.
d Nominal	0.025 in.
Wire Gauge	22 AWG
Minimum Marking	Z140-01UL
Nominal Disk Size	7 mm
D Maximum	0.354 in.
T Maximum	0.165 in.
H Maximum	0.479 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	
CSA File Number	
VDE File Number	
SEV File Number	



DEVELOPMENT COMPANY

P.O. Box 3529

Hampton, Virginia 23663

(757) 723-0785 Fax (757) 722-1194