



VARISTOR SPEC SHEET

STANDARD SERIES

Date: 05/11/2009

VARISTOR SPECIFICATION SHEET

MAIDA STYLE NUMBER D6149ZOV251RA40T1W MAIDA ITEM NUMBER 01-2557

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	25	A
Peak Current Rating (1 Pulse)	3500	A
Peak Current Rating (2 Pulse)	2500	A
Energy Rating (8X20us)	70	J
Energy Rating (10X1000us)	70	J
Typical Capacitance	270	pF
Impulse Response Time	< 50	ns
Minimum Hipot of Coating	2500	VDC
Minimum I.R. of Coating	1000	MΩ

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

Notes

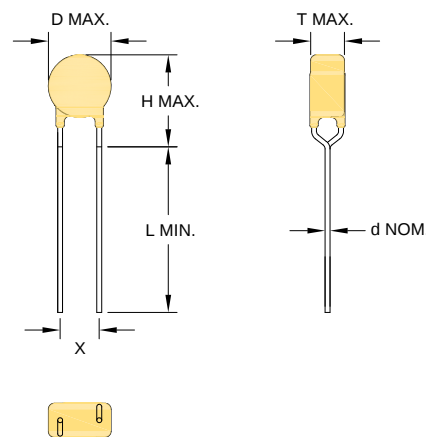
Lead Free - Complies with RoHS



DEVELOPMENT COMPANY
P.O. Box 3529
Hampton, Virginia 23663
(757) 723-0785 Fax (757) 722-1194

Physical Specifications

Lead Style	133BC
X Nominal	0.2 in.
X Tolerance	0.03 in.
Lead Length Nominal	AMMO in.
Lead Length Tolerance	PACK in.
Y Nominal	in.
Y Tolerance	in.
d Nominal	0.025 in.
Wire Gauge	22 AWG
Minimum Marking	Z251-40UL
Nominal Disk Size	10 mm
D Maximum	0.472 in.
T Maximum	0.249 in.
H Maximum	0.672 in.



* Contact Maida for a more detailed configuration drawing.

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