



VARISTOR SPEC SHEET

STANDARD SERIES

VARISTOR SPECIFICATION SHEET

Date: 02/28/2008

MAIDA STYLE NUMBER D6593ZOV131RA20

MAIDA ITEM NUMBER 01-0649

CUSTOMER FUTURE

CUSTOMER P/N N/A

CONTACT FRAN LEISHMAN

Electrical Specifications

Continuous AC Voltage	130	VAC
Continuous DC Voltage	175	VDC
Maximum DC Leakage @ 175 VDC	200	uA
Low Varistor Voltage Limit	184	VDC
High Varistor Voltage Limit	224	VDC
Nominal Varistor Voltage	204	VDC
Current for Varistor Voltage	1	mA
Maximum Clamp Voltage	340	V
Maximum Clamp Voltage Test Current	100	A
Peak Current Rating (1 Pulse)	12000	A
Peak Current Rating (2 Pulse)	9000	A
Energy Rating (8X20us)	150	J
Energy Rating (10X1000us)	150	J
Typical Capacitance	2350	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

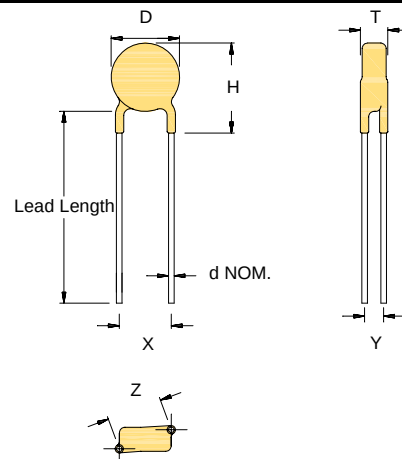
P.O. Box 3529

Hampton, Virginia 23663

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

Physical Specifications

Lead Style	005R4
X Nominal	0.394 in.
X Tolerance	0.04 in.
Lead Length Nominal	1.00 in.
Lead Length Tolerance	min. in.
Y Nominal	0.076 in.
Y Tolerance	0.03 in.
d Nominal	0.04 in.
Wire Gauge	18 AWG
Minimum Marking	Z131-20UL
Nominal Disk Size	20 mm
D Maximum	0.905 in.
T Maximum	0.204 in.
H Maximum	1.03 in.



* Contact Maida for a more detailed configuration drawing.

Safety Agency Recognitions

UL 1449 File Number	E86730
UL 1414 File Number	E38785
UL 497B File Number	E180012
CSA File Number	LR33468
VDE File Number	40017480
SEV File Number	96.7 70250.01