



VARISTOR SPEC SHEET

STANDARD SERIES

Date: 07/11/2008

VARISTOR SPECIFICATION SHEET

MAIDA STYLE NUMBER D6599ZOV391RA150

MAIDA ITEM NUMBER 01-0962

Electrical Specifications

Continuous AC Voltage	390 VAC
Continuous DC Voltage	505 VDC
Maximum DC Leakage @ 505 VDC	200 uA
Low Varistor Voltage Limit	552 VDC
High Varistor Voltage Limit	674 VDC
Nominal Varistor Voltage	612 VDC
Current for Varistor Voltage	1 mA
Maximum Clamp Voltage	1025 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)	420 J
Energy Rating (10X1000us)	420 J
Typical Capacitance	780 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

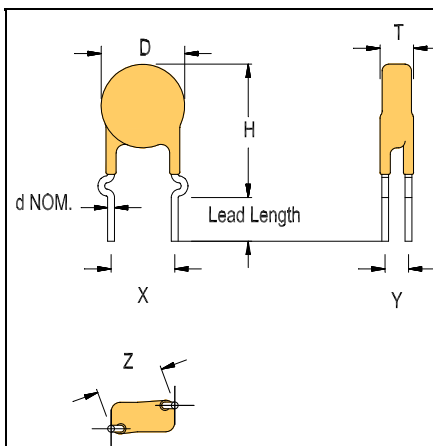
P.O. Box 3529

Hampton, Virginia 23663

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

Physical Specifications

Lead Style	076X
X Nominal	0.394 in.
X Tolerance	0.04 in.
Lead Length Nominal	.120 in.
Lead Length Tolerance	± .020 in.
Y Nominal	0.148 in.
Y Tolerance	0.03 in.
d Nominal	0.04 in.
Wire Gauge	18 AWG
Minimum Marking	Z391-150UL
Nominal Disk Size	20 mm
D Maximum	0.905 in.
T Maximum	0.291 in.
H Maximum	1.105 in.



* Contact Maida for a more detailed configuration drawing.

Safety Agency Recognitions

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