



Date: 06/17/2008

MAIDA STYLE NUMBER D6593ZOV621RA230

MAIDA ITEM NUMBER 01-0773

**VARISTOR SPEC SHEET****Electrical Specifications**

Continuous AC Voltage	620	VAC
Continuous DC Voltage	800	VDC
Maximum DC Leakage @ 800 VDC	200	uA
Low Varistor Voltage Limit	877	VDC
High Varistor Voltage Limit	1071	VDC
Nominal Varistor Voltage	974	VDC
Current for Varistor Voltage	1	mA
Maximum Clamp Voltage	1650	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)	565	J
Energy Rating (10X1000us)	565	J
Typical Capacitance	490	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**

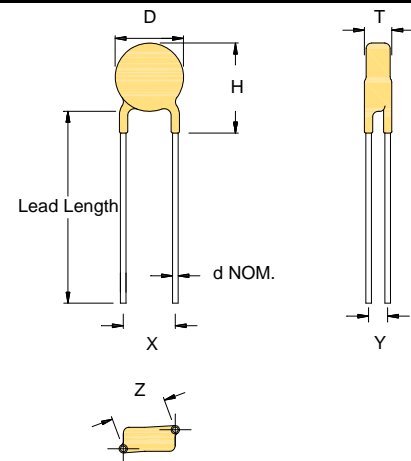
P.O. Box 3529

Hampton, Virginia 23663

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

**Physical Specifications**

Lead Style	082L4
X Nominal	0.394 in.
X Tolerance	0.04 in.
Lead Length Nominal	1.00 in.
Lead Length Tolerance	min. in.
Y Nominal	0.244 in.
Y Tolerance	0.03 in.
d Nominal	0.04 in.
Wire Gauge	18 AWG
Minimum Marking	Z621-230UL
Nominal Disk Size	20 mm
D Maximum	0.905 in.
T Maximum	0.388 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
CSA File Number	LR33468
VDE File Number	40017480
SEV File Number	96.7 70250.01