



Date: 10/23/2008

MAIDA STYLE NUMBER D61ZOV321RA45

MAIDA ITEM NUMBER 01-0568

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

Continuous AC Voltage	320	VAC
Continuous DC Voltage	420	VDC
Maximum DC Leakage @ 420 VDC	200	uA
Low Varistor Voltage Limit	453	VDC
High Varistor Voltage Limit	553	VDC
Nominal Varistor Voltage	503	VDC
Current for Varistor Voltage	1	mA
Maximum Clamp Voltage	850	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)	92	J
Energy Rating (10X1000us)	92	J
Typical Capacitance	200	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**

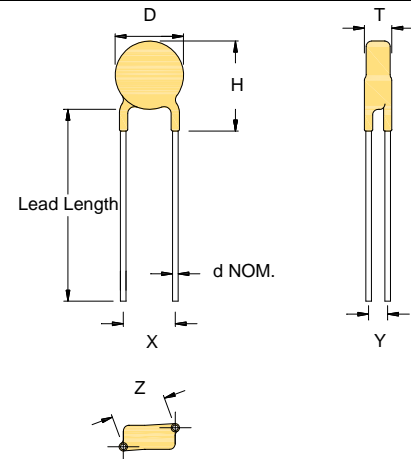
P.O. Box 3529

Hampton, Virginia 23663

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

**Physical Specifications**

Lead Style	082J1
X Nominal	0.3 in.
X Tolerance	0.04 in.
Lead Length Nominal	1.00 in.
Lead Length Tolerance	min. in.
Y Nominal	0.146 in.
Y Tolerance	0.03 in.
d Nominal	0.032 in.
Wire Gauge	20 AWG
Minimum Marking	Z321-45UL
Nominal Disk Size	10 mm
D Maximum	0.472 in.
T Maximum	0.276 in.
H Maximum	0.597 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