



Date: 10/30/2008

MAIDA STYLE NUMBER D6121ZOV181RA04T19

MAIDA ITEM NUMBER 01-2241

VARISTOR SPEC SHEET

Electrical Specifications

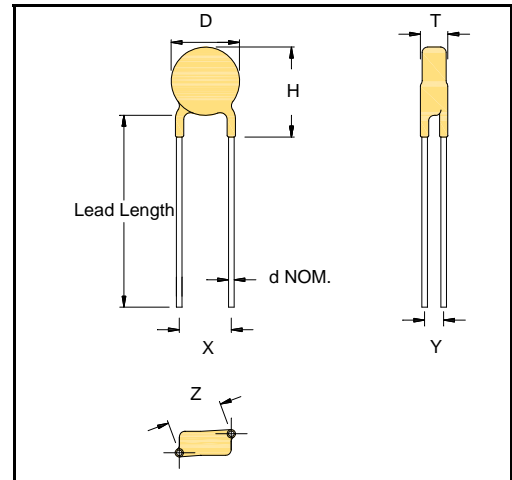
Continuous AC Voltage	180	VAC
Continuous DC Voltage	230	VDC
Maximum DC Leakage @ 230 VDC	200	uA
Low Varistor Voltage Limit	255	VDC
High Varistor Voltage Limit	311	VDC
Nominal Varistor Voltage	283	VDC
Current for Varistor Voltage	1	mA
Maximum Clamp Voltage	465	V
Maximum Clamp Voltage Test Current	25	A
Peak Current Rating (1 Pulse)	3500	A
Peak Current Rating (2 Pulse)	2500	A
Energy Rating (8X20us)	60	J
Energy Rating (10X1000us)	60	J
Typical Capacitance	310	pF
Impulse Response Time	< 50	ns
Minimum Hipot of Coating	2500	VDC
Minimum I.R. of Coating	1000	MΩ

Physical Specifications

Lead Style	110B1N
X Nominal	0.3 in.
X Tolerance	0.03 in.
Lead Length Nominal	TAPE in.
Lead Length Tolerance	& REEL in.
Y Nominal	0.078 in.
Y Tolerance	0.03 in.
d Nominal	0.032 in.
Wire Gauge	20 AWG
Minimum Marking	Z181-04UL
Nominal Disk Size	10 mm
D Maximum	0.472 in.
T Maximum	0.223 in.
H Maximum	0.597 in.

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



* Contact Maida for a more detailed configuration drawing.

Notes

Lead Free - Complies with RoHS

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



DEVELOPMENT COMPANY

P.O. Box 3529

Hampton, Virginia 23663

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