

VARISTOR SPECIFICATION SHEET

Date: 11/13/2008

MAIDA STYLE NUMBER D69ZOV581RA120

MAIDA ITEM NUMBER 01-0348

VARISTOR SPEC SHEET

Electrical Specifications

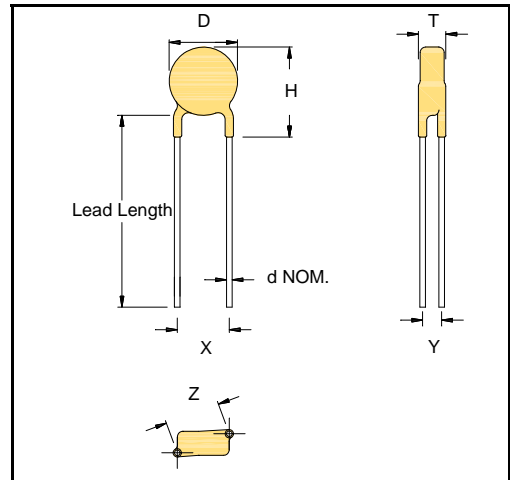
Continuous AC Voltage	580 VAC
Continuous DC Voltage	735 VDC
Maximum DC Leakage @ 735 VDC	200 uA
Low Varistor Voltage Limit	821 VDC
High Varistor Voltage Limit	1002 VDC
Nominal Varistor Voltage	912 VDC
Current for Varistor Voltage	1 mA
Maximum Clamp Voltage	1500 V
Maximum Clamp Voltage Test Current	50 A
Peak Current Rating (1 Pulse)	6000 A
Peak Current Rating (2 Pulse)	4500 A
Energy Rating (8X20us)	265 J
Energy Rating (10X1000us)	265 J
Typical Capacitance	240 pF
Impulse Response Time	< 50 ns
Minimum Hipot of Coating	2500 VDC
Minimum I.R. of Coating	1000 MΩ

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	0.222 in.
Y Tolerance	0.03 in.
d Nominal	0.032 in.
Wire Gauge	20 AWG
Minimum Marking	Z581-120UL
Nominal Disk Size	14 mm
D Maximum	0.65 in.
T Maximum	0.373 in.
H Maximum	0.775 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

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