



Date: 06/06/2008

MAIDA STYLE NUMBER D61A3ZOV609RA02T1N MAIDA ITEM NUMBER 01-0496

VARISTOR SPEC SHEET**Electrical Specifications**

Continuous AC Voltage	6 VAC
Continuous DC Voltage	8 VDC
Maximum DC Leakage @ 8 VDC	200 uA
Low Varistor Voltage Limit	9 VDC
High Varistor Voltage Limit	16 VDC
Nominal Varistor Voltage	12 VDC
Current for Varistor Voltage	1 mA
Maximum Clamp Voltage	30 V
Maximum Clamp Voltage Test Current	5 A
Peak Current Rating (1 Pulse)	250 A
Peak Current Rating (2 Pulse)	125 A
Energy Rating (8X20us)	1.2 J
Energy Rating (10X1000us)	1.2 J
Typical Capacitance	6000 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**

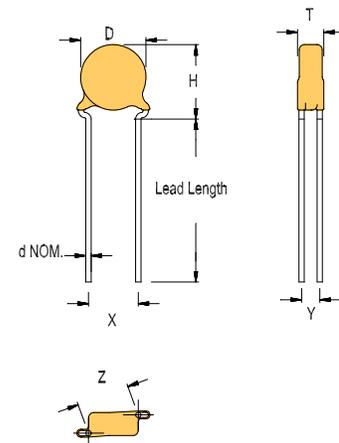
P.O. Box 3529

Hampton, Virginia 23663

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Physical Specifications

Lead Style	076AB
X Nominal	0.3 in.
X Tolerance	0.03 in.
Lead Length Nominal	TAPE in.
Lead Length Tolerance	& REEL in.
Y Nominal	0 in.
Y Tolerance	0.03 in.
d Nominal	0.032 in.
Wire Gauge	20 AWG
Minimum Marking	Z609-02UL
Nominal Disk Size	10 mm
D Maximum	0.472 in.
T Maximum	0.197 in.
H Maximum	0.597 in.



* Contact Maida for a more detailed configuration drawing.

Safety Agency Recognitions

UL 1449 File Number
 UL 1414 File Number
 CSA File Number
 VDE File Number
 SEV File Number