



STANDARD SERIES

MAIDA STYLE NUMBER D56ZOV250RA0R18

MAIDA ITEM NUMBER 01-1197

VARISTOR SPEC SHEET

Electrical Specifications

Continuous AC Voltage	25 VAC
Continuous DC Voltage	31 VDC
Maximum DC Leakage @ 31 VDC	200 uA
Low Varistor Voltage Limit	35 VDC
High Varistor Voltage Limit	43 VDC
Nominal Varistor Voltage	39 VDC
Current for Varistor Voltage	1 mA
Maximum Clamp Voltage	86 V
Maximum Clamp Voltage Test Current	1 A
Peak Current Rating (1 Pulse)	50 A
Peak Current Rating (2 Pulse)	25 A
Energy Rating (8X20us)	0.18 J
Energy Rating (10X1000us)	0.18 J
Typical Capacitance	475 pF
Impulse Response Time	< 50 ns
Minimum Hipot of Coating	2500 VDC
Minimum I.R. of Coating	1000 MΩ
Current/Energy Derating Above 85°C	-2.5 %/°C

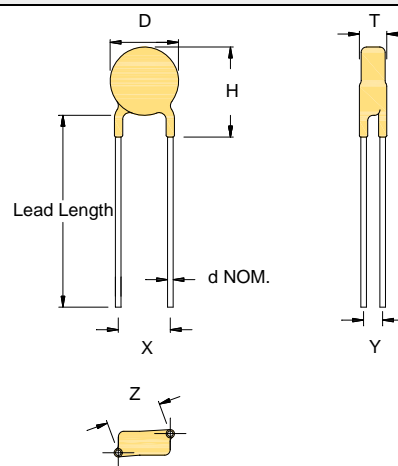
Thermal Specifications

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
Recommended Solder Temperature	260 °C
Recommended Reflow Temperature	260 °C

Notes

Physical Specifications

Lead Style	005M2
X Nominal	0.16 in.
X Tolerance	0.04 in.
Y Nominal	0.054 in.
Y Tolerance	0.03 in.
Z Nominal	0.169 in.
Z Tolerance	0.04 in.
Lead Length Nominal	1.00 in.
Lead Length Tolerance	min. in.
d Nominal	0.02 in.
Wire Gauge	24 AWG
Minimum Marking	Z25
Nominal Disk Size	3 mm
D Maximum	0.197 in.
T Maximum	0.182 in.
H Maximum	0.322 in.
Coating Type	EPOXY



* Contact Maida for a more detailed configuration drawing.

Safety Agency Recognitions

UL 1449 File Number
 - Tested to Type:
 C-UL File Number
 CSA File Number
 VDE File Number
 SEV File Number



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