STANDARD SERIES

MAIDA STYLE NUMBER D56ZOV391RA2R9 **MAIDA ITEM NUMBER** 01-1216

VARISTOR SPEC SHEET

Electrical Specifications

Continuous AC Voltage	390	VAC
Continuous DC Voltage	500	VDC
Maximum DC Leakage @ 500 VDC	200	uA
Low Varistor Voltage Limit	552	VDC
High Varistor Voltage Limit	674	VDC
Nominal Varistor Voltage	612	VDC
Current for Varistor Voltage	1	mA
Maximum Clamp Voltage	1090	V
Maximum Clamp Voltage Test Current	2	A
Peak Current Rating (1 Pulse)	100	A
Peak Current Rating (2 Pulse)	50	A
Energy Rating (8X20us)	2.9	J
Energy Rating (10X1000us)	2.9	J
Typical Capacitance	16	pF
Impulse Response Time	< 50	ns
Minimum Hipot of Coating	2500	VDC
Minimum I.R. of Coating	1000	MΩ
Current/Energy Derating Above 85℃	-2.5	%/℃

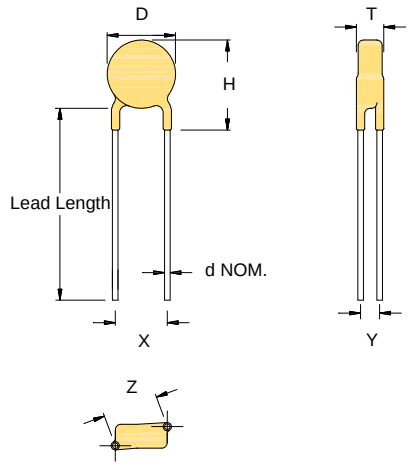
Thermal Specifications

Minimum Operating Temperature	-40	℃
Maximum Operating Temperature	85	℃
Varistor Voltage Temperature Coeff	-0.05	%/℃
Minimum Storage Temperature	-50	℃
Maximum Storage Temperature	125	℃
Recommended Solder Temperature	260	℃
Recommended Reflow Temperature	260	℃

Notes

Physical Specifications

Lead Style	005M2	
X Nominal	0.16	in.
X Tolerance	0.04	in.
Y Nominal	0.111	in.
Y Tolerance	0.03	in.
Z Nominal	0.195	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	Z391	
Nominal Disk Size	3	mm
D Maximum	0.197	in.
T Maximum	0.275	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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