LOW PROFILE SERIES

VARISTOR SPEC SHEET

MAIDA STYLE NUMBER R69ZOV551RA255 **MAIDA ITEM NUMBER** 01-1321

Electrical Specifications

Continuous AC Voltage	550	VAC
Continuous DC Voltage	700	VDC
Maximum DC Leakage @ 700 VDC	200	uA
Low Varistor Voltage Limit	778	VDC
High Varistor Voltage Limit	950	VDC
Nominal Varistor Voltage	864	VDC
Current for Varistor Voltage	1	mA
Maximum Clamp Voltage	1400	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)	255	J
Energy Rating (10X1000us)	255	J
Typical Capacitance	180	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	%/℃

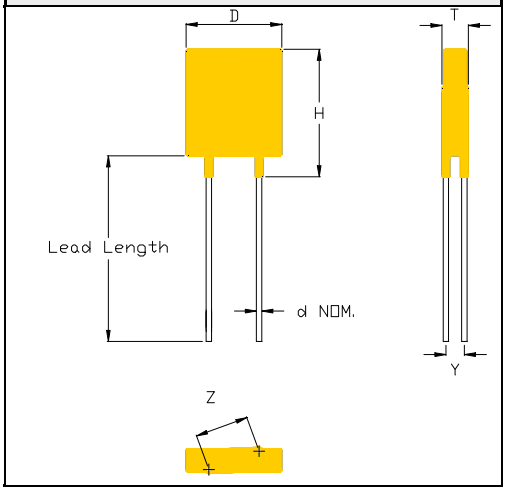
Thermal Specifications

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	082J1	
X Nominal	0.3	in.
X Tolerance	0.04	in.
Y Nominal	0.214	in.
Y Tolerance	0.03	in.
Z Nominal	0.368	in.
Z Tolerance	0.04	in.
Lead Length Nominal	1.00	in.
Lead Length Tolerance	min.	in.
d Nominal	0.032	in.
Wire Gauge	20	AWG
Minimum Marking	R69-551UL	
Nominal Disk Size	12	mm
D Maximum	0.566	in.
T Maximum	0.373	in.
H Maximum	0.691	in.
Coating Type	EPOXY	



* Contact Maida for a more detailed configuration drawing.

Safety Agency Recognitions

UL 1449 File Number	E321173
- Tested to Type:	2
CSA File Number	LR33468
VDE File Number	
SEV File Number	

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