



LOW PROFILE SERIES

MAIDA STYLE NUMBER R65ZOV511RA470

MAIDA ITEM NUMBER 01-1341

VARISTOR SPEC SHEET

Electrical Specifications

Continuous AC Voltage	510 VAC
Continuous DC Voltage	675 VDC
Maximum DC Leakage @ 675 VDC	200 μ A
Low Varistor Voltage Limit	722 VDC
High Varistor Voltage Limit	881 VDC
Nominal Varistor Voltage	802 VDC
Current for Varistor Voltage	1 mA
Maximum Clamp Voltage	1280 V
Maximum Clamp Voltage Test Current	100 A
Peak Current Rating (1 Pulse)	10000 A
Peak Current Rating (2 Pulse)	7000 A
Energy Rating (8X20us)	470 J
Energy Rating (10X1000us)	470 J
Typical Capacitance	440 pF
Impulse Response Time	< 50 ns
Minimum Hipot of Coating	2500 VDC
Minimum I.R. of Coating	1000 M Ω
Current/Energy Derating Above 85 $^{\circ}$ C	-2.5 %/ $^{\circ}$ C

Thermal Specifications

Minimum Operating Temperature	-40 $^{\circ}$ C
Maximum Operating Temperature	85 $^{\circ}$ C
Varistor Voltage Temperature Coeff	-0.05 %/ $^{\circ}$ C
Minimum Storage Temperature	-50 $^{\circ}$ C
Maximum Storage Temperature	125 $^{\circ}$ C
Recommended Solder Temperature	260 $^{\circ}$ C
Recommended Reflow Temperature	260 $^{\circ}$ C

Notes

Physical Specifications

Lead Style	082J1
X Nominal	0.3 in.
X Tolerance	0.04 in.
Y Nominal	0.203 in.
Y Tolerance	0.03 in.
Z Nominal	0.362 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	R65-511UL
Nominal Disk Size	17 mm
D Maximum	0.763 in.
T Maximum	0.36 in.
H Maximum	0.888 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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