



STANDARD SERIES

MAIDA STYLE NUMBER D68ZOV231RA20

MAIDA ITEM NUMBER 01-1248

VARISTOR SPEC SHEET

Electrical Specifications

Continuous AC Voltage	230	VAC
Continuous DC Voltage	300	VDC
Maximum DC Leakage @ 300 VDC	200	uA
Low Varistor Voltage Limit	326	VDC
High Varistor Voltage Limit	397	VDC
Nominal Varistor Voltage	362	VDC
Current for Varistor Voltage	1	mA
Maximum Clamp Voltage	595	V
Maximum Clamp Voltage Test Current	15	A
Peak Current Rating (1 Pulse)	2400	A
Peak Current Rating (2 Pulse)	1700	A
Energy Rating (8X20us)	42	J
Energy Rating (10X1000us)	42	J
Typical Capacitance	160	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	005N
X Nominal	0.2 in.
X Tolerance	0.04 in.
Y Nominal	0.082 in.
Y Tolerance	0.03 in.
Z Nominal	0.216 in.
Z Tolerance	0.04 in.
Lead Length Nominal	1.00 in.
Lead Length Tolerance	min. in.
d Nominal	0.025 in.
Wire Gauge	22 AWG
Minimum Marking	Z231-20
Nominal Disk Size	8 mm
D Maximum	0.394 in.
T Maximum	0.242 in.
H Maximum	0.519 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 LR33468
 VDE File Number
 SEV File Number



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