



STANDARD SERIES

MAIDA STYLE NUMBER D58ZOV950RA01

MAIDA ITEM NUMBER 01-1225

VARISTOR SPEC SHEET

Electrical Specifications

Continuous AC Voltage	95 VAC
Continuous DC Voltage	127 VDC
Maximum DC Leakage @ 127 VDC	200 μ A
Low Varistor Voltage Limit	135 VDC
High Varistor Voltage Limit	165 VDC
Nominal Varistor Voltage	150 VDC
Current for Varistor Voltage	1 mA
Maximum Clamp Voltage	240 V
Maximum Clamp Voltage Test Current	5 A
Peak Current Rating (1 Pulse)	800 A
Peak Current Rating (2 Pulse)	600 A
Energy Rating (8X20us)	6.6 J
Energy Rating (10X1000us)	6.6 J
Typical Capacitance	200 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	005N
X Nominal	0.2 in.
X Tolerance	0.04 in.
Y Nominal	0.063 in.
Y Tolerance	0.03 in.
Z Nominal	0.21 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	Z950-01UL
Nominal Disk Size	5 mm
D Maximum	0.298 in.
T Maximum	0.191 in.
H Maximum	0.423 in.
Coating Type	EPOXY



* Contact Maida for a more detailed configuration drawing.

Safety Agency Recognitions

UL 1449 File Number	E321173
- Tested to Type:	4
C-UL File Number	
CSA File Number	
VDE File Number	
SEV File Number	



MAIDA DEVELOPMENT COMPANY
P.O. Box 3529
Hampton, Virginia 23663
Ph: (757) 723-0785 Fax (757) 722-1194

www.maida.com