



STANDARD SERIES

MAIDA STYLE NUMBER D6521ZOV350RA35

MAIDA ITEM NUMBER 01-1559

VARISTOR SPEC SHEET

Electrical Specifications

Continuous AC Voltage	35 VAC
Continuous DC Voltage	45 VDC
Maximum DC Leakage @ 45 VDC	200 μ A
Low Varistor Voltage Limit	50 VDC
High Varistor Voltage Limit	62 VDC
Nominal Varistor Voltage	56 VDC
Current for Varistor Voltage	1 mA
Maximum Clamp Voltage	110 V
Maximum Clamp Voltage Test Current	20 A
Peak Current Rating (1 Pulse)	3000 A
Peak Current Rating (2 Pulse)	2000 A
Energy Rating (8X20us)	41 J
Energy Rating (10X1000us)	41 J
Typical Capacitance	19480 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	110B1C
X Nominal	0.3 in.
X Tolerance	0.04 in.
Y Nominal	0.088 in.
Y Tolerance	0.03 in.
Z Nominal	0.313 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	Z350-35UL
Nominal Disk Size	20 mm
D Maximum	0.905 in.
T Maximum	0.199 in.
H Maximum	1.03 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	



www.maida.com

MAIDA DEVELOPMENT COMPANY

P.O. Box 3529

Hampton, Virginia 23663

Ph: (757) 723-0785 Fax (757) 722-1194