



Date: 09/11/2013

STANDARD SERIES

MAIDA STYLE NUMBER D6923ZOV181RA09T14

MAIDA ITEM NUMBER 01-3229

Electrical Specifications

Continuous AC Voltage	180	VAC
Continuous DC Voltage	230	VDC
Maximum DC Leakage @ 230 VDC	200	uA
Low Varistor Voltage Limit	255	VDC
High Varistor Voltage Limit	311	VDC
Nominal Varistor Voltage	283	VDC
Current for Varistor Voltage	1	mA
Maximum Clamp Voltage	465	V
Maximum Clamp Voltage Test Current	50	A
Peak Current Rating (1 Pulse)	6000	A
Peak Current Rating (2 Pulse)	5000	A
Energy Rating (8X20us)	100	J
Energy Rating (10X1000us)	100	J
Typical Capacitance	790	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

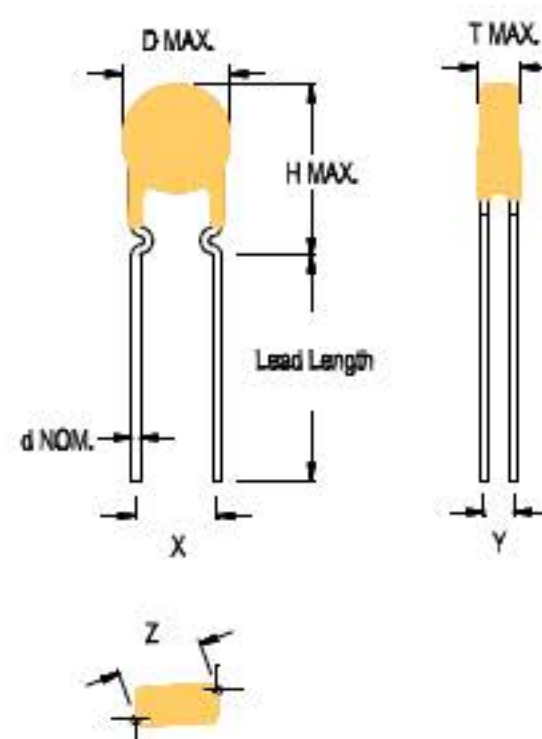
Thermal Specifications

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	046D
X Nominal	0.2 in.
X Tolerance	0.030 in.
Y Nominal	0.064 in.
Y Tolerance	0.03 in.
Z Nominal	0.21 in.
Z Tolerance	0.03 in.
Lead Length Nominal	TAPE in.
Lead Length Tolerance	& REEL in.
d Nominal	0.025 in.
Wire Gauge	22 AWG
Minimum Marking	Z181-09UL
Nominal Disk Size	14 mm
D Maximum	0.65 in.
T Maximum	0.223 in.
H Maximum	0.85 in.
Coating Type	EPOXY



* Contact Maida for a more detailed configuration drawing.

Safety Agency Recognitions

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



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VARISTOR SPEC SHEET