



Date: 06/18/2012

HIGH ENERGY SERIES

MAIDA STYLE NUMBER D7580ZOV142RA1600

MAIDA ITEM NUMBER 01-0404

CUSTOMER FUTURE

CUSTOMER P/N N/A

CONTACT PATRICIA RAMSAY

VARISTOR SPEC SHEET

Electrical Specifications

Continuous AC Voltage	1400	VAC
Continuous DC Voltage	1600	VDC
Maximum DC Leakage @ 1600 VDC	200	uA
Low Varistor Voltage Limit	1980	VDC
High Varistor Voltage Limit	2420	VDC
Nominal Varistor Voltage	2200	VDC
Current for Varistor Voltage	1	mA
Maximum Clamp Voltage	3350	V
Maximum Clamp Voltage Test Current	300	A
Peak Current Rating (1 Pulse)	40000	A
Peak Current Rating (2 Pulse)	32000	A
Energy Rating (8X20us)	1600	J
Energy Rating (10X1000us)	1600	J
Typical Capacitance	510	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

Physical Specifications

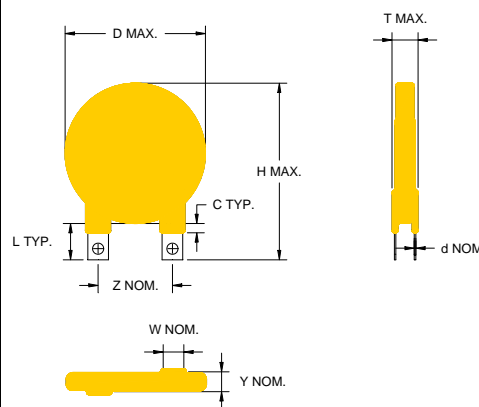
Lead Style	165
X Nominal	1 in.
X Tolerance	0.02 in.
Y Nominal	0.466 in.
Y Tolerance	0.04 in.
Z Nominal	in.
Z Tolerance	in.
Lead Length Nominal	in.
Lead Length Tolerance	min. in.
d Nominal	0.02 in.
Wire Gauge	24 AWG
Minimum Marking	Z142-1600
Nominal Disk Size	40 mm
D Maximum	1.89 in.
T Maximum	0.59 in.
H Maximum	2.37 in.
Coating Type	EPOXY

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

Halogen Free / Lead Free - Complies with RoHS



* Contact Maida for a more detailed configuration drawing.

Safety Agency Recognitions

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



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