

D6921ZOV181RA09

Maida Development

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Company Address

Arrow Electronics, Inc
9201 East Dry Creek Road
Centennial, CO 80112

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VARISTOR SPEC SHEET

STANDARD SERIES

VARISTOR SPECIFICATION SHEET

Date: 10/27/2008

MAIDA STYLE NUMBER D6921ZOV181RA09

MAIDA ITEM NUMBER 01-0158

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	940	pF
Impulse Response Time	< 50	ns
Minimum Hipot of Coating	2500	VDC
Minimum I.R. of Coating	1000	MΩ

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
Current/Energy Derating Above 85°C	-2.5	%/°C

Notes

Lead Free - Complies with RoHS



DEVELOPMENT COMPANY

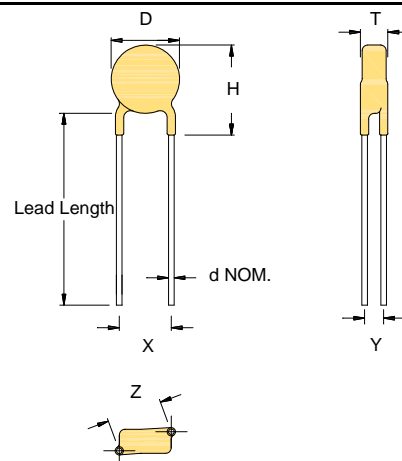
P.O. Box 3529

Hampton, Virginia 23663

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

Physical Specifications

Lead Style	110B1
X Nominal	0.3 in.
X Tolerance	0.03 in.
Lead Length Nominal	1.00 in.
Lead Length Tolerance	min. in.
Y Nominal	0.081 in.
Y Tolerance	0.03 in.
d Nominal	0.032 in.
Wire Gauge	20 AWG
Minimum Marking	Z181-09UL
Nominal Disk Size	14 mm
D Maximum	0.65 in.
T Maximum	0.223 in.
H Maximum	0.775 in.



* Contact Maida for a more detailed configuration drawing.

Safety Agency Recognitions

UL 1449 File Number	E86730
UL 1414 File Number	E38785
CSA File Number	LR33468
VDE File Number	40017480
SEV File Number	96.7 70250.01