



Date: 06/09/2009

MAIDA STYLE NUMBER 25FN181K

MAIDA ITEM NUMBER 01-2466

VARISTOR SPEC SHEET

Electrical Specifications

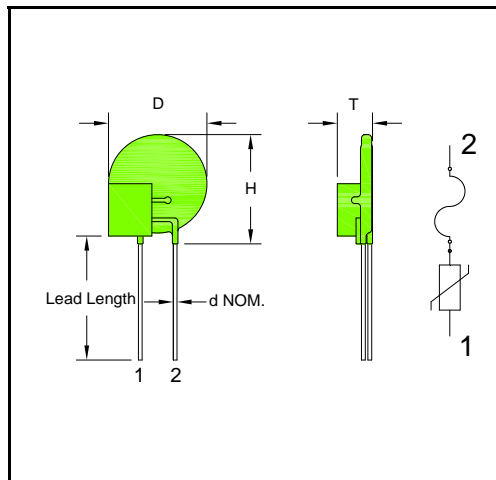
Continuous AC Voltage	115	VAC
Continuous DC Voltage	150	VDC
Maximum DC Leakage @ 0 VDC	200	uA
Low Varistor Voltage Limit	162	VDC
High Varistor Voltage Limit	198	VDC
Nominal Varistor Voltage	180	VDC
Current for Varistor Voltage	1	mA
Maximum Clamp Voltage	300	V
Maximum Clamp Voltage Test Current	150	A
Peak Current Rating (1 Pulse)	18000	A
Peak Current Rating (2 Pulse)	12000	A
Energy Rating (8X20us)	175	J
Energy Rating (10X1000us)	175	J
Typical Capacitance	3500	pF
Impulse Response Time	< 50	ns
Minimum Hipot of Coating	2500	VDC
Minimum I.R. of Coating	1000	MΩ

Physical Specifications

Lead Style	
X Nominal	0.492 in.
X Tolerance	0.04 in.
Lead Length Nominal	1.00 in.
Lead Length Tolerance	min. in.
Y Nominal	0.15 in.
Y Tolerance	0.03 in.
d Nominal	0.04 in.
Wire Gauge	18 AWG
Minimum Marking	MDC-FV-25N181K
Nominal Disk Size	25 mm
D Maximum	1.142 in.
T Maximum	0.465 in.
H Maximum	1.26 in.

Thermal Specifications

Minimum Operating Temperature	-55	°C
Maximum Operating Temperature	85	°C
Varistor Voltage Temperature Coeff	-0.05	%/°C
Minimum Storage Temperature	-55	°C
Maximum Storage Temperature	125	°C
Current/Energy Derating Above 85°C	-2.5	%/°C



* Contact Maida for a more detailed configuration drawing.

Notes

Safety Agency Recognitions

UL 1449 File Number	E321173
UL 1414 File Number	
CSA File Number	
VDE File Number	
SEV File Number	



DEVELOPMENT COMPANY

P.O. Box 3529

Hampton, Virginia 23663

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