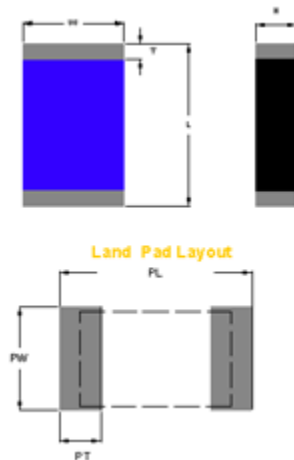




Part Number: 8S17SM500T6



Electrical Specifications:

Continuous AC Voltage	50 VAC
Continuous DC Voltage	66 VDC
Maximum DC Leakage @ Rated VDC	200 μ A
Low Varistor Voltage Limit	74 VDC
High Varistor Voltage Limit	91 VDC
Nominal Varistor Voltage	82 VDC
Current for Varistor Voltage	1 mA
Maximum Clamp Voltage	135 V
Maximum Clamp Voltage Test Current	10 A
Peak Current Rating (1 Pulse)	500 A
Peak Current Rating (2 Pulse)	0 A
Energy Rating (8 X 20 μ s)	0 J
Energy Rating (10 X 100 μ s)	4 J
Typical Capacitance	500 pF
Impulse Response Time	50 ns
Minimum Hipot of Coating	0 VDC
Minimum I.R. of Coating	0

Thermal Specifications:

Minimum Operating Temperature	-40 °C
Maximum Operating Temperature	85 °C
Varistor Voltage Temperature Coefficient	-0.05 °C
Minimum Storage Temperature	-50 °C
Maximum Storage Temperature	125 °C
Current/Energy Derating Above 85°C	-2.5 °C

Physical Specifications:

Length	0.32 in.
Length Tolerance	0.012 in.
Width	0.2 in.
Width Tolerance	0.012 in.
Max. Height	0.039 in.
Termination Spacing	0.03 in.
Termination Tolerance	0.02 in.
Pad Length	in.
Pad Width	in.
Pad Thickness	in.