Radial Lead Transient Voltage Suppressors (TVS)

Current Rating - 6KA

Reverse Voltage - 12V to 430V

Description

Electrical Characteristics (T_A =25°C unless otherwise noted)

Part Number	Reverse Stand-Off Voltage		Breakdown Voltage	Test Current	Current Rating	Maximum Clamping Voltage	Reverse Leakage
	VAC(V)	VDC(V)	V_{BR}(V) MIN.@I_T	I_T (mA)	I_{pp} 8/20μs (KA)	Vc(V) @I_{PP}	I_R(μA) @VDC

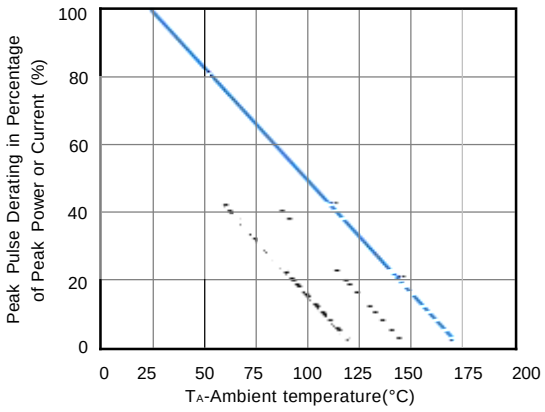
Ratings and Characteristic Curves (T_A=25°C unless otherwise noted) (Continued)

Physical Specifications

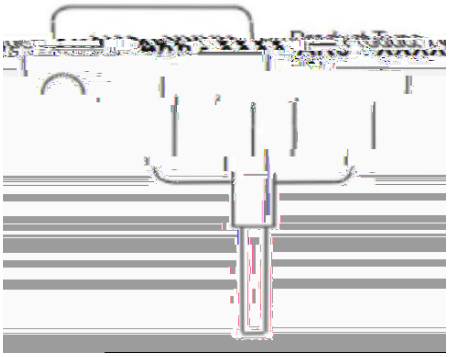
	Lead–free assembly
	150°C
	200°C
	60 -180 Seconds
	3°C/second max
	3°C/second max
	217°C
	60 -150 Seconds
	260 +0/-5°C
	20 -40 Seconds
	6 T

Ratings and Characteristic Curves (T_A=25°C unless otherwise noted)

Pulse Derating Curve



Marking Diagram



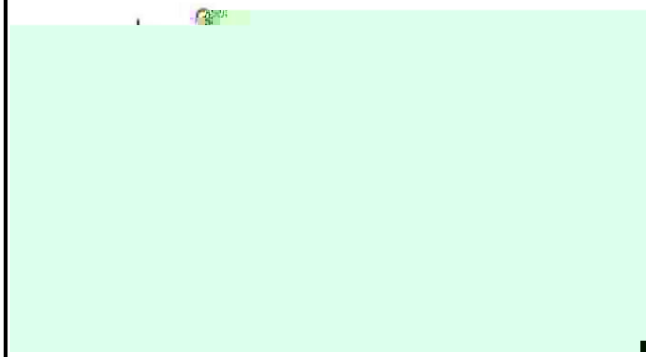


Ordering information

Package	Packing Description	Base Quantity
AK6		

Package Dimensions

AK6



Symbol		Millimeter	Inches

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