Radial Lead Transient Voltage Suppressors (TVS)

Current Rating - 3KA

Reverse Voltage - 12V to 430V

Description

Features

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

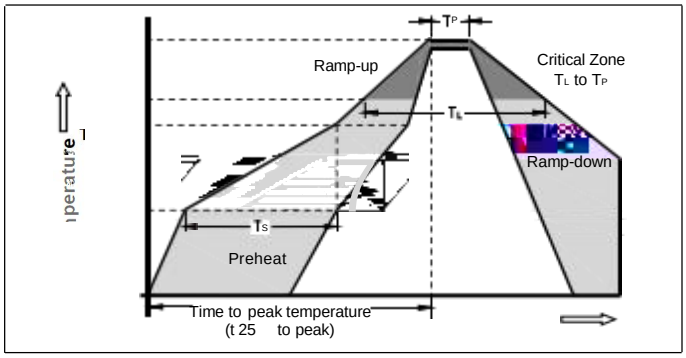
Part Number	Reverse Stand-Off Voltage		Breakdown Voltage	Test Current	Current Rating	Maximum Clamping Voltage	Reverse Leakage
	VAC(V)	VDC(V)	V_{BR}(V) MIN.@I_T	I_T (mA)	I_{pp} 8/20μs (KA)	Vc(V) @I_{PP}	I_R(μA) @VDC

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

Physical Specifications

	Contact manufacturer
	Epoxy encapsulated
	Silver plated leads, solderable per MIL-STD-750, Method 2026

Soldering Parameters



Lead–free assembly

150°C

L P

Flow/Wave Soldering (Solder Dipping)

	265°C
	10 seconds
	1 time

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

Pulse Derating Curve

Marking Diagram



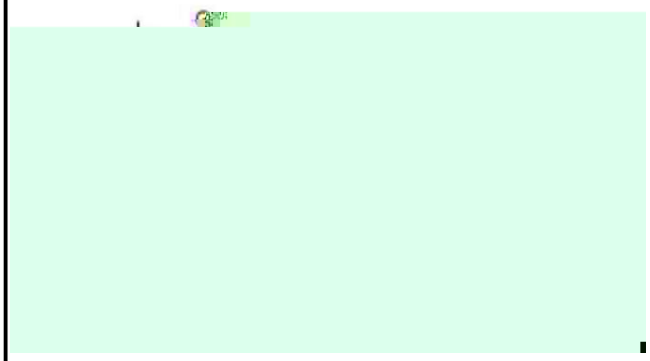


Ordering information

Package	Packing Description	Base Quantity
AK3		

Package Dimensions

AK3



Symbol		Millimeter	Inches

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