

Part: P2000AA61
 Series: Modified TO-220 SIDACtor® Device
 Technology: SIDACtor® Devices

PARAMETERS		
Package Type	Pkg Type	Radial Leaded
Mount Method	Mount	Through Hole
Package Size/Form Factor	size	Modified TO-220
Pins for Peak Off-state Voltage V_{DRM1}	Pins (V_{DRM1})	
Peak Off-state Voltage	V_{DRM1} (V)	180
Switching Voltage	$V_S @ V_{DRM1}$ (V)	220
Pins for Peak Off-state Voltage V_{DRM2}	Pins (V_{DRM2})	
Peak Off-state Voltage	V_{DRM2} (V)	
Switching Voltage	$V_S @ V_{DRM2}$ (V)	
On-state Voltage	V_T MAX (V)	4.0000
On-state forward Voltage	V_F (V)	
Leakage Current	I_{DRM}	5
Switching Current	I_S MAX (mA)	800
Holding Current	I_H MIN (mA)	150
Minimum Off-state Capacitance	C_O (pF) Min	25.0
Maximum Off-state Capacitance	C_O (pF) Max	35
Peak Pulse Current - 2x10 μ s	I_{PP} 2x10 μ s (A)	150
Peak Pulse Current - 8x20 μ s	I_{PP} 8x20 μ s (A)	150
Peak Pulse Current - 10x160 μ s	I_{PP} 10x160 μ s (A)	90
Peak Pulse Current - 10x560 μ s	I_{PP} 10x560 μ s (A)	50
Peak Pulse Current - 10x1000 μ s	I_{PP} 10x1000 μ s (A)	45
Peak Pulse Current - 5x310 μ s	I_{PP} 5x310 μ s (A)	0
Peak Pulse Current - 5x320 μ s	I_{PP} 5x320 μ s (A)	75
Peak Pulse Current - 10x700 μ s	I_{PP} 10x700 μ s (A)	0
Peak One-cycle Surge Current	I_{TSM} 60Hz (A)	20
Rate of Rise of Current	di/dt MAX (A/ μ s)	500



PROTECTS AGAINST:

Lightning Transients

Telecom - Tip and Ring