


Part: P0640EA
 Series: TO-92 SIDACtor® Device
 Technology: SIDACtor® Devices

PARAMETERS		
Package Type	Pkg Type	Radial Leaded
Mount Method	Mount	Through Hole
Package Size/Form Factor	size	TO-92
Pins for Peak Off-state Voltage V_{DRM-1}	$V_{DRM 1}$	
Peak Off-state Voltage	$V_{DRM 1}$ (V)	58
Switching Voltage	$V_S @ V_{DRM 1}$ (V)	77
Pins for Peak Off-state Voltage V_{DRM-2}	$V_{DRM 2}$	
Peak Off-state Voltage	$V_{DRM 2}$ (V)	
Switching Voltage	$V_S @ V_{DRM 2}$ (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	40.0
Maximum Off-state Capacitance	C_O (pF) Max	60
Peak Pulse Current - $2 \times 10 \mu s$	$I_{PP} 2 \times 10 \mu s$ (A)	150
Peak Pulse Current - $8 \times 20 \mu s$	$I_{PP} 8 \times 20 \mu s$ (A)	150
Peak Pulse Current - $10 \times 160 \mu s$	$I_{PP} 10 \times 160 \mu s$ (A)	90
Peak Pulse Current - $10 \times 560 \mu s$	$I_{PP} 10 \times 560 \mu s$ (A)	50
Peak Pulse Current - $10 \times 1000 \mu s$	$I_{PP} 10 \times 1000 \mu s$ (A)	45
Peak Pulse Current - $5 \times 310 \mu s$	$I_{PP} 5 \times 310 \mu s$ (A)	0
Peak Pulse Current - $5 \times 320 \mu s$	$I_{PP} 5 \times 320 \mu s$ (A)	0
Peak Pulse Current - $10 \times 700 \mu s$	$I_{PP} 10 \times 700 \mu s$ (A)	0
Peak One-cycle Surge Current	$I_{TSM} 60Hz$ (A)	20
Rate of Rise of Current	di/dt MAX (A/ μs)	500
Certifications	Cert	



PROTECTS AGAINST:

Lightning Transients

Telecom - Tip and Ring