

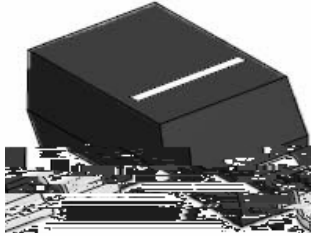
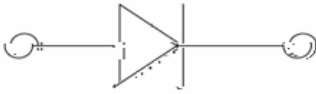
<][ \ GdYYX Gk]hW\]b[ 8]cXY

:Yah i fYg

Epoxy meets UL-94 V-0 flammability rating and halogen free  
Moisture Sensitivity Level 1

$V_{RRM}$  75V

$I_{FAV}$



5dd`]Wah]cbg

Extreme fast switches  
Automotive

AYW\ab]Wa` 8aha

7agY: SOD323

HYf a]ba`g: Tin plated leads, solderable per  
J-STD-002 and JESD22-B102

Dc`af]hm: Cathode line denotes the cathode end

Aaf\_]b[: T5

GC8'&'

Aal]a i a Fah]b]g ( $T_a=25$  Unless otherwise specified

D5F5A9H9F	GMA6C@	IB-H	7CB8-H-CBG	J5@I9
Repetitive Peak Reverse Voltage	$V_{RRM}$	V		75
Peak Forward Surge Current	$I_{FSM}$	A	Pulse width =1 $\mu$ s	2
Average Forward Current	$I_{FAV}$	mA		250
Power Dissipation	$P_{tot}$	mW		200
Thermal Resistance	$R_{thJA}$	K/W		625
Junction Temperature	$T_j$			-55 to +150
Storage Temperature Range	$T_{stg}$			-55 to +150



9`YWhf]Wa` 7 \afaWhYf]gh]Wg  $T_a=25$  Unless otherwise specified

D5F5A9H9F

GMA6C@



7 \afaWhYf]gh]Wg (Typical)

Fig.1:  $P_D-T_A$

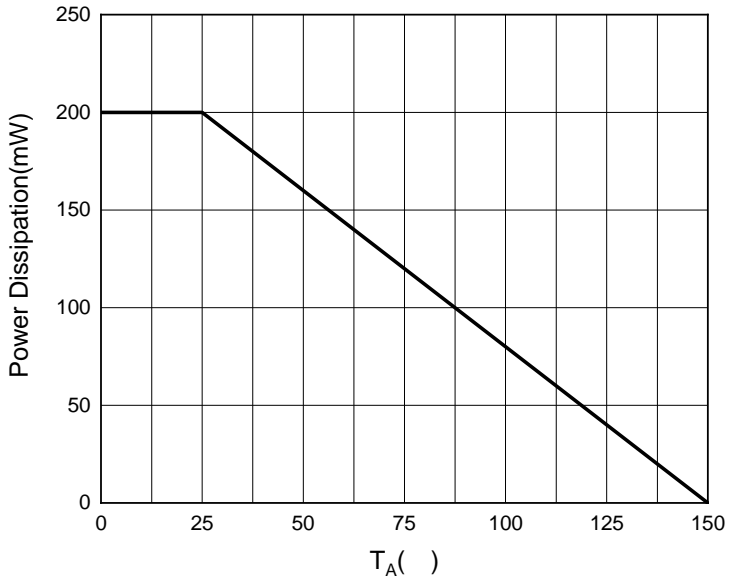


Fig.2: Capacitance Characteristics

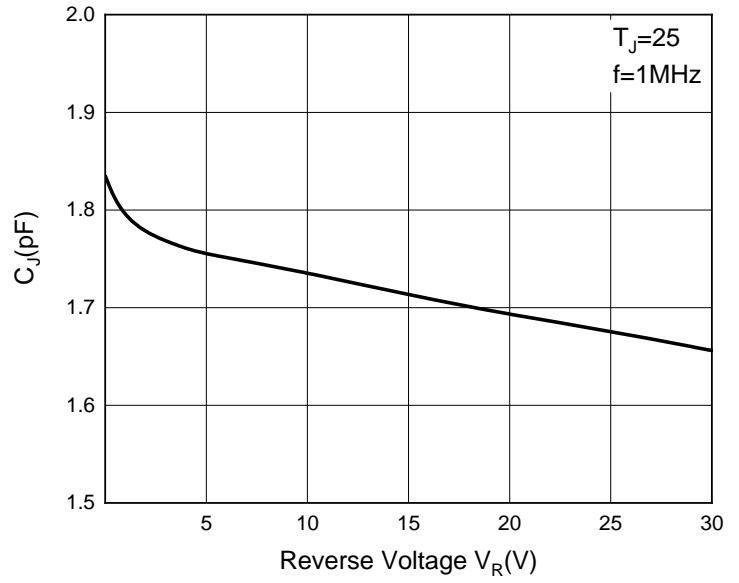


Fig.3: Forward Characteristics

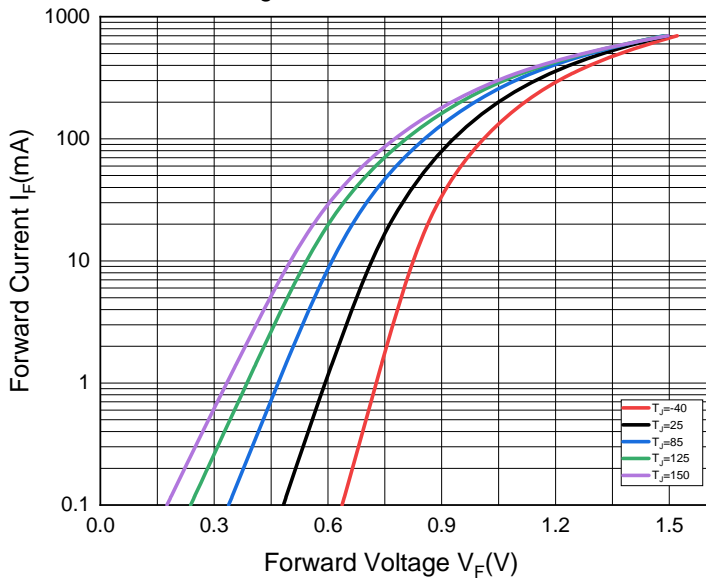
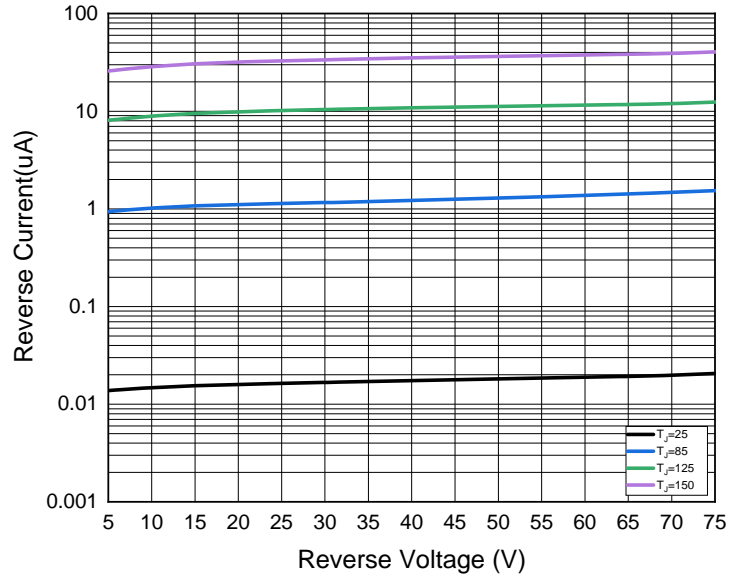


Fig.4: Reverse Characteristics





C i h`]bY 8]a Ybg]cbg

Aaf\_]b[ -bZcf a ah]cb

N ð



**%B(((8KGE**

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**8]gW`a]a Yf**

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