



· · @ c k · J : · 6 f ] X [ Y · F Y W h ] Z ] Y f g ·

..... : Y U h i f Y g ·

UL recognition, file #E230084  
based on silicon planar process  
Ideal for printed circuit boards  
High surge current capability  
Low VF  
Solder dip 275 °C max. 7 s, per JESD 22-B106

..... H m d ] W U · · 5 d d · ] W U h ] c b g ·

General purpose use in AC/DC bridge full wave rectification  
for switching power supply, home appliances, office  
equipment, industrial automation applications.

· · A Y W \ U b ] W U · · 8 U h U ·

D U W \_ U [ Y : G B U  
Molding compound meets



· ; 6 I I & ) \$ \* ·

9`YWhf]WU`7\UfUWhYf]gh]Wg Ta=25 Unless otherwise specified

D5F5A9H9F`	GMA6C@	IB-H`	H9GH`7CB8-H-CBG`	A]b`	Hmd`	AUI`
Instantaneous forward voltage drop per diode	V <sub>F</sub>	V	I <sub>FM</sub> =12.5A	0.80	0.875	0.92
DC reverse current at rated DC blocking voltage per diode	I <sub>R</sub>	μA	T <sub>j</sub> =25	-	0.01	5
			T <sub>j</sub> =125	-	3.5	50
Junction capacitance	C <sub>j</sub>	pF	Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C	150	185	250

H\Yf a U`7\UfUWhYf]gh]Wg Ta=25 Unless otherwise specified

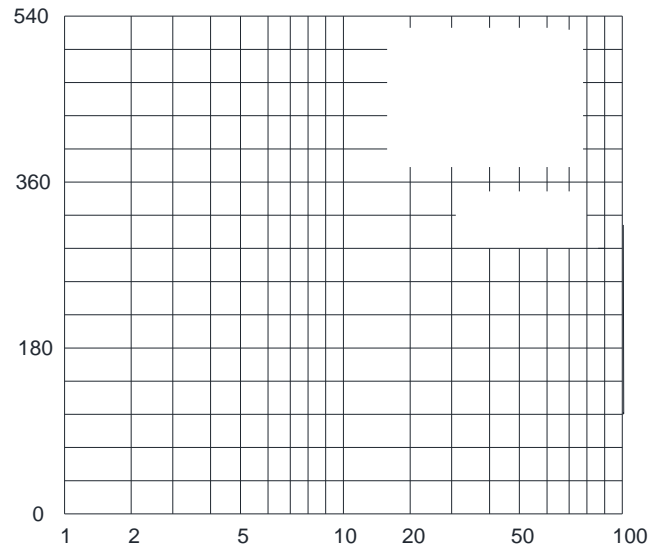
D5F5A9H9F`		GMA6C@	IB-H`	; 6 I I & ) \$ *
Thermal Resistance	Between junction and ambient, Without heatsink	R <sub>J-A</sub>	/W	25.0
	Between junction and case, With heatsink	R <sub>J-C</sub>		0.6
	Between junction and Lead With heatsink	R <sub>J-L</sub>		4.0

Note: Device mounted on 75mm x 45mm x 5.5mm Aluminum Plate Heatsink.

CfXYf]b [ `:bZcf a Uh]cb` (Example)

DF9 : 9F98`D#B`	D57 ? : B ; `` 7C89`	IB-H` K9: ; <Hfl [L	A=B=A I A` D57 ? 5 ; 9fidWgt	:BB9F`6CL` E I 5BH-HMfidWgt	C I H9F`7 5FHCB` E I 5BH-HMfidWgt`	89@=:J9FM`AC89
GBUU2506	B1	Approximate 3.96	20	1000	2000	TUBE

7\UfUWhYf]gh]Wg(Typical)







· ; 6 I I & ) \$ \* ·

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## 8]gW'U]a Yf'

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