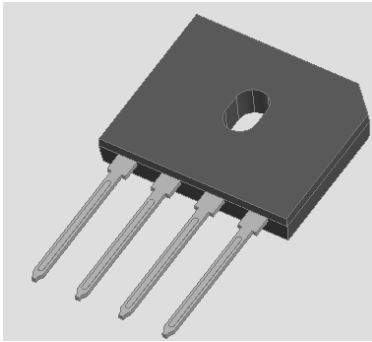


@ck'J : '6f]X[Y'FYWh]Z]Yfg'

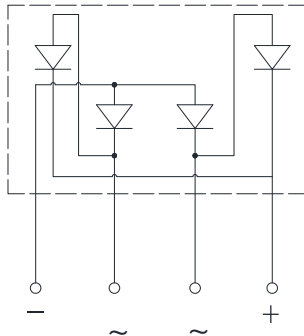


:YUhi fYg'

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

Hmd]WU' '5dd']WUh]cbg'

General purpose use in AC/DC bridge full wave Rectification for monitor, TV, printer, power supply, switching mode power supply, adapter, audio equipment, and home appliances applications.



'AYW\Ub]WU' '8UhU'

DUW_U[Y: GBU
Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant
HYf a]bU'g': Tin plated leads, solderable per J-STD-002 and JESD22-B102
Dc'Uf]hm. As marked on body

AUI]a i a 'FUh]b]g (T_a=25 Unless otherwise specified

D5F5A9H9F'		GMA6C@'	IB-H'	; 611%)*
Device marking code				GBUU1506
Maximum Repetitive Peak Reverse Voltage		VRRM	V	600
Maximum RMS Voltage		VRMS	V	420
Maximum DC blocking Voltage		VDC	V	600
Average rectified output current @60Hz sine wave, R-load	With heatsink T _c =110	IO	A	15.0
	Without heatsink T _a =25			3.5
Forward Surge Current (Non-repeti(Non- V				
Current squared time @1ms t 8.3ms T _j =25 , Rating of per diode		I ² t	A ² S	200.9
Storage temperature		T _{stg}		-55 ~ +150
Junction temperature		T _j		-55 ~ +150
Dielectric strength @ terminals to case, AC 1 minute		V _{dis}	KV	2.5
Mounting torque @recommend torque 5kg cm		T _{or}	kg cm	8.0



· ; 6 I I %) \$ * ·

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

	9H9F`	GMA6C@`	IB-H`	H9GH`7CB8-H-CBG`	AJb`	Hmd`	AUI`
Instantaneous forward voltage drop per diode	V _F	V		I _{FM} =7.5A	0.80	0.88	0.92
DC reverse current at rated DC blocking voltage per diode	I _R	μA	T _j =25	-	0.08	5	
			T _j =125	-	2.5	50	
Junction capacitance	C _j	pF	Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C		64	128	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 J-A	/W	25.0
	Between junction and case, With heatsink	R J-C		1.4
	Between junction and Lead With heatsink	R J-L		5



C i h] b Y ' 8] a Y b g] c b g '

; 6 1 '		
Dim	Min	Max
A	21.80	22.30
B	18.30	18.80
C	17.50	18.00
D	3.30	3.90
E	7.10	7.50
F	5.50	5.90
G	1.91	2.54
H	2.06	2.54



· ; 6 I I %) \$ * ·

8]gW'U]a Yf'

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