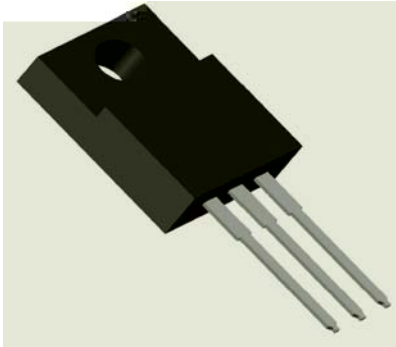


I`hfU! : Ugh`FYWc jYfm`8]cXYg`) 5†&` : F98`



..... : YUhifYg`

- Adopt FRED chip`
- Low forward Voltage drop`
- Fast reverse recovery time`
- High frequency operation`
- High purity, high temperature epoxy encapsulation for enhanced mechanical strength and moisture resistance`
- Guard ring for enhanced ruggedness and long term reliability`

Hmd]WU` ` 5dd`]WUh]cbg`

Typical applications are in switching power supplies, converters, freewheeling diodes, and reverse battery protection.

AYW\Ub]WU` ` 8UuU`

DUW_U[Y: ITO-220AB

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

AUI]a i a`FUh]b[g (Tj=25 Unless otherwise specified

D5F5A9H9F`	GMA6C@	IB-H	AI F%\$* \$: 7H
Device marking code			MUR1060FCT
Repetitive Peak Reverse Voltage	V_{RRM}	V	600
Average Rectified Output Current @60Hz sine wave, R-load, Tc(FIG.1)	I_O	A	10
Surge(Non-repetitive)Forward Current @60Hz half sine-wave, 1 cycle, Tj=25	I_{FSM}	A	50
Current Squared Time @1ms t 8.3ms Tj=25	I^2t	A ² s	10
Storage Temperature	Tstg		-55 ~ +175
Junction Temperature	Tj		-55 ~ +175
Typical Junction capacitance @4V,1MHz	Cj	pF	20
Mounting torque @recommend torque 5kg cm	Tor	kg cm	8



9`YWhf]WU`7\UfUWhYf]gh]Wg

D5F5A9H9F`	GMA6C@	IB-H	H9GH`7CB8-H-CBG`	A]b`	Hmd`	AUI`	
Instantaneous forward voltage drop per diode	V _{FM}	V	I _{FM} =5.0A @T _j =25	-	1.45	1.6	
			I _{FM} =5.0A @T _j =150	-	1.15	1.3	
DC reverse current at rated DC blocking voltage per diode	I _{RRM1}	uA	V _{RM} =V _{RRM} T _j =25	-	-	5.0	
	I _{RRM2}		V _{RM} =V _{RRM} T _j =150	-	35	200	
Reverse Recovery Time	T _{rr}	ns	I _F =0.5A I _{RM} =1A I _{RR} =0.25A T _j =25	-	25	35	
			T _j =25	-	50.8	-	
			T _j =125	-	81.8	-	
Peak recovery current	I _{RRM}	A	T _j =25	IF=5A di/dt=-200A/us V _{RM} =200V	-	3.06	-
			T _j =125		-	5.07	-
Reverse recovery charge	Q _{rr}	nC	T _j =25	-	78.88	-	
			T _j =125	-	280	-	

H\Yf aU`7\UfUWhYf]gh]Wg` T_j=25 Unless otherwise specified

D5F5A9H9F`	
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AIF%\$*\$:7H



8]gW'U]a Yf`

The information presented in this document is for reference onl .

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