



High frequency operation
 Low forward voltage drop
 High purity, high temperature epoxy encapsulation for enhanced mechanical strength and moisture resistance
 Guard ring for enhanced ruggedness and long term reliability
 Meets MSL level 1, per J-STD-020, LF maximum peak of 260

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

: TO-263

Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant

: Tin plated leads, solde

BL1060CT

Device marking code	IFSM	A	MBRBL1060CT 100
Repetitive Peak Reverse Voltage @60Hz half sine-wave, 1 cycle, T _a =25	VRRM	V	60

Current Squared Time @1ms t 8.3ms T _j =25	I ² t	A ² s	41
Storage Temperature	T _{stg}		-55 ~ +150
Junction Temperature	T _j		-55 ~ +150

T_a=25 Unless otherwise specified

Maximum instantaneous forward voltage drop per diode	V _{FM}	V	I _{FM} =5.0A	0.6
Maximum DC reverse current at rated DC blocking voltage per diode	I _{RRM1}	mA	V _{RM} =V _{RRM} T	
	I _{RRM2}		V _{RM} =V _{RRM} T	

Note1:Pulse test:300uS pulse width,1% duty cycle

Note2:Pulse test:pulse with 40mS







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