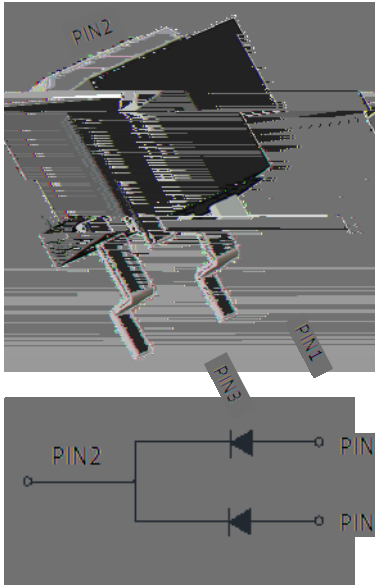




Schottky Diodes



Features

- 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

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

Mechanical Data

Package: TO-263

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

Terminals: Tin plated leads, solde

BL1060CT

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

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

Electrical Characteristics Ta=25 Unless otherwise specified

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	MBRBL1060CT
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 _{VRRM} T	
	I _{RRM2}		V _{RM} =V _{VRRM} T	

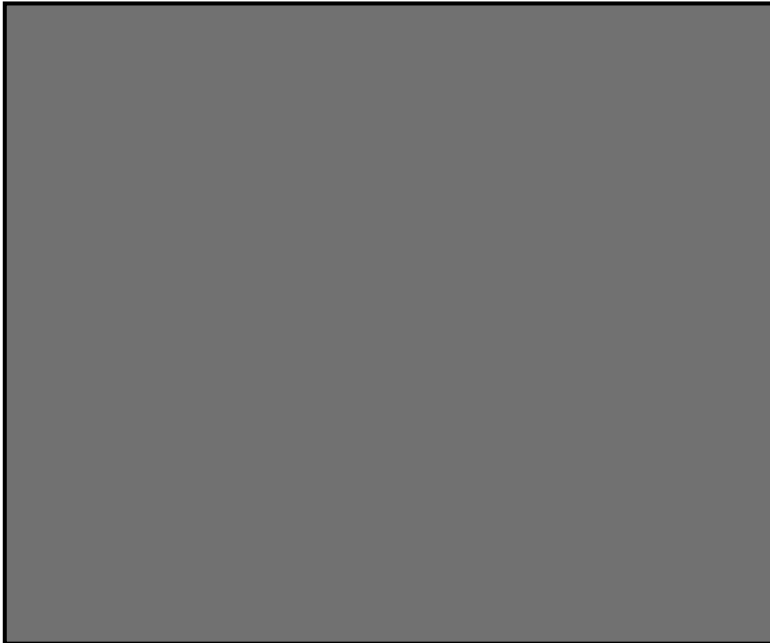
Note1:Pulse test:300uS pulse width,1% duty cycle

Note2:Pulse test:pulse width 40mS





Outl-Av M





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