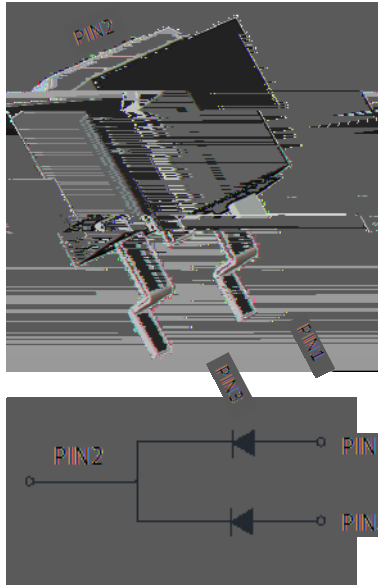




- High frequency operation
- Low forward voltage drop
- High purity, high temperature epoxy encapsulation for enhanced mechanical strength and moisture resistance
- Guard ring for enhanced ruggedness and long term reliability
- Meets MSL level 1, per J-STD-020, LF maximum peak of 260

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
@60Hz half sine-wave, 1 cycle, $T_a=25$ Repetitive Peak Reverse Voltage	VRRM	V	60

Current Squared Time @ $1\text{ms} \leq t \leq 8.3\text{ms}$ $T_j=25$	I^2t	A^2s	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 width 40mS





■





The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function or design or otherwise.

The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with equipment or devices which require high level of reliability and the malfunction of which would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers, fuel controllers and other safety devices), Yangjie or anyone on its behalf, assumes no responsibility or liability for any damages resulting from such improper use of sale.

This publication supersedes & replaces all information previously supplied. For additional information, please visit our website [http:// www.21yangjie.com](http://www.21yangjie.com) , or consult your nearest Yangjie's sales office for further assistance.