



High frequency operation
 Low forward voltage drop
 High purity, high temperature epoxy encapsulation for enhanced mechanical strength and moisture resistance
 Guard ring for enhanced rugged rating, RoHS-compliant



: Tin plated leads, solderable per J-STD-002 and JESD22-B102
 : As marked

($T_a=25$ Unless otherwise specified)

Device marking code			MBR20150FCTS
Repetitive Peak Reverse Voltage	VRRM	V	150
Average Rectified Output Current @60Hz sine wave, R-load, $T_a=25$	I _O	A	20
Surge(Non-repetitive)Forward Current @60Hz half sine-wave, 1 cycle, $T_a=25$	I _{FSM}	A	130
Current Squared Time @1ms t 8.3ms $T_j=25$	I ² t	A ² s	70
Storage Temperature	T _{stg}		-55 ~ +175
Junction Temperature	T _j		-55 ~ +175

$T_a=25$ Unless otherwise specified

Maximum instantaneous forward voltage drop per diode	V _{FM}	V	I _{FM} =10.0A	0.9
Maximum DC reverse current at rated DC blocking voltage per diode	I _{RRM1}	mA	V _{RM} =V _R RM $T_a=25$	0.1
	I _{RRM2}		V _{RM} =V _R RM $T_a=125$	20

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

Note2:Pulse test:pulse width 40mS

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