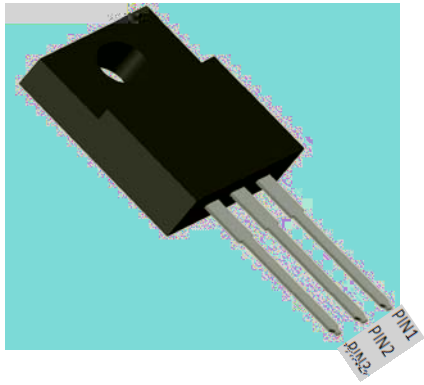


- High frequency operation
- High purity, high temperature epoxy encapsulation for enhanced mechanical strength and moisture resistance
- Guard ring for enhanced ruggedness and long term reliability
- So $T_a=25$ ■ Maximum $T_a=25$ Unless otherwise specified

Device marking code		MBR30100FCT	MBR30150FCT	MBR30200FCT	

	t	A ² s	259
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} =15.0A	0.8	0.85	0.9
Maximum DC reverse current at rated DC blocking voltage per diode	I _{RRM1}	mA	V _{RM} =V _{RRM} T _a =25	0.1		
	I _{RRM2}		V _{RM} =V _{RRM} T _a =125	20		

■ $T_a=25$ Unless otherwise specified

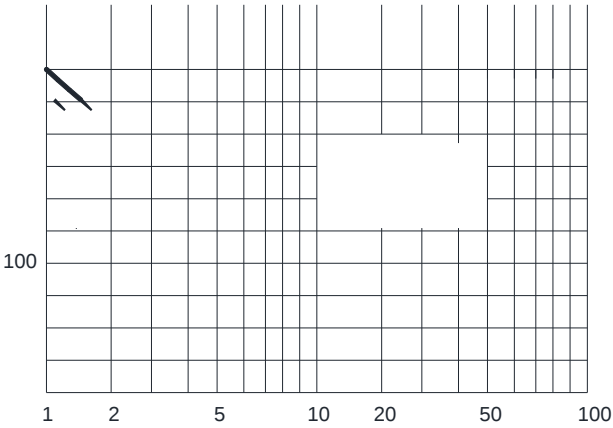
Thermal Resistance	Between junction and case	R _{θJ-C}	W	4.0		



■ (Example)

MBR30100FCT THRU MBR30200FCT	Approximate 1.6	50	1000	5000	Tube

■ (Typical)





■

Dim	Min	Max
A	9.8	10.2

