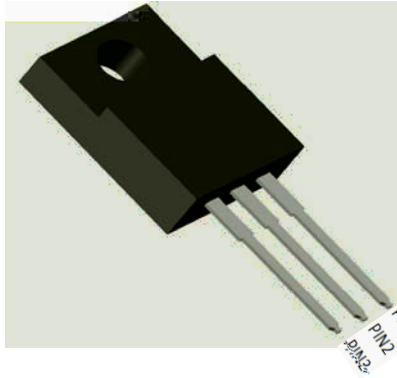


Schottky Diodes



Features

- 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 Maximum $T_a=25$ Unless otherwise specified

PARAMETER	SYMBOL	UNIT	MBR30100FCT	MBR30150FCT	MBR30200FCT
Device marking code			MBR30100FCT	MBR30150FCT	MBR30200FCT

	τ_t	A ² s	259		
Storage Temperature	T _{stg}		-55 ~ +175		
Junction Temperature	T _j		-55 ~ +175		

Electrical Characteristics $T_a=25$ Unless otherwise specified

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	MBR30100FCT	MBR30150FCT	MBR30200FCT
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		

Thermal Characteristics $T_a=25$ Unless otherwise specified

PARAMETER	SYMBOL	UNIT	MBR30100FCT	MBR30150FCT	MBR30200FCT
Thermal Resistance	Between junction and case	R _{J-C}	W	4.0	

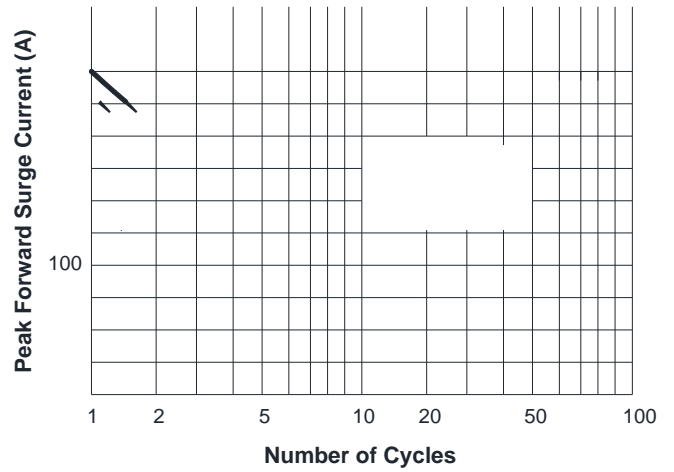


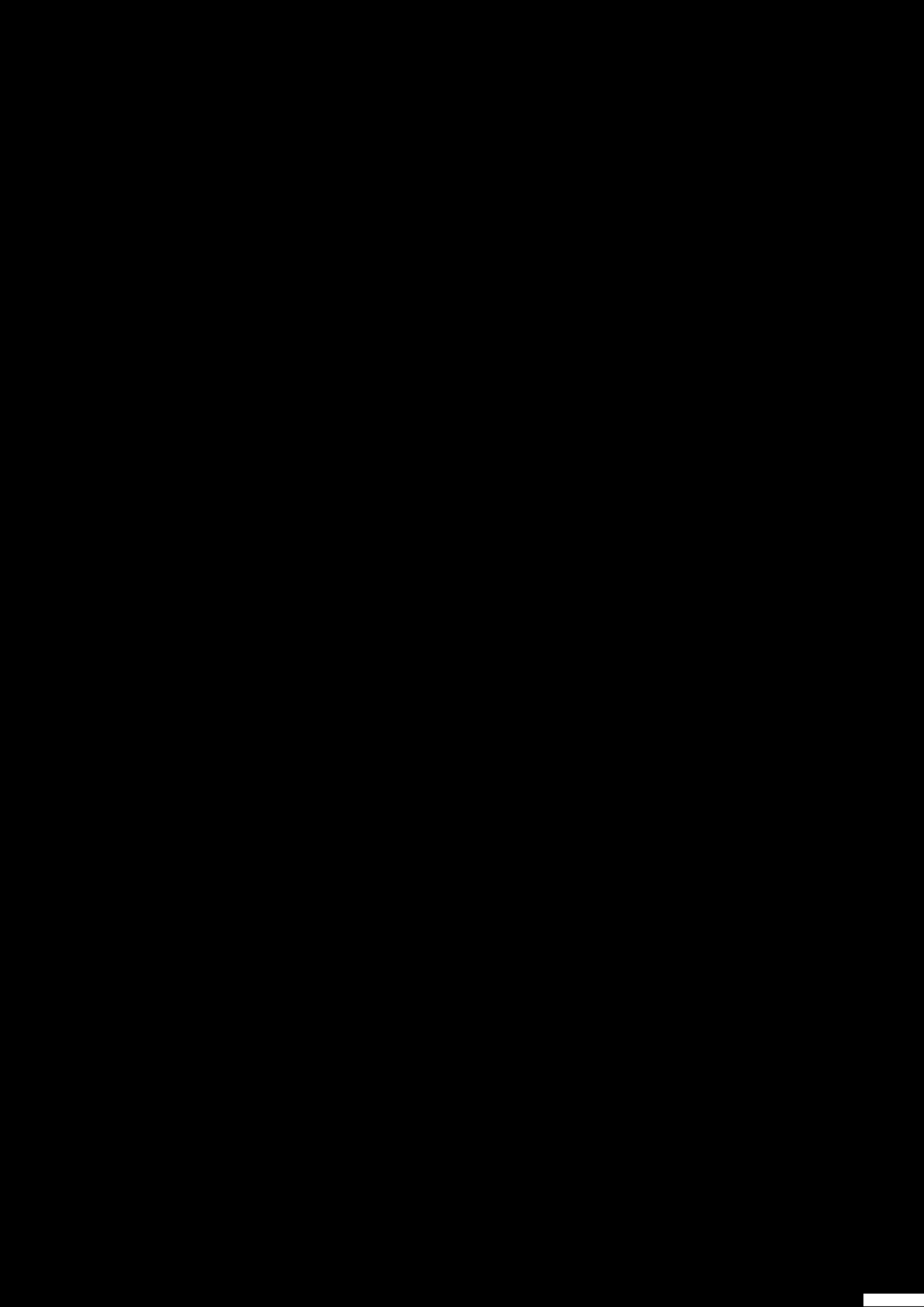
MBR30100FCT THRU MBR30200FCT

Ordering Information (Example)

PREFERED P/N	UNIT WEIGHT(g)	MINIIMUM PACKAGE(pcs)	INNER BOX QUANT f Y(pcs)	OUTER CARTON QUANT f Y(pcs)	DEL f ERY MODE
MBR30100FCT THRU MBR30200FCT	Approximate 1.6	50	1000	5000	Tube

Characteristics (Typical)







MBR30100FCT THRU MBR30200FCT

Disclaimer

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