



Schottky Diodes

Features

e n c

- enhanced mechanical strength and moisture resistance
- Guard ring for enhanced rugged rating, RoHS-compliant

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Device marking code			MBRL20120FCT
Repetitive Peak Reverse Voltage	V_{RRM}	V	120
Average Rectified Output Current @60Hz sine wave, R-load, $T_c=116$	I_o	A	20
Surge(Non-repetitive)Forward Current @60Hz half sine-wave, 1 cycle, $T_a=25$	I_{FSM}	A	200
Current Squared Time @1ms≤t≤8.3ms $T_j=25$	I^2t	A ² s	166
Storage Temperature	T_{stg}		-55 ~ +150
Junction Temperature	T_j		

MBRL20120FCT

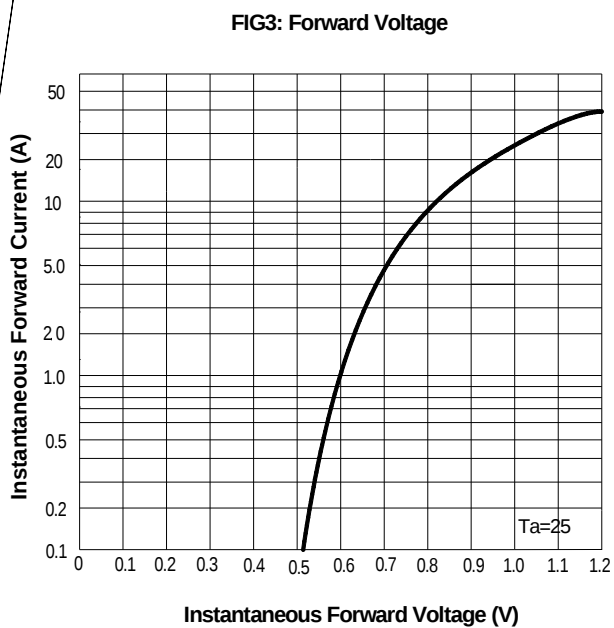
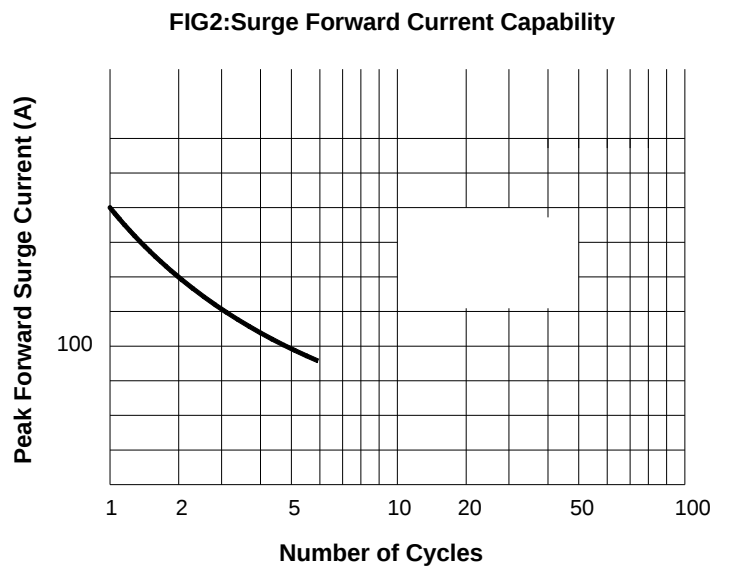
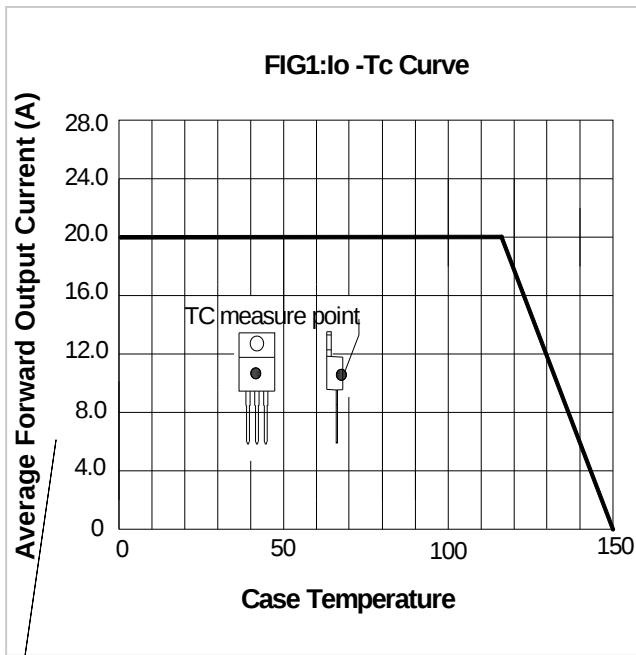
■ Thermal Characteristics $T_a=25$ Unless otherwise specified

PARAMETER		SYMBOL	UNIT	MBRL20120FCT
Thermal Resistance	Between junction and case	$R_{\theta J-C}$	$^{\circ}\text{C}/\text{W}$	2.0

■ Ordering Information (Example)

PREFERRED P/N	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
MBRL20120FCT	Approximate 1.9	50	1000	5000	Tube

■ Characteristics (Typical)





■Outline Dimensions