



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
- " Meets MSL level 1, per J-STD-020, LF maximum peak of 260

Typical Applications

Typical applications are in switching power supplies, converters, freewheeling diodes, and reverse battery protection.

Mechanical Data

- " Package : TO-263
- Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant
- " Terminals : Tin plated leads, solderable per J-STD-002 and JESD22-B102
- " Polarity : As marked

Maximum Ratings (Ta=25 Unless otherwise specified Å

PARAMETER	SYMBOL	UNIT	MBRBU20100CTA
Device marking code			MBRBU20100CTA
Repetitive Peak Reverse Voltage	V_{RRM}	V	100



MBRBU20100CTA

Ordering Information (Example)

PREFERRED P/N	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
MBRBU20100CTA	Approximate 1.43	50	2000	8000	Tube
MBRBU20100CTA	Approximate 1.43	1000	2000	10000	Reel

Characteristics (Typical)

FIG2: Surge Forward Current Capability

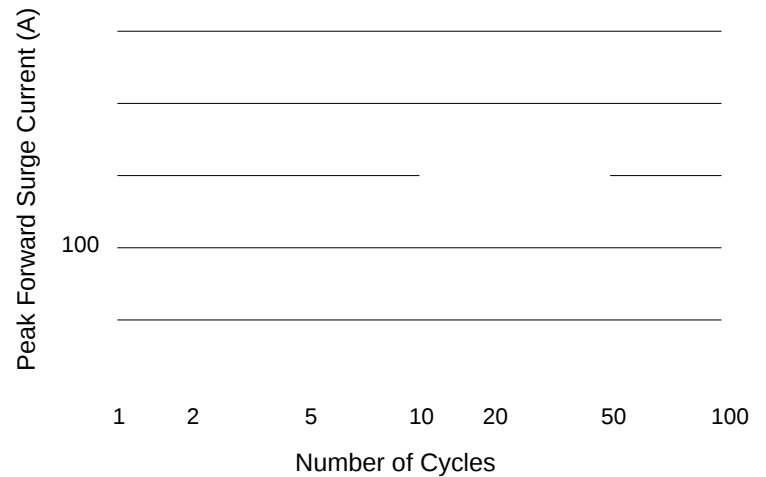
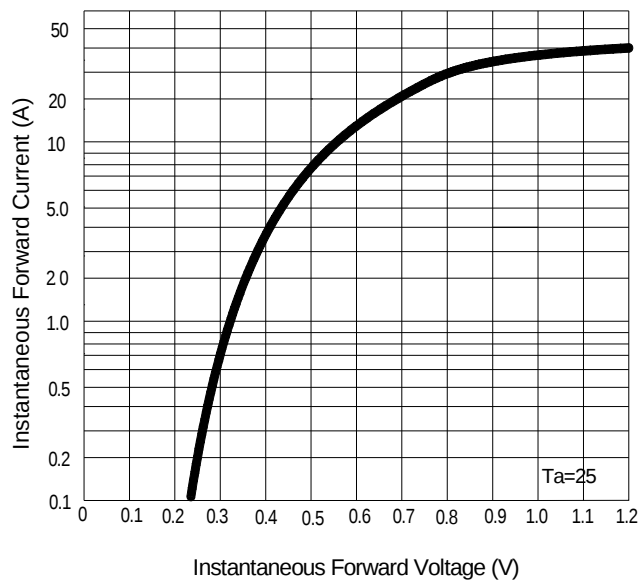


FIG3: Forward Voltage





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