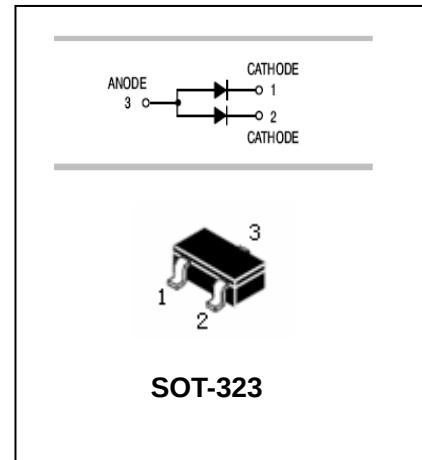


Schottky Barrier Diode

RB717F

FEATURES

- High reliability type.
- Low V_F .
- High reliability.



APPLICATIONS

- Low current rectification.

ORDERING INFORMATION

Type No.	Marking	Package Code
RB717F	3E	SOT-323

MAXIMUM RATING @ Ta=25°C unless otherwise specified

Characteristic	Symbol	Limits	Unit
Repetitive peak reverse Voltage	V_{RM}	40	V
DC Reverse Voltage	V_R	40	V
Average rectified forward current	I_O	30	mA
Forward current surge peak(60Hz.1cyc)	I_{FSM}	200	mA
Power Dissipation	P_d	200	mW
Operating Junction Temperature Range	T_j	125	°C
Storage Temperature Range	T_{STG}	-45 to +125	°C

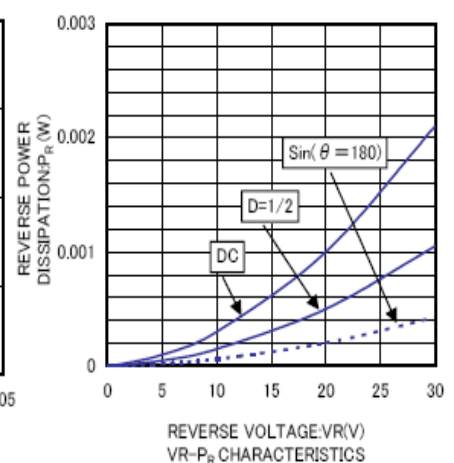
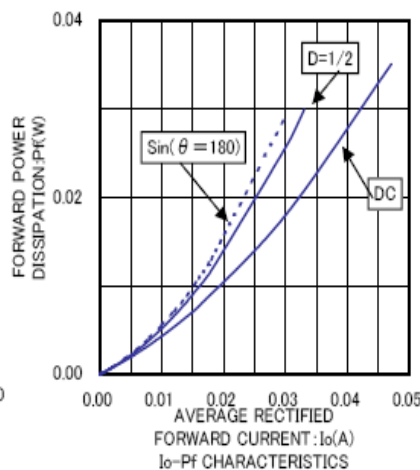
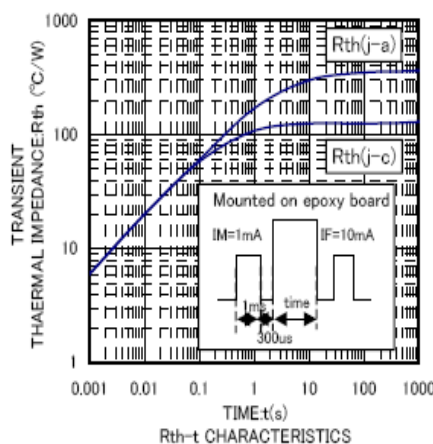
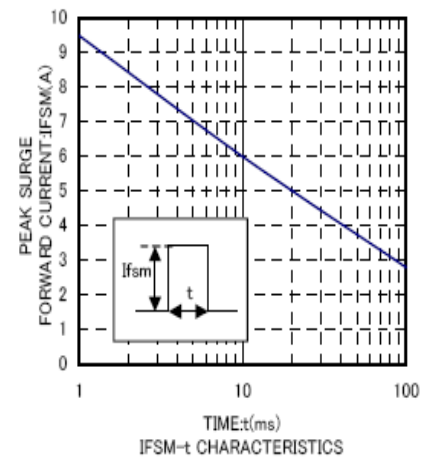
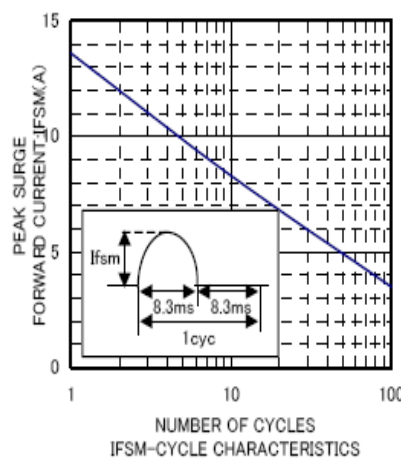
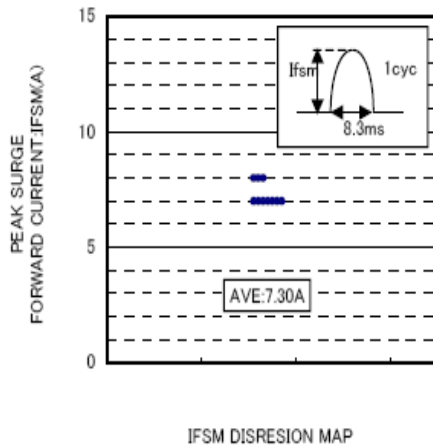
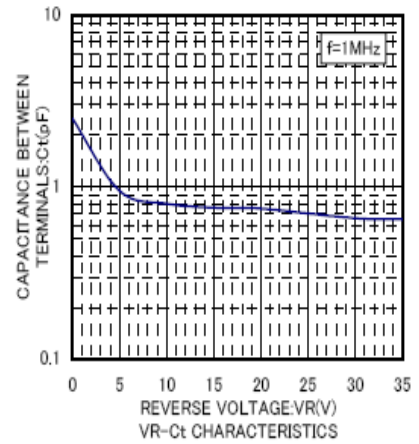
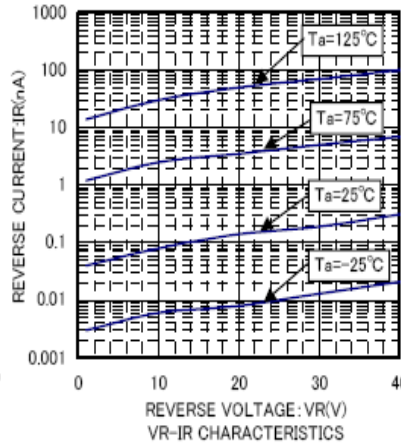
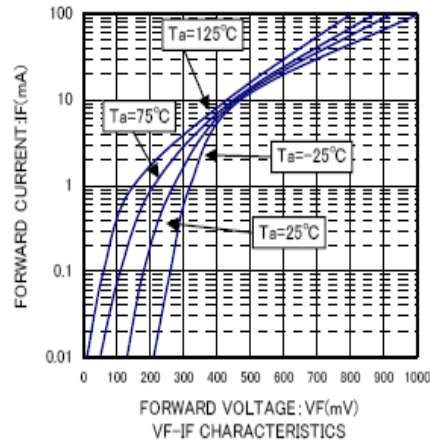
ELECTRICAL CHARACTERISTICS @ Ta=25°C unless otherwise specified

Characteristic	Symbol	Min	TYP	MAX	UNIT	Test Condition
Forward Voltage	V_F	-		0.37	V	$I_F=1.0mA$
Reverse Leakage Current	I_R	-		1.0	μA	$V_R=10V$
Diode Capacitance	C_D	-	2.0		pF	$V_R=1.0V, f=1MHz$

Schottky Barrier Diode

RB717F

TYPICAL CHARACTERISTICS @ $T_a=25^\circ\text{C}$ unless otherwise specified



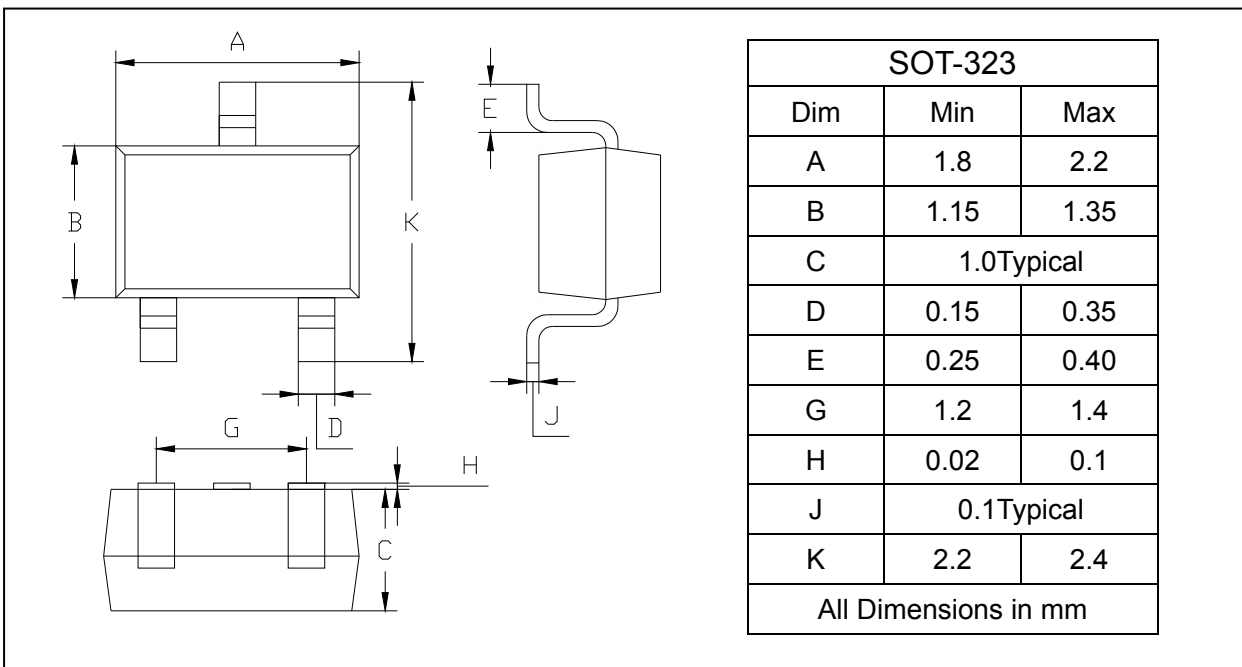
Schottky Barrier Diode

RB717F

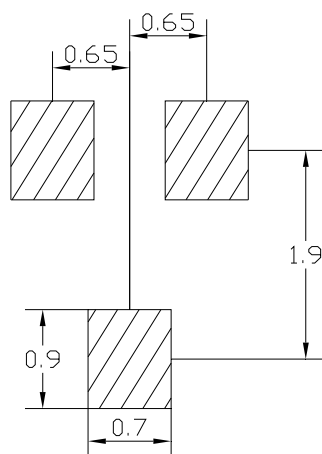
PACKAGE OUTLINE

Plastic surface mounted package

SOT-323



SOLDERING FOOTPRINT



Unit : mm

PACKAGE INFORMATION

Device	Package	Shipping
RB717F	SOT-323	3000/Tape&Reel