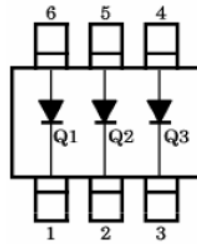
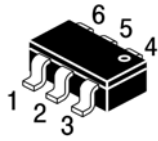
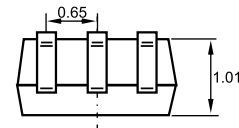
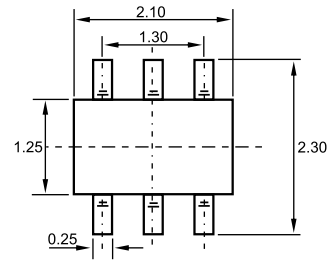


RB731XN

Surface Mount Schottky Barrier Diodes



SOT-363



Dimensions in inches and (millimeters)

Features

- ✧ Small power mold type.
- ✧ Low VF.
- ✧ High reliability.

Applications

- ✧ Ultra high speed switching.

Ordering Information

Type No.	Marking	Package Code
RB731XN	731	SOT-363

MAXIMUM RATING @ Ta=25°C unless otherwise specified

Symbol	Characteristic	Value	Unit
V_{RM}	Maximum peak reverse Voltage	40	V
V_R	DC reverse Voltage	40	V
I_O	Average forward output current	30	mA
I_{FSM}	Non-Repetitive peak forward surge current	0.2	A
P_D	Power Dissipation	200	mW
T_j, T_{stg}	Junction and Storage Temperature	-40 to +125	°C

ELECTRICAL CHARACTERISTICS @ Ta=25°C unless otherwise specified

Parameter	Symbol	Test conditions	MIN	MAX	UNIT
Reverse breakdown voltage	$V_{(BR)R}$	$I_R=100\mu A$	40	-	V
Average reverse current	I_R	$V_R=10V$		1	μA
Forward voltage	V_F	$I_F=1mA$	-	0.37	V
Total Capacitance	C_T	$V_R=1.0V, f=1.0MHz$	-	2	pF

TYPICAL CHARACTERISTICS @ Ta=25°C unless otherwise specified
