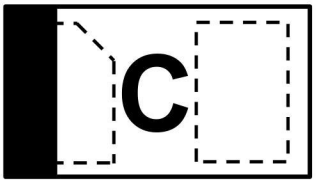
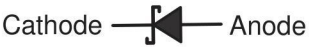
RB521CS-30DB
Schottky Barrier Rectifiers

Features

- Small surface mounting type
- High reliability
- Low reverse current and low forward voltage

DFN1x0.6-2L





Marking Code:C

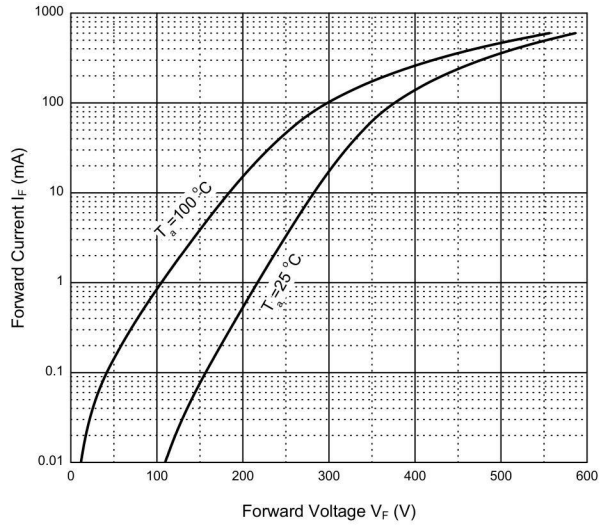
Absolute Maximum Ratings (T_A=25℃)

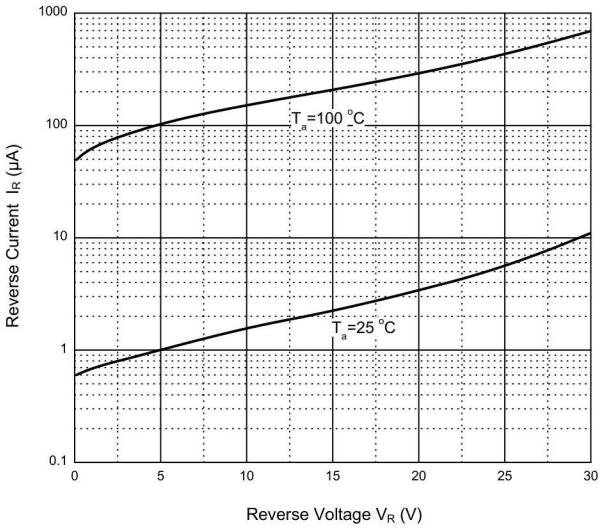
Parameter	Symbols	Value	Unit
DC Reverse Voltage	V_R	30	V
Mean Rectifying Current	I_O	200	mA
Non-repetitive Peak Forward Surge Current at t=8.3ms	I_{FSM}	0.5	A
Power dissipation	P_D	200	mW
Thermal Resistance Junction to Ambient	$R_{\theta JA}$	500	°C/W
Operating Junction Temperature	T_J	125	°C
Storage Temperature Range	T_{STG}	-40 to +125	°C

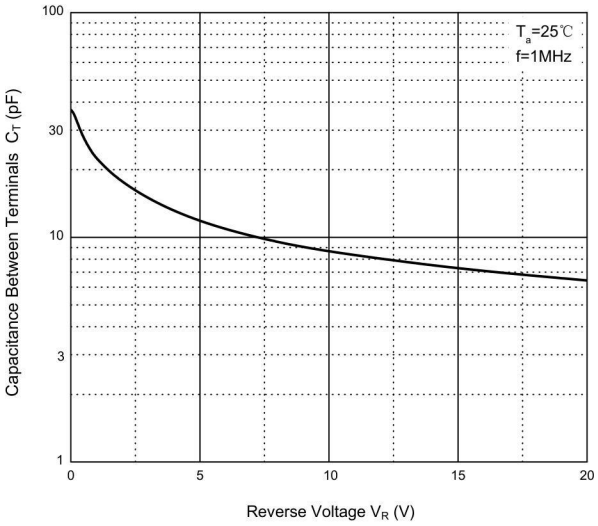
Electrical Characteristics (T_A=25℃)

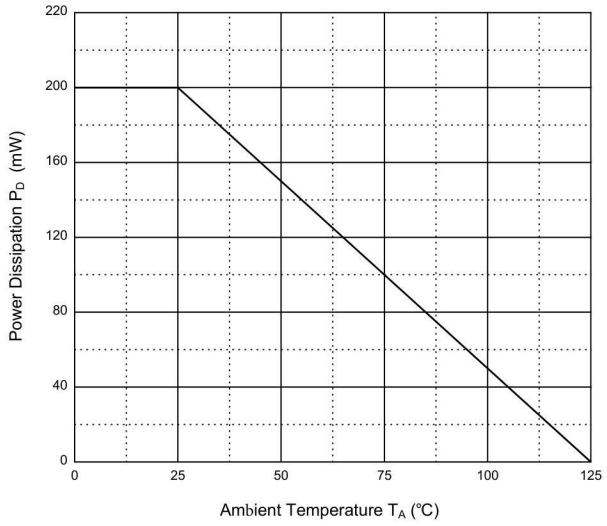
Parameter	Symbols	Max.	Unit
Forward Voltage at I_F = 10mA at I_F = 20mA	V_F	 0.35 0.40	V
Reverse Current at V_R = 10 V	I_R	30	μA

Typical Characteristic Curves





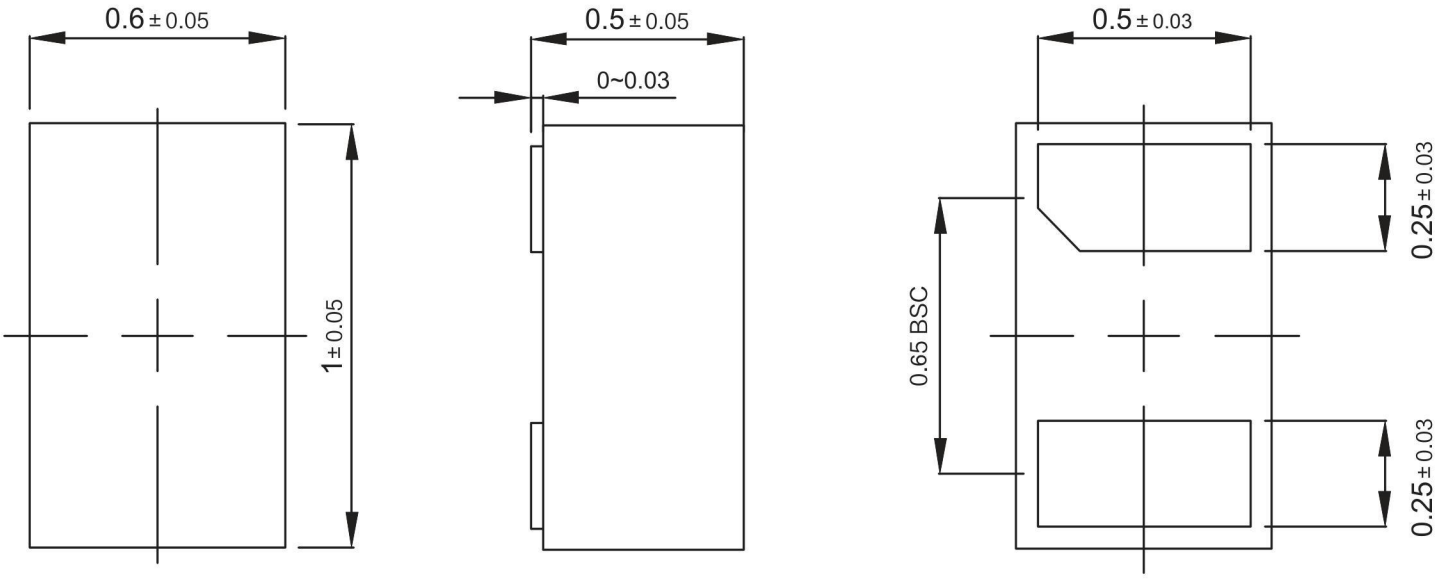




Package Outline

DFN1x0.6-2L-0011

Dimensions in mm



TOP VIEW SIDE VIEW BOTTOM VIEW

Ordering Information

Device	Package	Shipping
RB521CS-30DB	DFN1x0.6-2L	10,000PCS/Reel&7inches