RB521S-30

Rev.D Dec.-2024

蓝箭电子 BLUE ROCKET ELECTRONICS

DATA SHEET

/ Descriptions

SOD-523

Schottky Diode in a SOD-523 Plastic Package.

/ Features

Low forward voltage drop,HF Product.

/ Applications

General purpose.

/ Equivalent Circuit

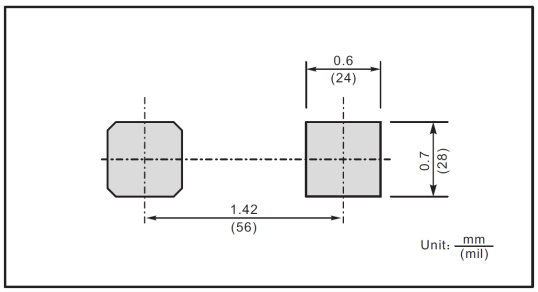


/ Pinning



PIN1: Cathode PIN2: Anode

The recommended mounting pad size

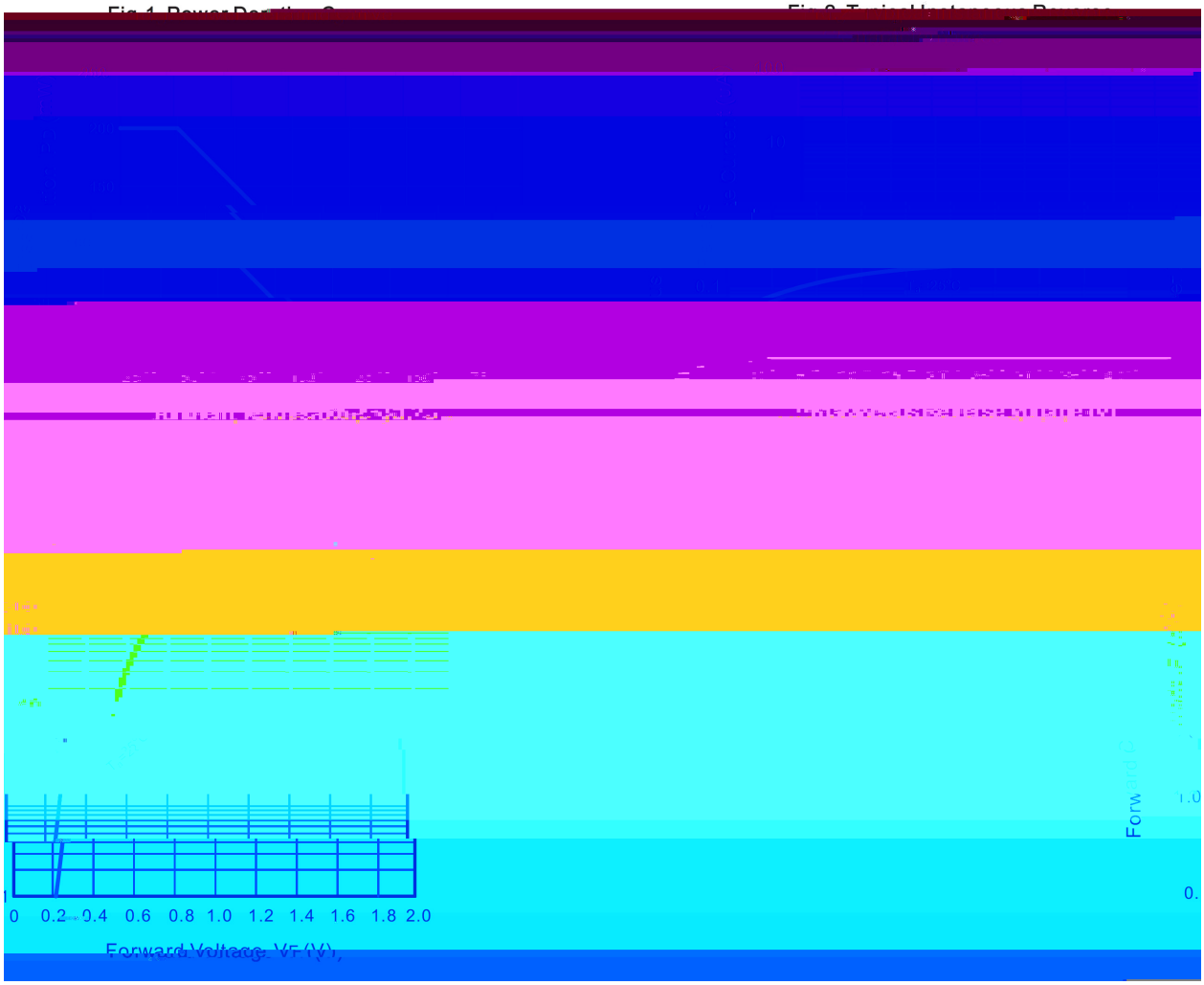


/ Marking

Type number	Marking code
RB521S-30	C

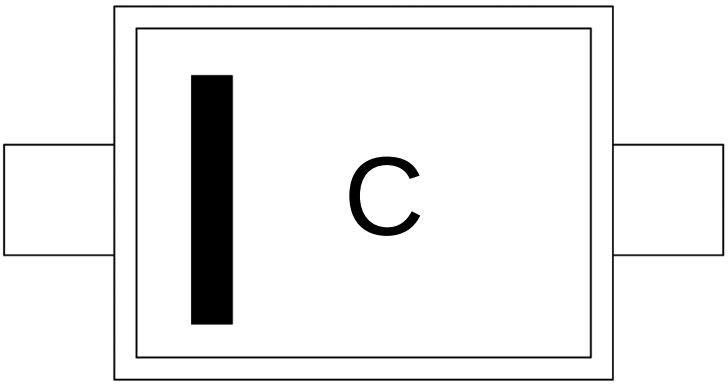
Parameter	Symbol	Rating	Unit
Reverse Voltage	V_R	30	V
Forward Continuous Current	I_F	200	mA
Non-Repetitive Peak Forward Surge Current @t = 8.3ms	I_{FSM}	1	A
Power dissipation	P_D		

/ Electrical Characteristic Curve



RB521S-30

/ Marking Instructions



C

Note:

C : Product Type Code

( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)

		Note:
1	150 180 60 90sec;	1.Preheating:150~180 , Time:60~90sec.
2	245±5 5±0.5sec;	2.Peak Temp.:245±5 , Duration:5±0.5sec.
3	2 10 /sec.	3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

260±5	10±1 sec.	Temp.:260±5	Time:10±1 sec