



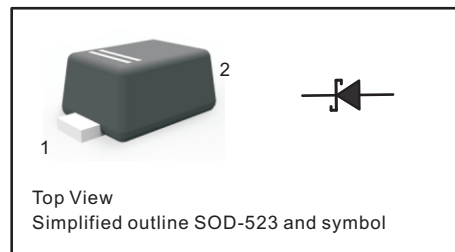
**SCHOTTKY BARRIER RECTIFIERS**

**FEATURES**

- Low Forward Voltage Drop
- Surface Mount Package Ideally Suited for Automated Insertion
- Lead, Halogen and Antimony Free, RoHS Compliant "Green" Device

**PINNING**

PIN	DESCRIPTION
1	Cathode
2	Anode



Maximum Ratings and Electrical characteristics  
Ratings at 25 °C ambient temperature unless otherwise specified.

Parameter	Symbols	RB521S-30	Units
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	$P_D$	200	mW
Reverse Breakdown Voltage	$V_{BR}$	30(Min)	V
Forward Voltage	$V_F$	0.37(Max) 0.60(Max)	V
Peak Reverse Current	$I_R$	5.0(Max)	uA
Junction Temperature	$T_j$	125	°C
Storage Temperature	$T_{stg}$	-55 ~ +125	°C



Fig.1 Power Derating Curve

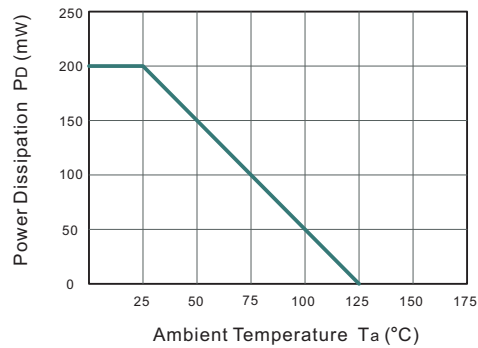


Fig.2 Typical Instaneous Reverse Characteristics

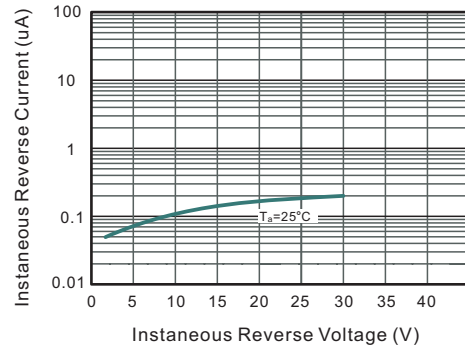
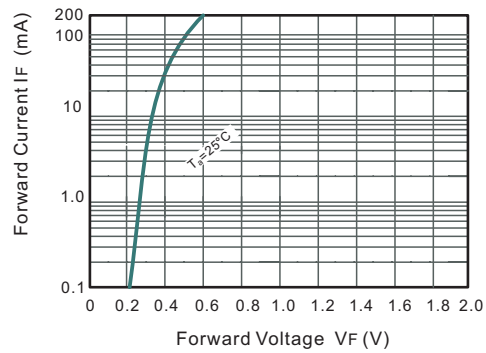


Fig.3 Typical Forward Characteristic

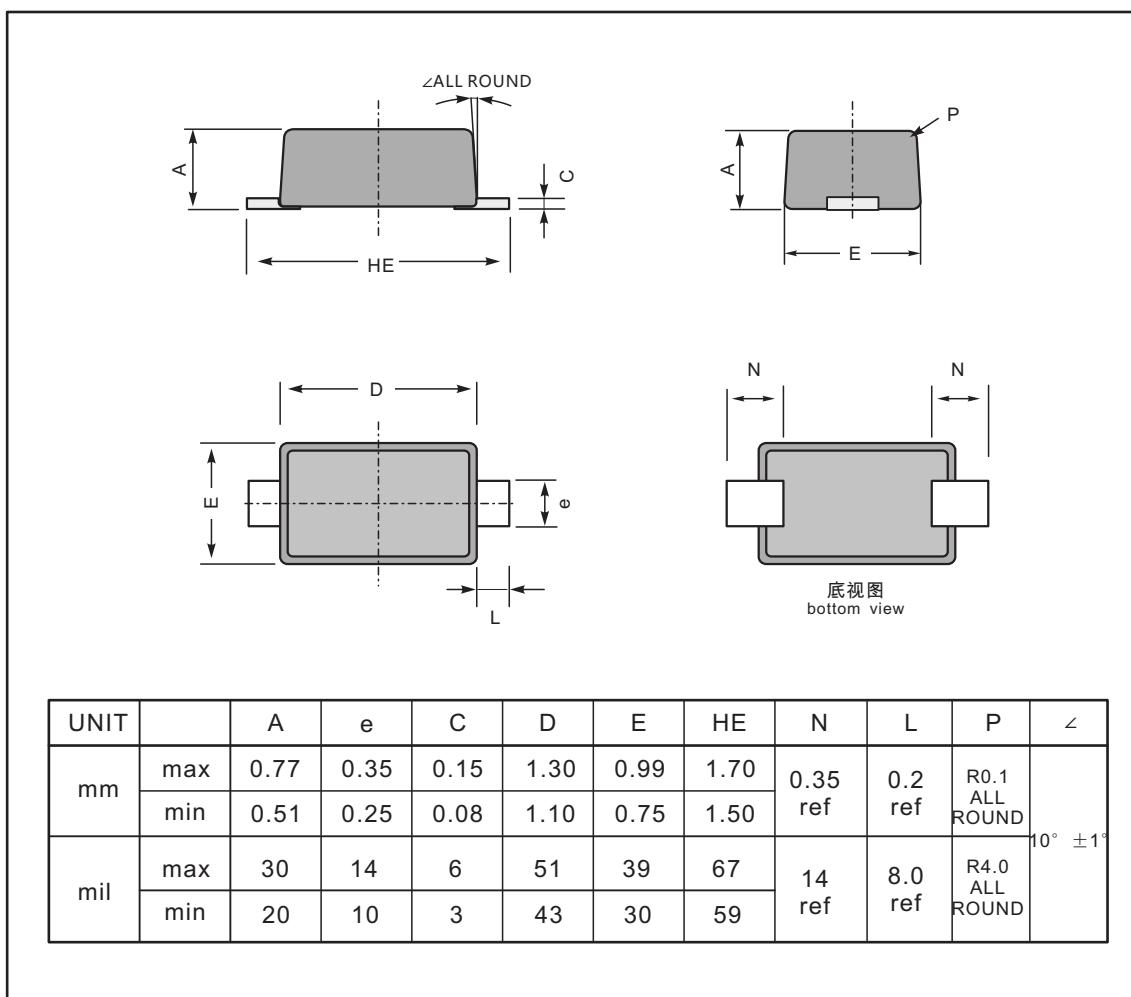




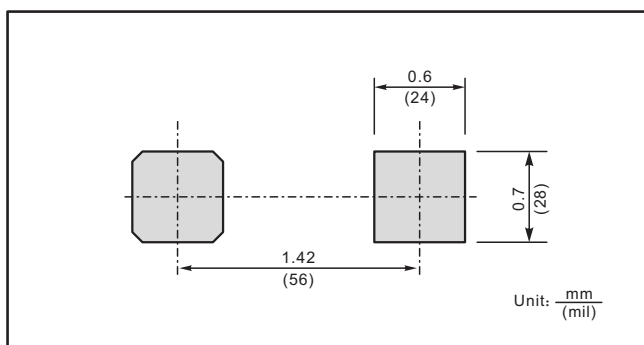
## PACKAGE OUTLINE

Plastic surface mounted package; 2 leads

SOD-523



### The recommended mounting pad size



### Marking

Type number	Marking code
RB521S-30	C

单击下面可查看定价，库存，交付和生命周期等信息

[>>JINGDAO\(晶导微\)](#)