



Micro Commercial Components  
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**RB521S-30LP**

**100 mA**  
**Schottky Rectifier**  
**30 Volts**

**Features**

- Small surface mounting type
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1
- Lead Free Finish/RoHS Compliant ("P" Suffix designates RoHS Compliant. See ordering information)
- Marking:F



**Maximum Ratings**

Symbol	Rating	Rating	Unit
V <sub>R</sub>	DC Reverse Voltage	30	V
I <sub>O</sub>	Mean Rectifying Current	100	mA
I <sub>FSM</sub>	Peak Forward Surge Current*	1	A
T <sub>J</sub>	Junction Temperature	125	°C
T <sub>STG</sub>	Storage Temperature	-40 to +125	°C

**Electrical Characteristics @ 25°C Unless Otherwise Specified**

Symbol	Parameter	Min	Typ	Max	Units
V <sub>F</sub>	Forward Voltage (I <sub>F</sub> =10mA)	---	---	0.35	Vdc
I <sub>R</sub>	Reverse Current (V <sub>R</sub> =10Vdc)	---	---	10	uA

SOD-882

DIMENSIONS

DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.018	0.022	0.45	0.55	
B	0.000	0.003	0.01	0.07	
C	0.018 REF.		0.450 REF.		
D	0.037	0.041	0.95	1.05	
E	0.022	0.026	0.55	0.65	
F	0.016 REF.		0.400 REF.		
G	0.011	0.013	0.275	0.325	
H	0.000 REF.		0.010 REF.		
L	0.011	0.013	0.275	0.325	

## Typical Characteristics

### ● Electrical characteristic curves (Ta=25°C)

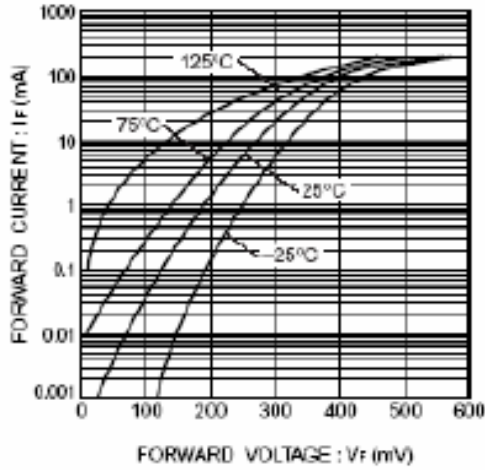


Fig.1 Forward characteristics

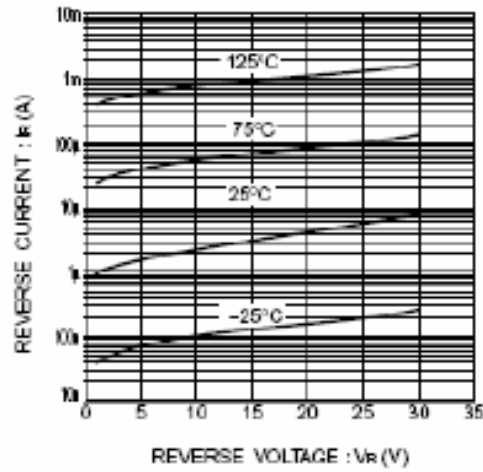
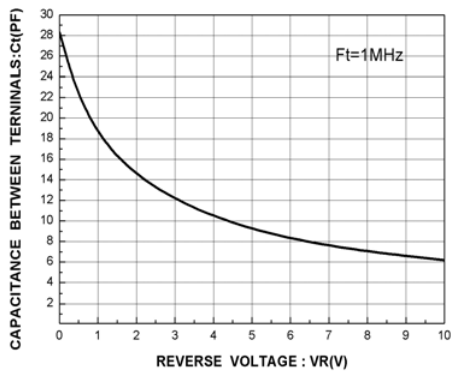


Fig.2 Reverse characteristics





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### Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 5Kpcs/Reel

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