

Description

The RB521ZP-30 is Schottky Barrier Rectifiers, DFN1006-2L plastic package.

V_R	I_F	I_{FSM}
30 V	200 mA	1 A

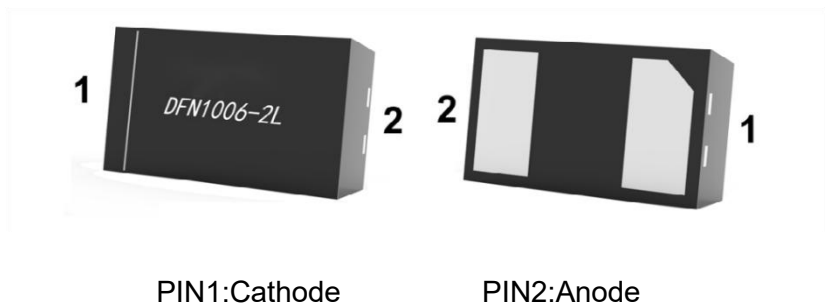
Features

- Ultra small package
- Low positive pressure drop
- Can ignore the reverse recovery time
- Halogen-free product

Applications

- General purpose.

Equivalent Circuit & Pinning



Marking

See Marking Instructions.

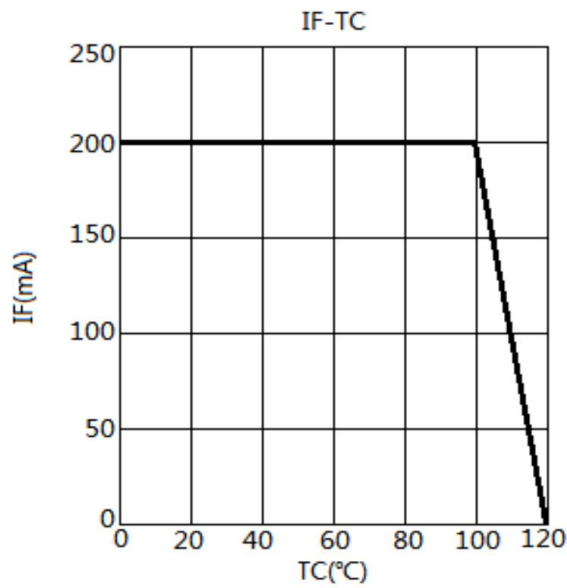
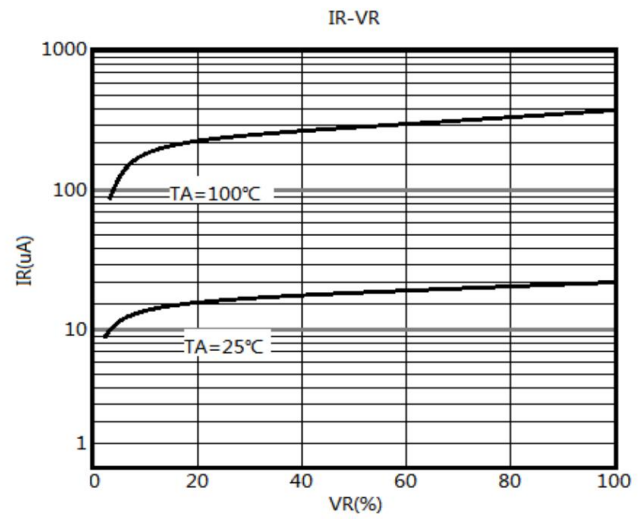
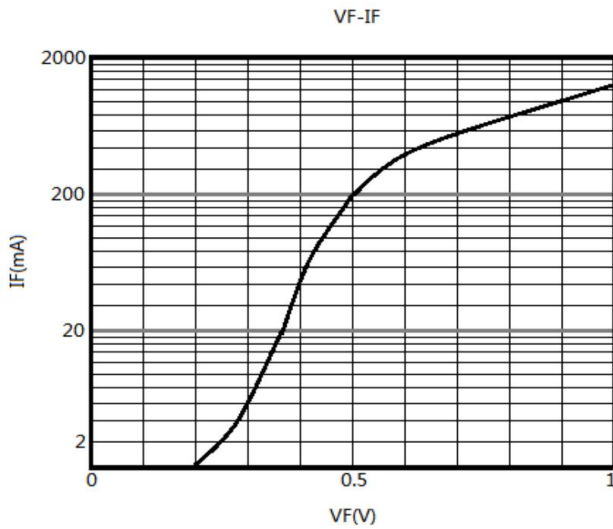
Absolute Maximum Ratings(Ta=25°C)

Parameter	Symbol	Rating	Unit
Maximum Repetitive Peak Reverse Voltage	VRRM	30	V
Maximum RMS voltage	VRMS	21	V
Maximum DC Blocking Voltage	VDC	30	V
Maximum Average Forward Rectified Current Tc=100°C	IF (AV)	0.2	A
Peak Forward Surge Current 8.3 ms Single Half Sine Wave Superimposed on Rated Load (JEDEC Method)	IFSM	1	A
Operating and Storage Temperature Range	Tj,Tstg	-40~+100	°C

Electrical Characteristics(Ta=25°C)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Maximum Instantaneous Forward Voltage	VF	IF=0.2A			0.5	V
Maximum DC Reverse Current at Rated DC Blocking Voltage	IR	Ta=25°C			30	uA
		Ta=100°C			500	uA

Electrical Characteristic Curve



Marking instructions



Note:

H: Company Code

SC: Product Type

Packaging SPEC

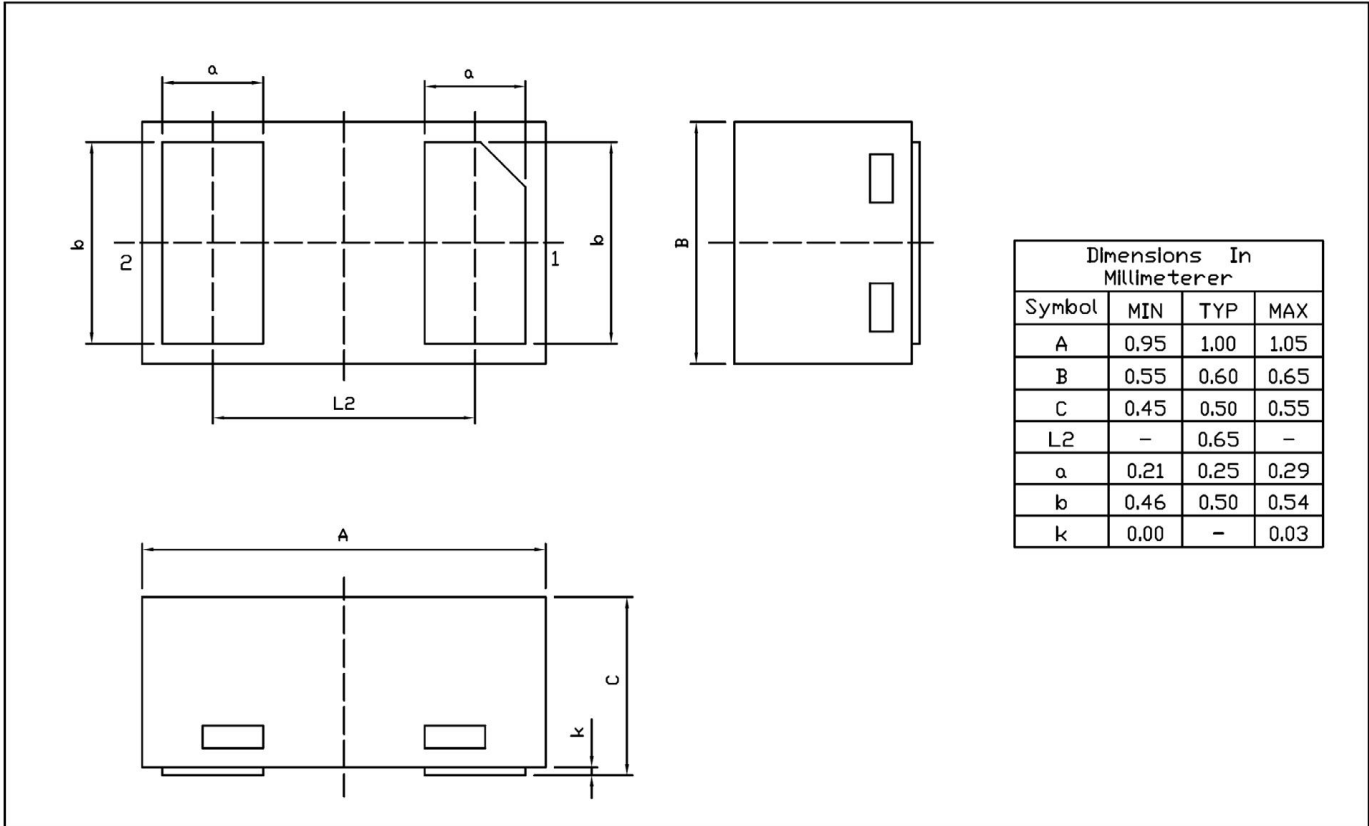
REEL

Package Type	Units					Dimension(unit: mm ³)		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
DFN1006-2L	10,000	10	100,000	6	600,000	7" ×8	180×120×180	390×385×205

Package Dimensions

DFN1006-2L

Unit:mm



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