

Descriptions

This is Schottky Diode in a DFN1006-2L Plastic Package.

Features

- Ultra small package
- Low positive pressure drop
- can ignore the reverse recovery time
- HF Product

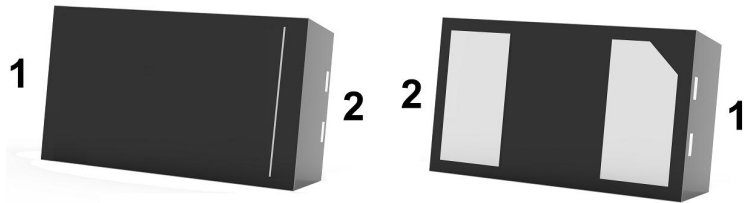
Applications

General purpose

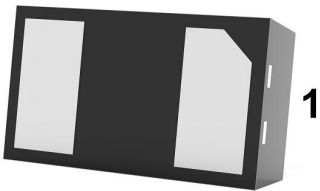
Equivalent Circuit & Pinning



DFN1006-2L



PIN1:Anode



PIN2:Cathode

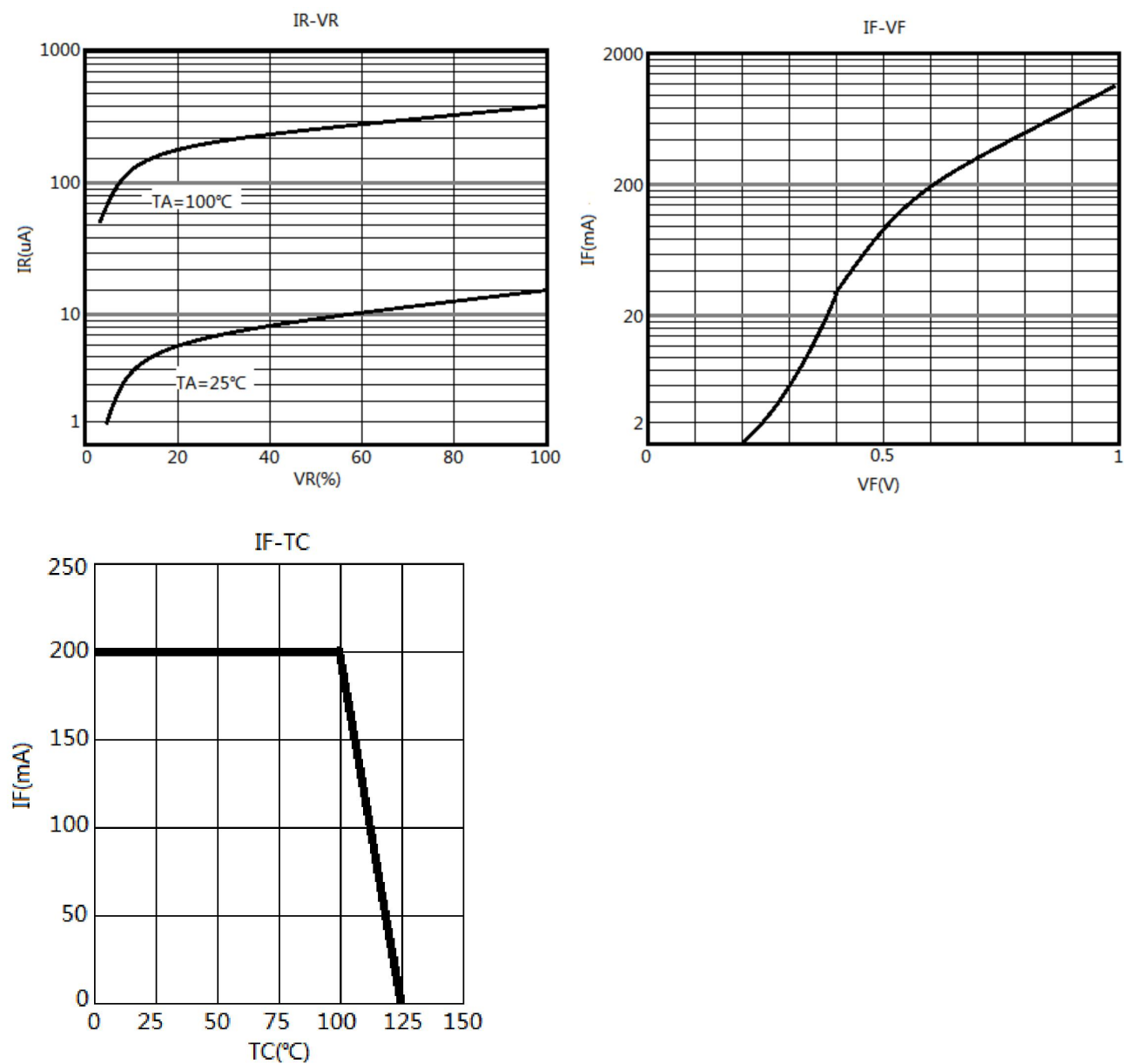
Absolute Maximum Ratings(Ta=25°C)

Parameter	Symbol	Rating	Unit
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	40	V
Maximum RMS voltage	V_{RMS}	28	V
Maximum DC Blocking Voltage	V_{DC}	40	V
Maximum Average Forward Rectified Current Tc=100°C	$I_F (AV)$	1	A
Peak Forward Surge Current 8.3 ms Single Half Sine Wave Superimposed on Rated Load (JEDEC Method)	I_{FSM}	5	A
Operating and Storage Temperature Range	T_J, T_{stg}	-55~+125	°C

Electrical Characteristics(Ta=25°C)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Maximum Instantaneous Forward Voltage	V_F	$I_F=1A$			0.61	V
Maximum DC Reverse Current at Rated DC Blocking Voltage	I_R	Ta=25°C			20	uA
		Ta=100°C			500	uA

Electrical Characteristic Curve



Marking Instructions



Note:

HAA: Product Code

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" x8	180×120×180	390×385×205

Package Outline Dimensions

DFN1006-2L

Unit:mm

