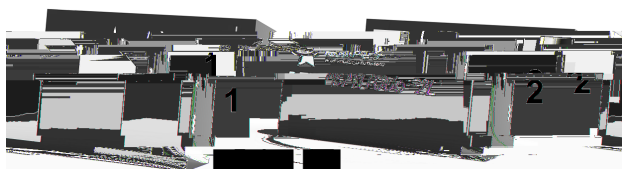
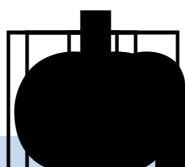


DFN1006-2L Pin-to-Pin Package Schottky Barrier Rectifiers.

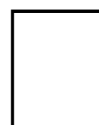
Ultra small footprint, low forward voltage drop, positive pressure drop, can ignore the reverse recovery time, HF Product.

General purpose.



PIN1:Anode PIN2:Cathode

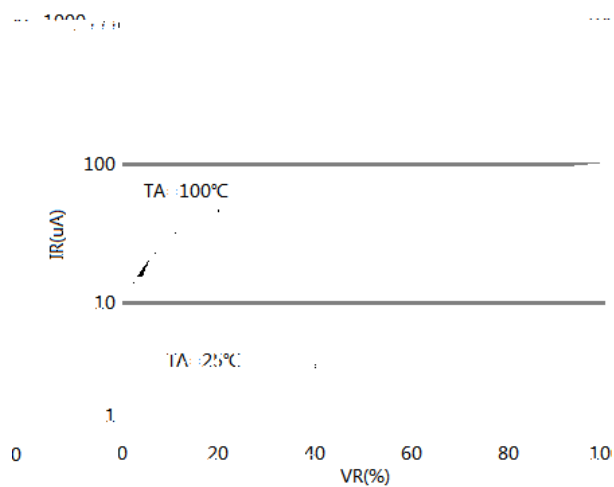
See Marking Instructions.



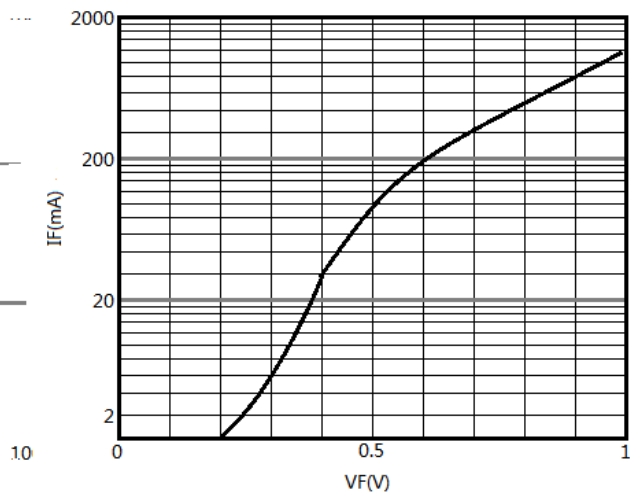
Parameter	Symbol	Rating	Unit
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	40	V
Maximum RMS voltage	V_{RMS}	28	V
Maximum DC Blocking Voltage	V_{DC}	40	V
Maximum Average Forward Rectified Current $T_c=100$	$I_{F\ AV}$	0.2	A
Peak Forward Surge Current 8.3 ms Single Half Sine Wave Superimposed on Rated Load (JEDEC Method)	I_{FSM}	13	A
Operating and Storage Temperature		-55~+125	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Maximum Instantaneous Forward Voltage	V_F	$I_F=0.2A$			0.6	V
Maximum DC Reverse Current at Rated DC Blocking Voltage	I_R	$T_a=25$			5	μA
		$T_a=100$			100	μA

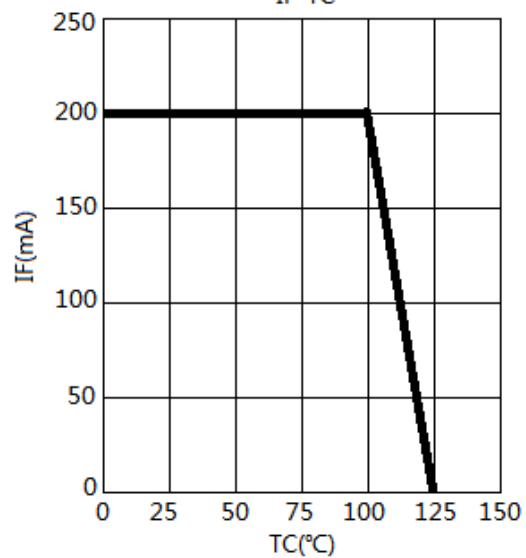
IR-VR

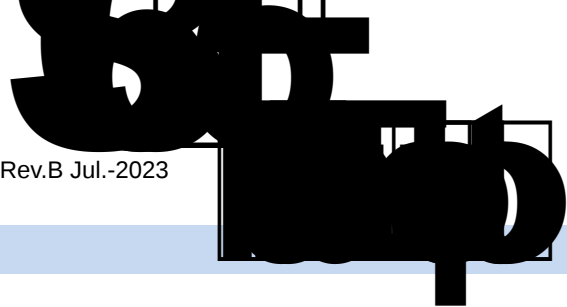


IF-VF



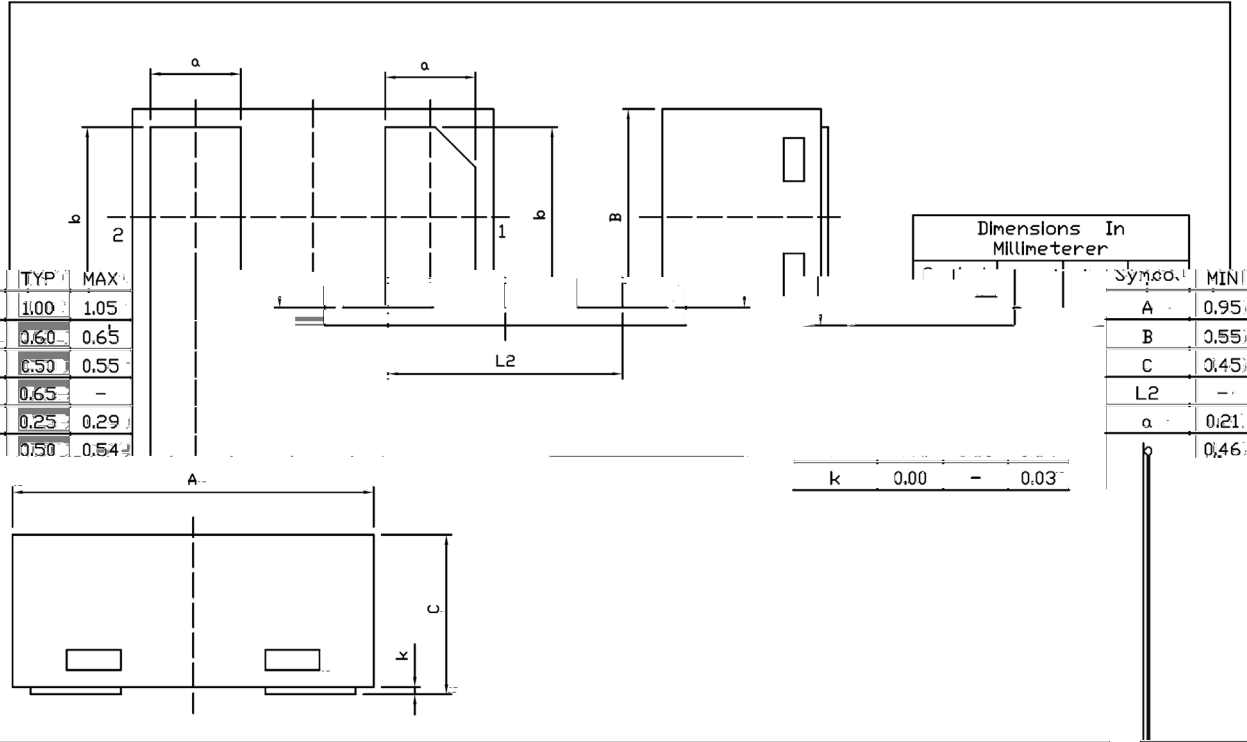
IF-TC





DFN1006-2L

Unit:mm



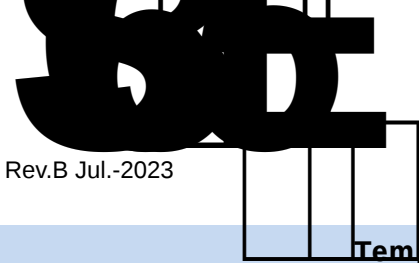
Rev.01 202108

HSD

Note

H: Company Code

SD Product Type



Rev.B Jul.-2023



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. |

