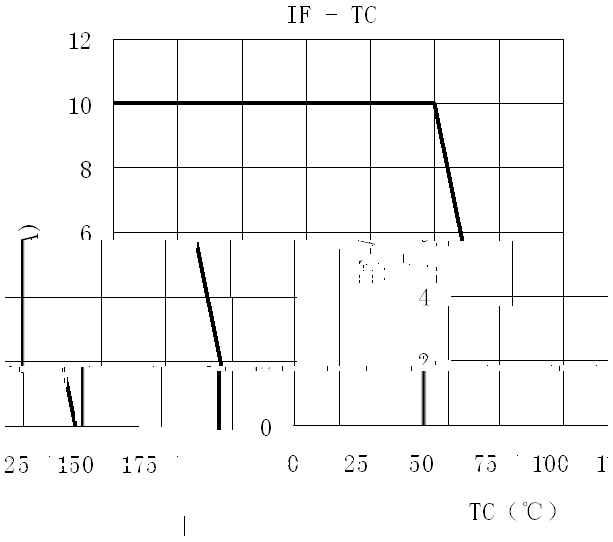
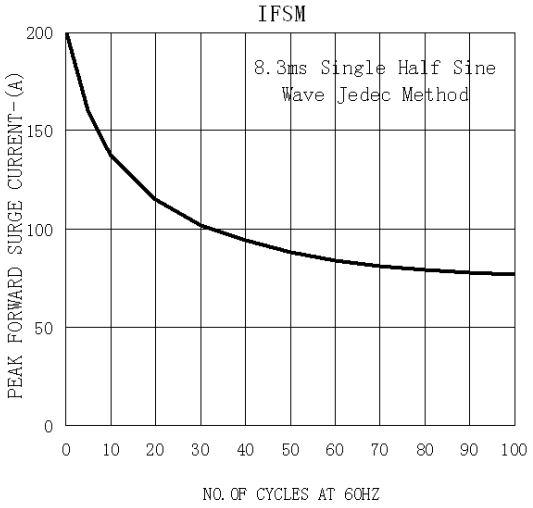
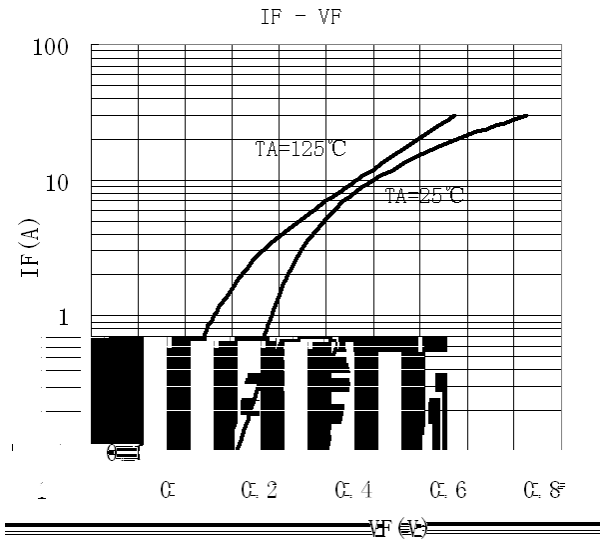
| | | | |
|---|---|---|---|
| | 1 /W | | |
| Junction and Storage Temperature Range | $T_j$ $T_{stg}$ | -55 +150 | |

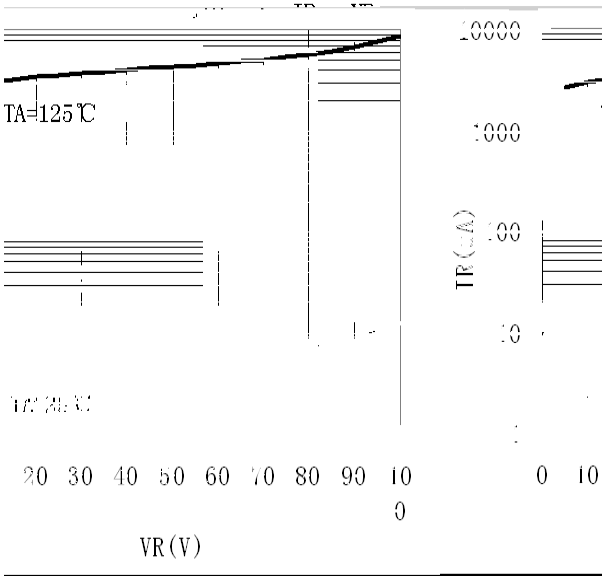
| Parameter | Symbol | Test Conditions | Min | Typ | Max | Unit |
|---|---|---|---|---|---|---|
| Reverse Voltage | $V_{(BR)R}$ I | $_R$=1mA(Ta=25 ) 100 | | | V | |
| Forward Voltage | $V_F$ | $I_F$ =2A(Ta=25 ) | | 0.41 | 0.45 | V |
| | | $I_F$ =10A(Ta=25 ) | 0.58 | 0.65 | V | |
| | | $I_F$ =2A(Ta=125 ) | 0.31 | 0.40 | V | |
| | | $I_F$ =10A(Ta=125 ) | 0.55 | 0.65 | V | |
| Instantaneous Reverse Current | $I_R$ Note 2 | $V_R$=100V(Ta=125 ) | | | | |

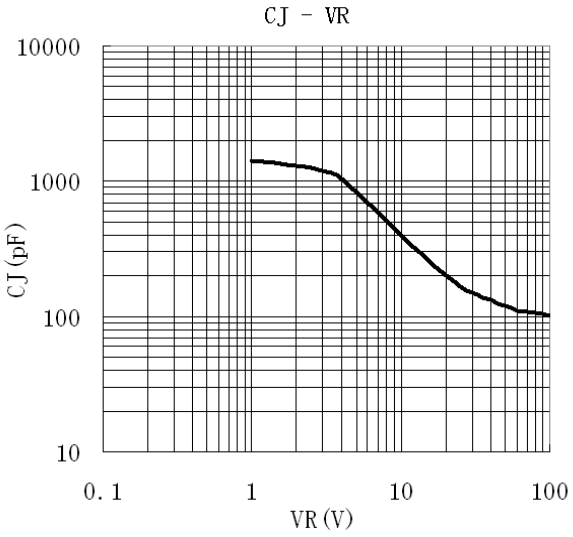
## / Electrical Characteristic Curve



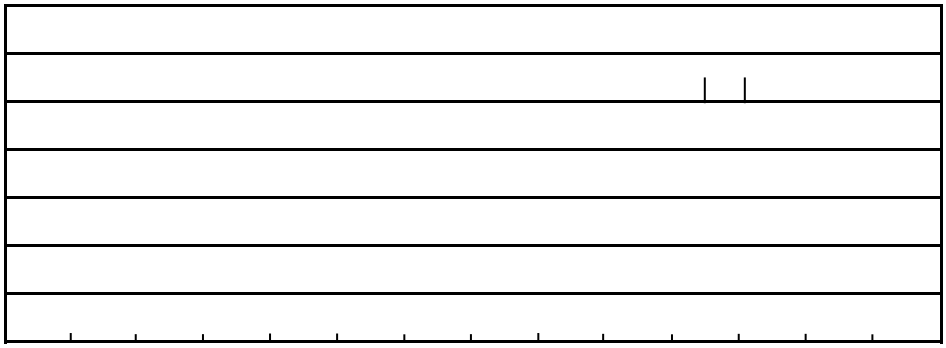



## / Package Dimensions



## ( ) / 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. |

## / Resistance to Soldering Heat Test Conditions

| | | | |
|---|---|---|---|
| 260±5 | 10±1 sec. | Temp.:260±5 | Time:10±1 sec |

## / Packaging SPEC.

/ REEL

| Package Type | Units | | | | | Dimension | | (unit mm³) |
|---|---|---|---|---|---|---|---|---|
| | Units/Reel / | Reels/Inner Box / | Units/Inner Box / | Inner Boxes/Outer Box / | Units/Outer Box / | Reel | Inner Box | Outer Box |
| TO-277 | 5,000 | 3 | 15,000 | 6 | 90,000 | 13 ×12 | 360×360×50 | 380×335×366 |

## / Notices