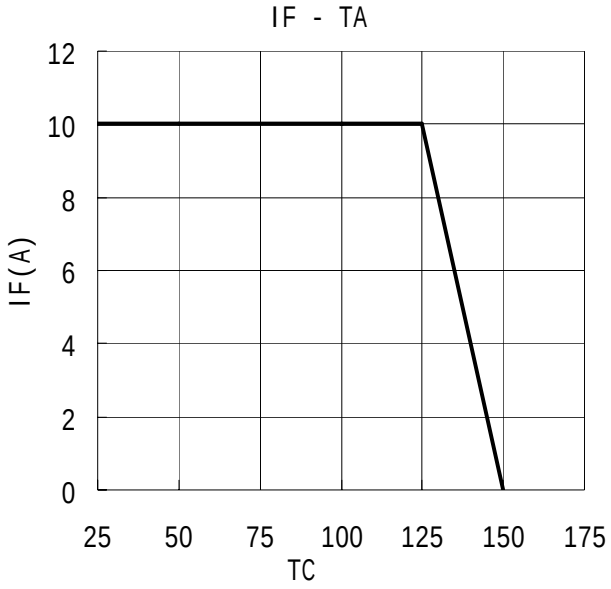
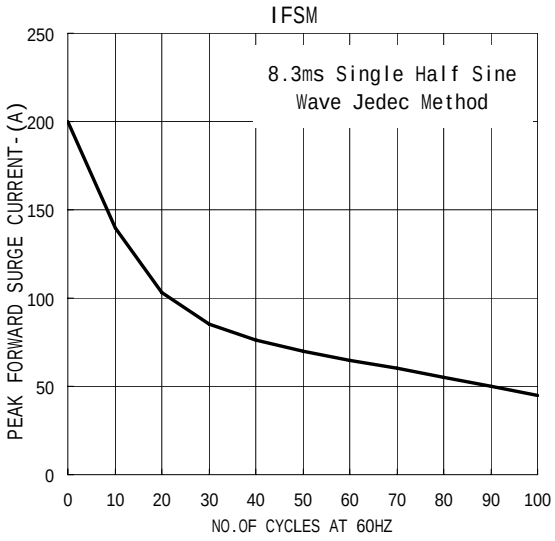
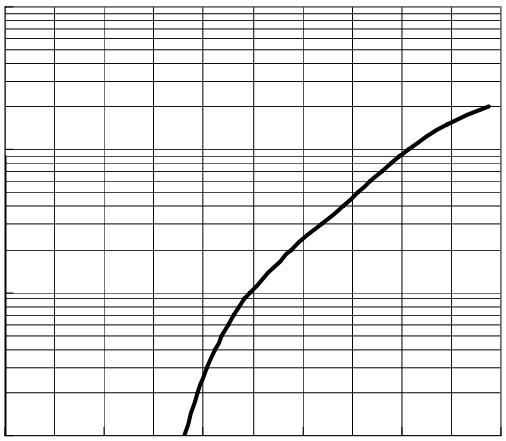
| v ̈Ω̣<br>Parameter | ɬ N<br>Symbol | ̈Ω̣Ö<br>Rating | D Ḫ<br>Unit |
|---|---|---|---|
| Peak Repetitive Reverse Voltage<br>Working Peak Reverse Voltage<br>DC Blocking Voltage | $V_{RM}$<br>$V_{RSM}$<br>$V_{DC}$ | 150 | V |
| RMS Reverse Voltage | $V_{RMS}$ | 105 | V |
| Average forward rectified current | $I_{F(AV)}$ | 1×10 | A |
| Non Repetitive Peak Surge Current | $I_{FSM}$ | 200 | A |
| Thermal Resistance Junction to Case | $R_{\theta Jc}$ | 2.8 | /W |
| Junction and Storage Temperature Range | $T_j$ $T_{stg}$ | -40 +150 | |

| v ̈Ω̣<br>Parameter | ɬ N<br>Symbol | ⊥⊥ ;ˇ ʈ<br>Test Conditions | ω̣ ṇ Ö<br>Min | Ɛ ʒ Ö<br>Typ | ω̣ ʑ Ö<br>Max | D Ḫ<br>Unit |
|---|---|---|---|---|---|---|
| Reverse Voltage | $V_{(BR)R}$ | $I_R$=1mA(Ta=25 ) | 150 | | | V |
| Forward Voltage | $V_F$ | $I_F$ =2A(Ta=25 ) | | 0.58 | | V |
| | | $I_F$ =10A(Ta=25 ) | | 0.81 | 0.85 | V |
| | | $I_F$ =2A(Ta=125 ) | | 0.47 | | V |
| | | $I_F$ =10A(Ta=125 ) | | 0.69 | 75 | V |

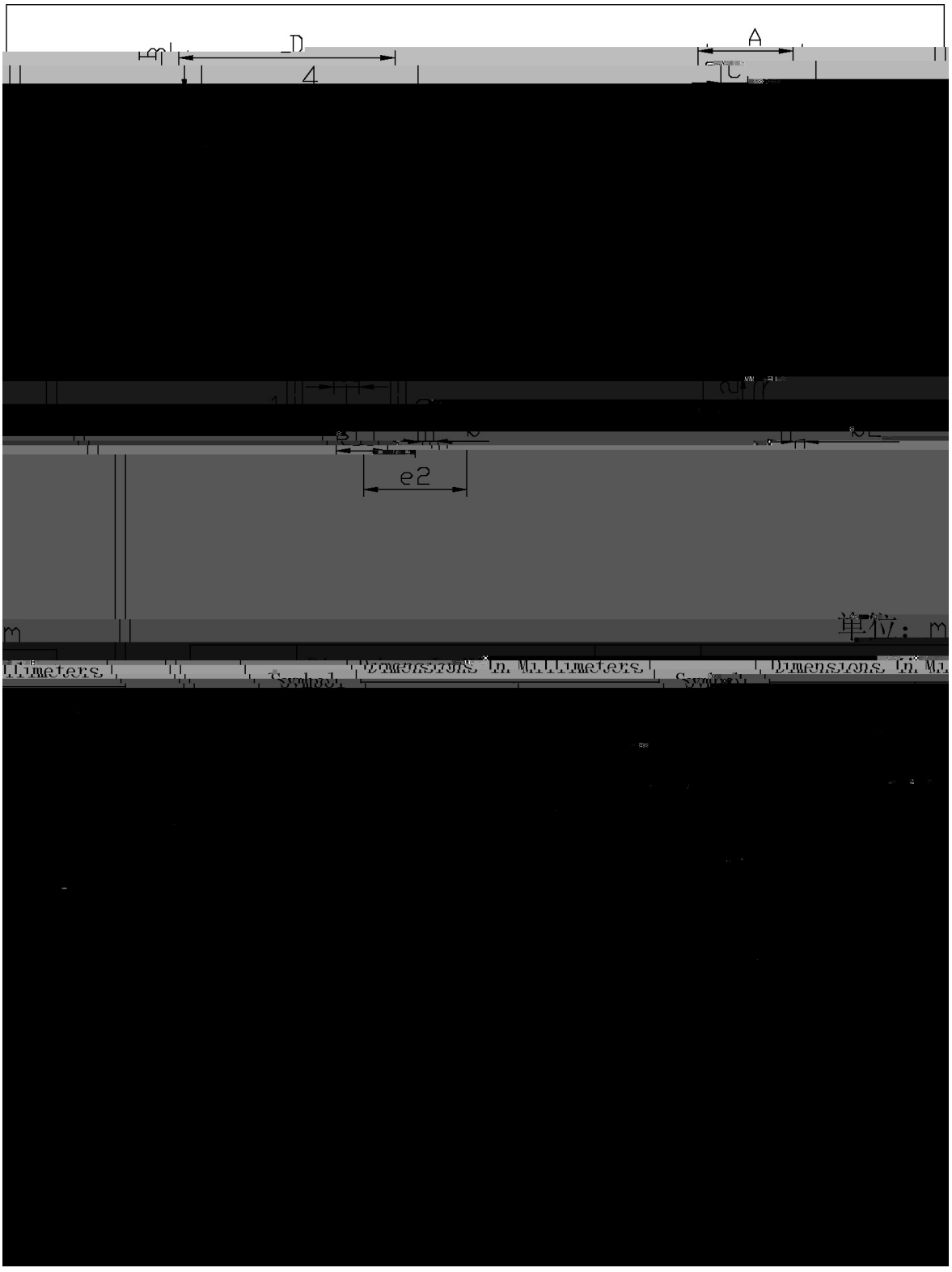
## / Electrical Characteristic Curve



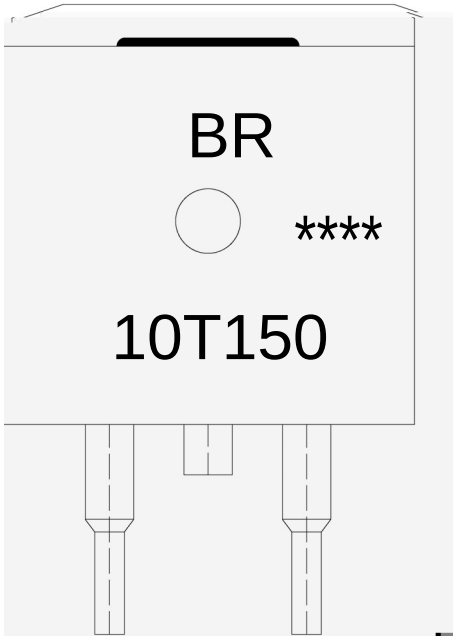



## / Package Dimensions

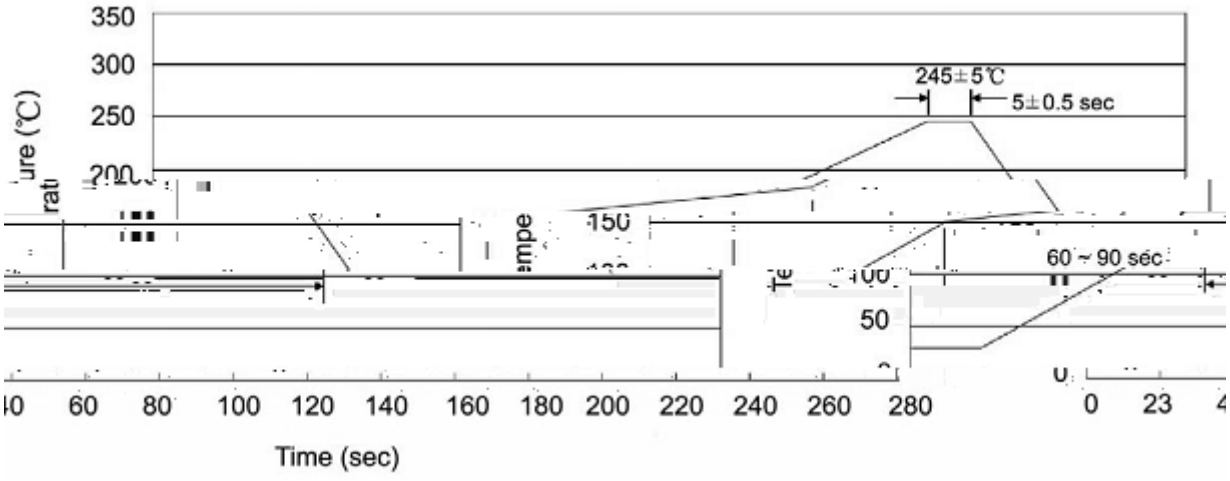


## / Marking Instructions




| | |
|---|---|
| ب ˝ χ | |
| BR χ | ѭ ʒ ᴎ Ɱ |
| 43W483 χ | ѭ ʒ ᴺ Ɱ |
| ---- χ | ѭ ɨ ƒ ŋ̈ ᴺ Ɱ ɪ ɞ ɨ ƒ ŋ̈ ᴺ Ψ ק |
| Note: | |
| BR: | Company Code |
| 10T150 χ | Product Type. |
| ****: | Lot No. Code, code change with Lot No. |

## ( ) /




ب ˝ χ

1 أ ♬ □ ỷ 25 Ḱ 150 ł ı `H ڑ 60 Ḱ 90sec;

2 Š Ö □ ỷ 245 ° 5 ł ı `H ڑ ˙Y ⺈ ⺾ 5 ° 0.5sec;

3 ì ˙ ⺈ ˛ ɔ ھ ỷ ⺾ 2 Ḱ 10 ł /sec.

Note:

1.Preheating:25~150 ł , Time:60~90sec.

2.Peak Temp.:245 ° 5 ł , Duration:5 ° 0.5sec.

3. Cooling Speed: 2~10 ł /sec.

## / Resistance to Soldering Heat Test Conditions

□ ỷ χ 260 ° 5 ł `H ڑ χ 10 ° 1 sec. Temp.:260±5 Time:10±1 sec

## / Packaging SPEC.

ɔ` γ ŁŁ / 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 |
| TO-263 | 800 | 1 | 800 | 5 | 4,000 | 13 ×24 | 360×360×50 | 385×257×392 |

˘ ˥ γ ŁŁ / TUBE

| Package Type | Units | | | | | Dimension (unit mm$^3$) | | |
|---|---|---|---|---|---|---|---|---|
| | Units/Tube / | Tubes/Inner Box / | Units/Inner Box / | Inner Boxes/Outer Box / | Units/Outer Box / | Tube | Inner Box | Outer Box |
| TO-263 | 50 | 20 | 1,000 | 5 | 5,000 | 532×33×7.0 | 555×164×50 | 575×290×180 |

## / Notices