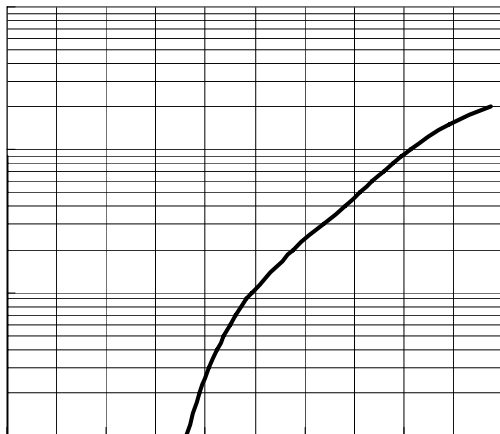
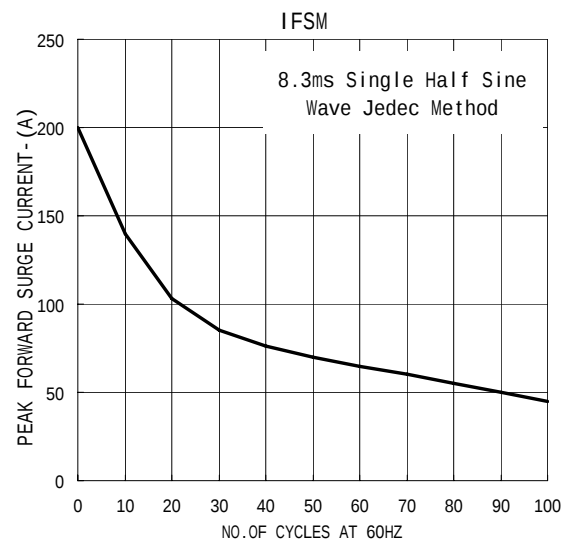
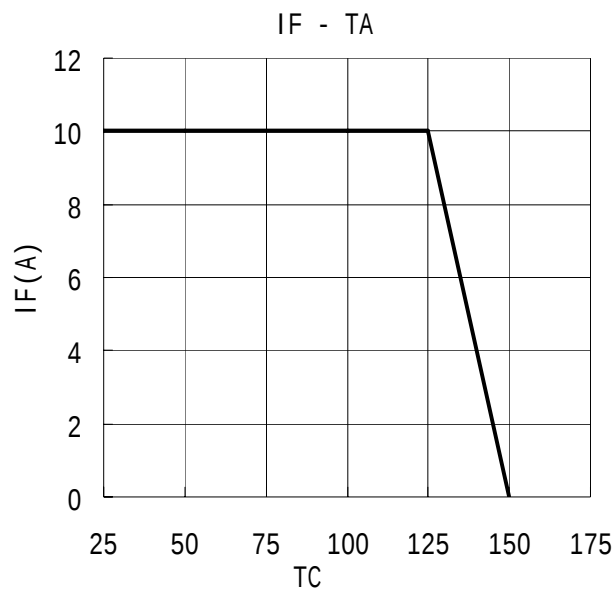


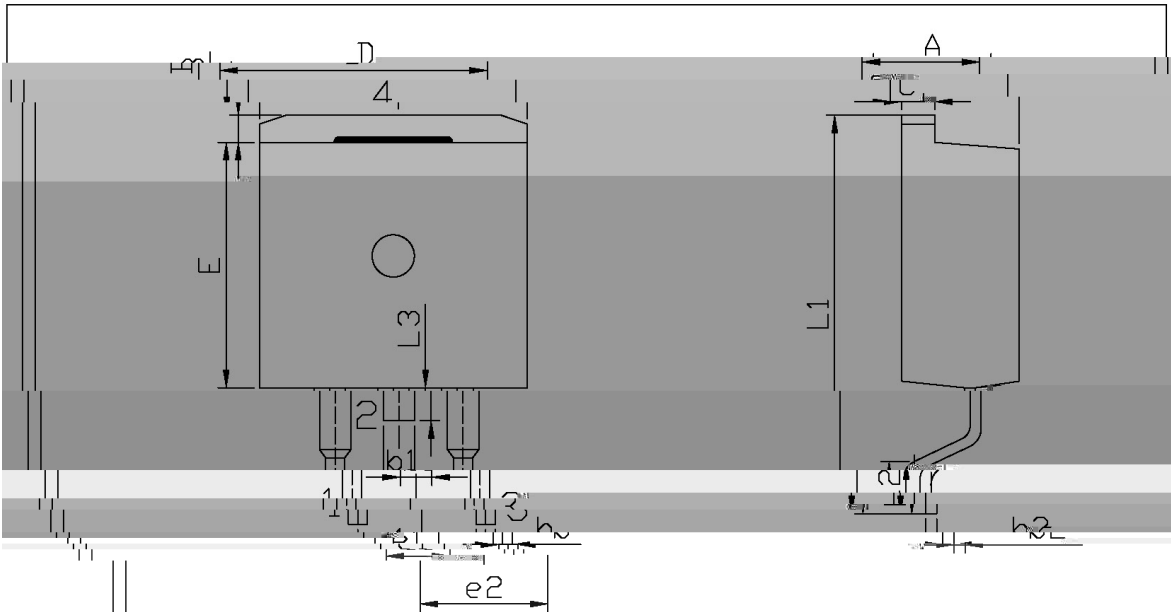
Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	V_{RM} V_{RSM} V_{DC}	150	V
RMS Reverse Voltage	V_{RMS}	105	V
Average forward rectified current	$I_{F(AV)}$	1×10	A
Non Repetitive Peak Surge Current	I_{FSM}	200	A
Thermal Resistance Junction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

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Reverse Voltage	$V_{(BR)R}$	$I_R=1mA(T_a=25^\circ C)$	150			V
Forward Voltage	V_F	$I_F=2A(T_a=25^\circ C)$		0.58		V
		$I_F=10A(T_a=25^\circ C)$		0.81	0.85	V
		$I_F=2A(T_a=125^\circ C)$		0.47		V
		$I_F=10A(T_a=125^\circ C)$		0.69	75	V

/ Electrical Characteristic Curve



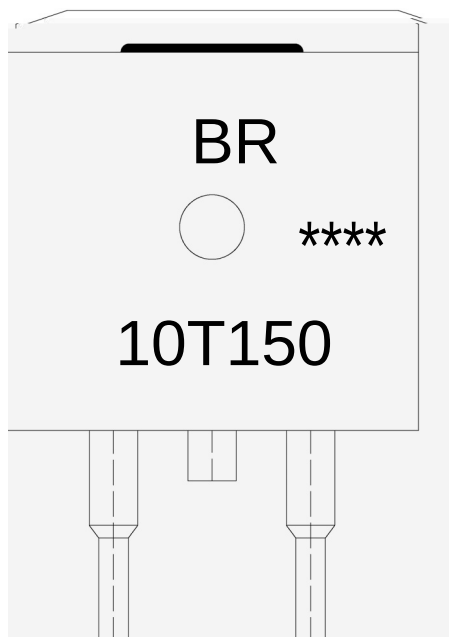
/ Package Dimensions



单位: mm

Dimensions	Symbol	Dimensions in Millimeters	Symbol	Dimensions in Millimeters
Max		Min	Max	Min
9.40	A	4.30	4.70	9.00
	B	1.00	1.40	
	C	0.50	0.80	
	D	4.00	4.40	
	E	0.50	0.80	
	F	0.50	0.80	
	G	0.50	0.80	
	H	0.50	0.80	
	I	0.50	0.80	
	J	0.50	0.80	
	K	0.50	0.80	
	L	0.50	0.80	
	M	0.50	0.80	
	N	0.50	0.80	
	O	0.50	0.80	
	P	0.50	0.80	
	Q	0.50	0.80	
	R	0.50	0.80	
	S	0.50	0.80	
	T	0.50	0.80	
	U	0.50	0.80	
	V	0.50	0.80	
	W	0.50	0.80	
	X	0.50	0.80	
	Y	0.50	0.80	
	Z	0.50	0.80	

/ Marking Instructions



BR

43W483

Note:

BR:

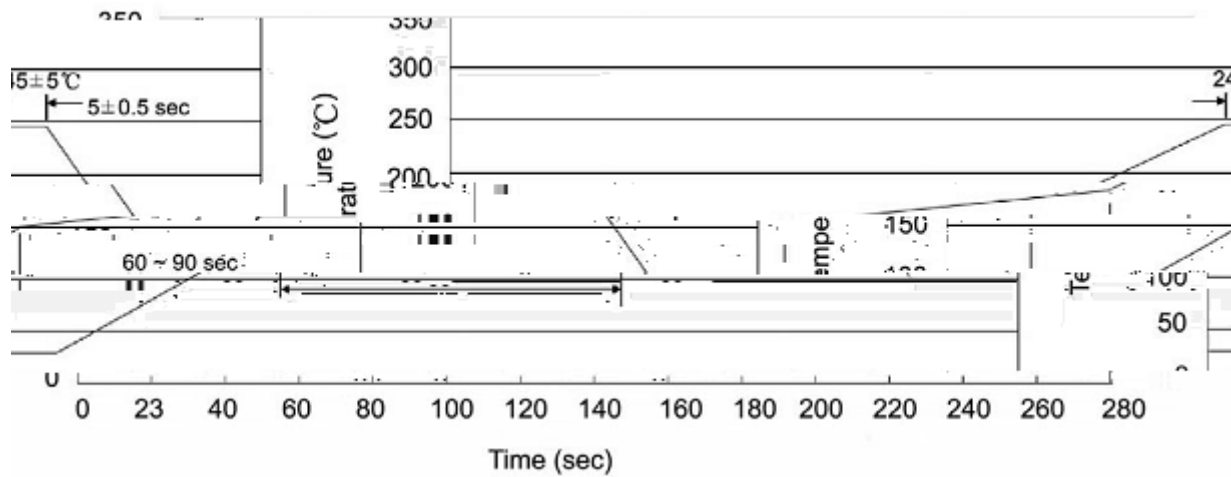
Company Code

10T150

Product Type.

****:

Lot No. Code, code change with Lot No.


() / Temperature Profile for IR Reflow Soldering(Pb-Free)


Note:

- | | | | | | |
|---|-----|----------|----|----------|---|
| 1 | 25 | 150% | 60 | 90sec; | 1.Preheating:25~150%, 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 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

/ 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