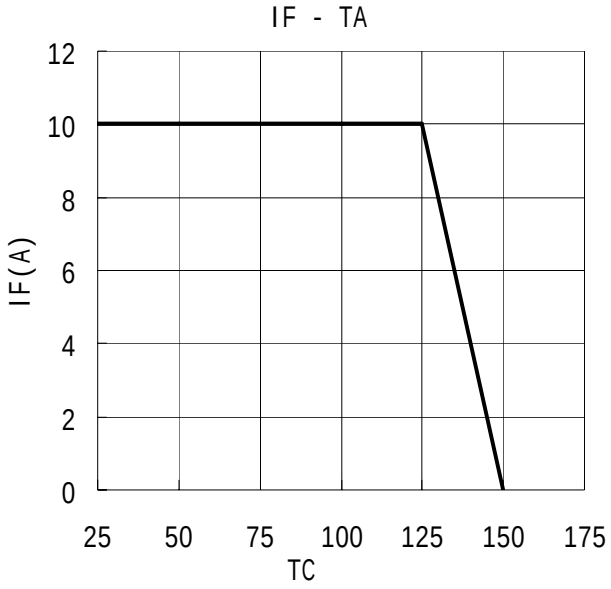
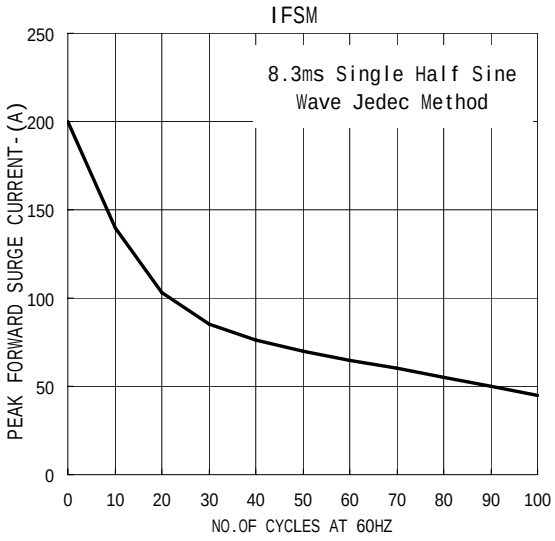
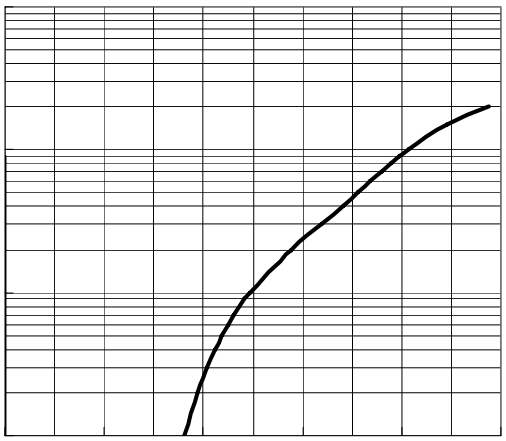
v ̈Ω Parameter	ϒ N Symbol	̈Ω Ö Rating	D Ђ Unit
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	V_{RM} V_{RSM} V_{DC}	150	V
RMS Reverse Voltage	V_{RMS}	105	V
Average forward rectified current	$I_{F(AV)}$	1×10	A
Non Repetitive Peak Surge Current	I_{FSM}	200	A
Thermal Resistance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

v ̈Ω Parameter	ϒ N Symbol	╜ ; ┼ Ţ Test Conditions	ω ṇ Ö Min	Ɛ ʒ Ö Typ	ω ᶻ Ö Max	D Ђ 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

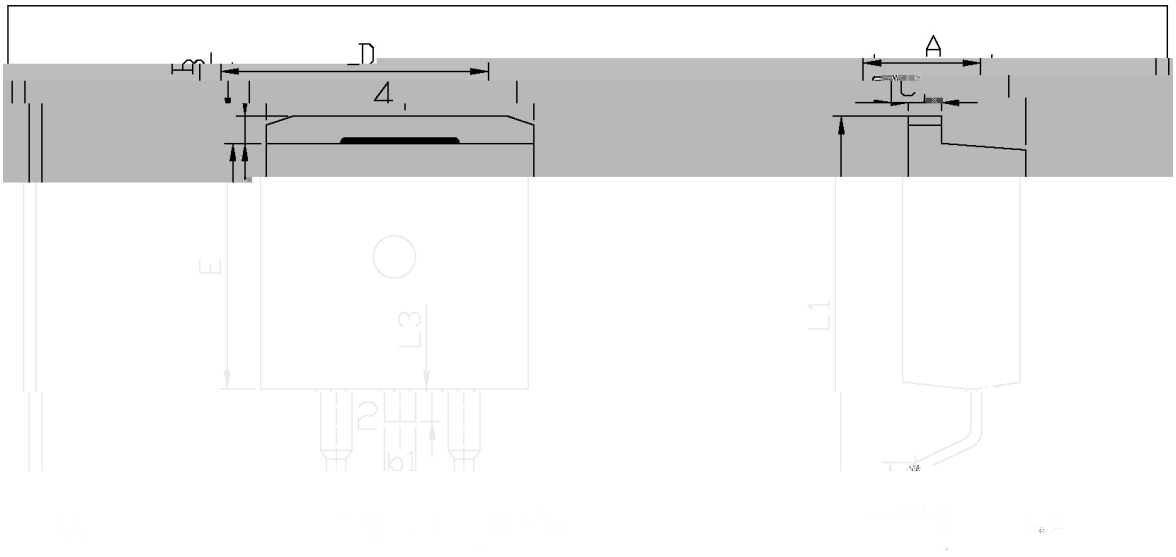
/ Electrical Characteristic Curve







/ Package Dimensions



	Max		Min	Max		Min
	9.40	A	4.30	4.70	E	9.00
	2.74	B	1.00	1.40	e1	2.34
15.00	16.00	b1	1.15	1.35	L1	
2.24	2.84	b2	0.40	0.60	L2	
1.20	1.60	C	1.20	1.40	L3	
		D	9.80	10.20		

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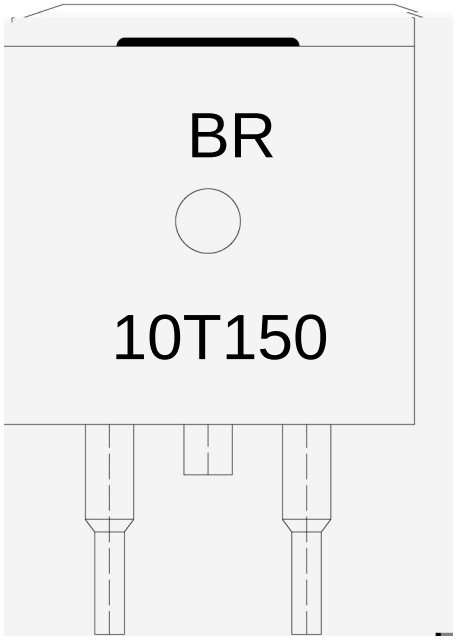
/ Marking Instructions



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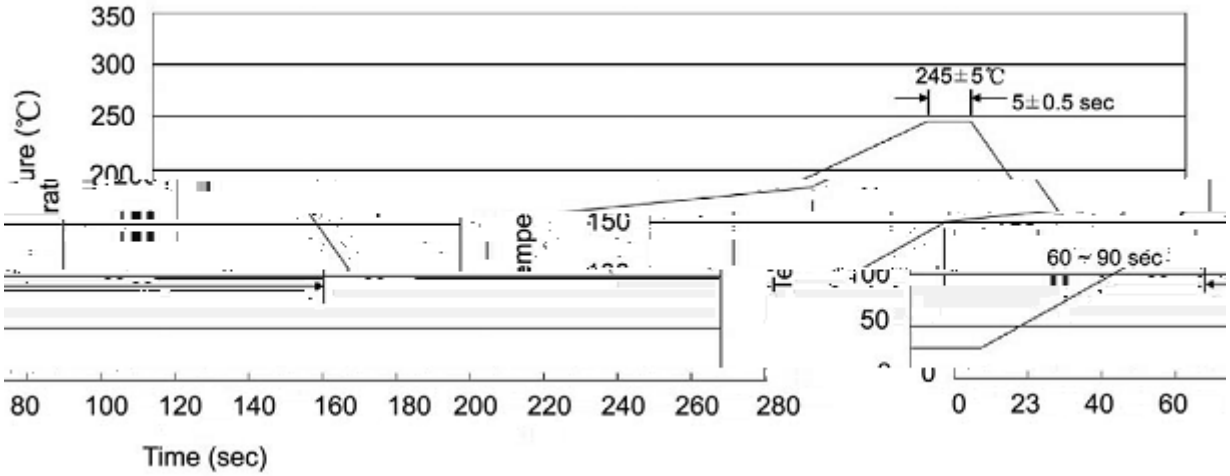
BR χ	ѭ ϗ ͷ Γϧ
43W483 χ	ѭ ϳ ᴺ Γϧ
---- χ	ѭ ɨ ғ ӈ ᴺ Γϧ ɪ ₺ ɨ ғ ӈ ᴺ Ψ ק

Note:

BR:	Company Code
10T150 χ	Product Type.
****:	Lot No. Code, code change with Lot No.

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



ب ˝ χ

1 Ĺ ♬ □ ỷ 25 Ḱ 150 ł ı ˋH ڑ 60 Ḱ 90sec;

2 Š Ë □ ỷ 245 ° 5 ł ı ˋH ڑ ˋY ﾊ ㎞ 5 ° 0.5sec;

3 ì ˙ ｲ ˛ ↄ ﻉ ỷ ㎞ 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	ˋH ڑ χ 10 ° 1 sec.	Temp.:260±5	Time:10±1 sec

/ Packaging SPEC.

ↄ ` ｙ Ł / REEL

Package Type	Units					Dimension		(unit mm³)

˛ ｱ ｙ Ł / TUBE

Package Type	Units					Dimension		(unit mm³)

/ Notices