WR0553 ṂṂ Ŀ ʌ ồ Ỡ ᵻ͡ ǁ ˥

ώ ₫ Ǝ Ặ / Absolute Maximum Ratings(Ta=25 ɹ)

v ̈Ω Parameter	ϒ N Symbol	̈Ω Ö Rating	D Ꮋ Unit
Peak Repetitive Reverse Voltage	V_{RRM}	200	V
RMS Reverse Voltage	V_{RMS}	140	V
DC Blocking Voltage	V_{DC}	200	V
Average Forward Current	I_F	2 × 6	A
Non Repetitive Peak Surge Current	I_{FSM}	100	A
Thermal Resistance Junction to Case	R_{Jc}	2.8	/W
Operating and Storage Temperature Range	T_j T_{stg}	-55 150	

⁄ ∧ Ǝ Ặ / Electrical Characteristics(Ta=25 ɹ)

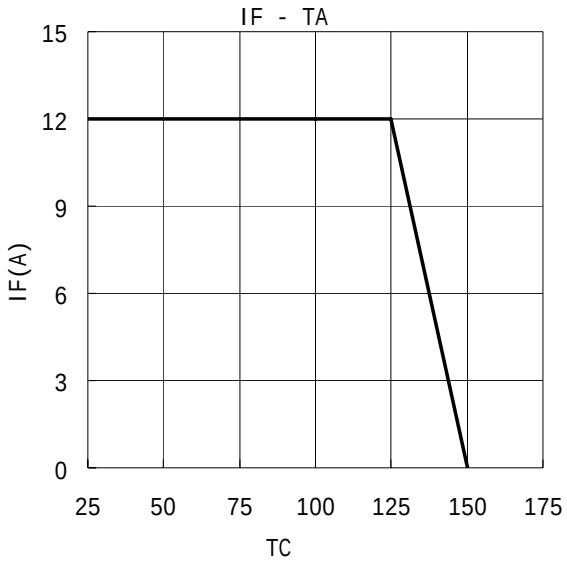
v ̈Ω Parameter	ϒ N Symbol	⅄ ⁝ ţ ţ Test Conditions	ώ ṇ Ö Min	Ɛ ʒ Ö Typ	ώ ᶻ Ö Max	D Ꮋ Unit
Forward Voltage	V_F	I_F=2A Tc=25		0.82		V
		I_F=2A Tc=125		0.68		V
		I_F=6A Tc=25		0.92	1.0	V
		I_F=6A Tc=125		0.82	0.9	V
Instantaneous Reverse Current	I_R Note 1	V_R=200V Ta=25			10	A
		V_R=200V Ta=125			150	A
Reverse Recovery Time	t_{rr}	I_F=0.5A I_R=1.0A I_{RR}=0.25A			35	ns

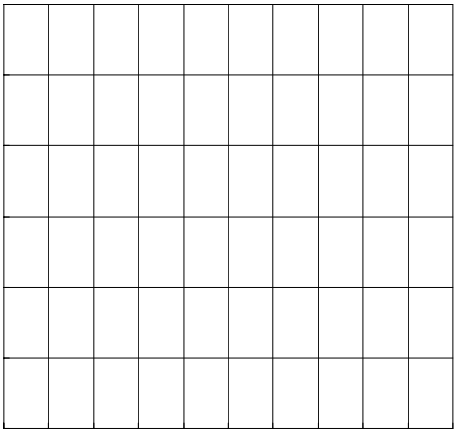
├/Notes

4⁞ Æ ŧ ‖ ˜ ⅄ ⁝ `H ɔ ıΩ ő ¸ ̊ ̊ N̲ₛ ♬ ώ̃ Z̲ /Short duration pulse test used to minimize self-heating effect.

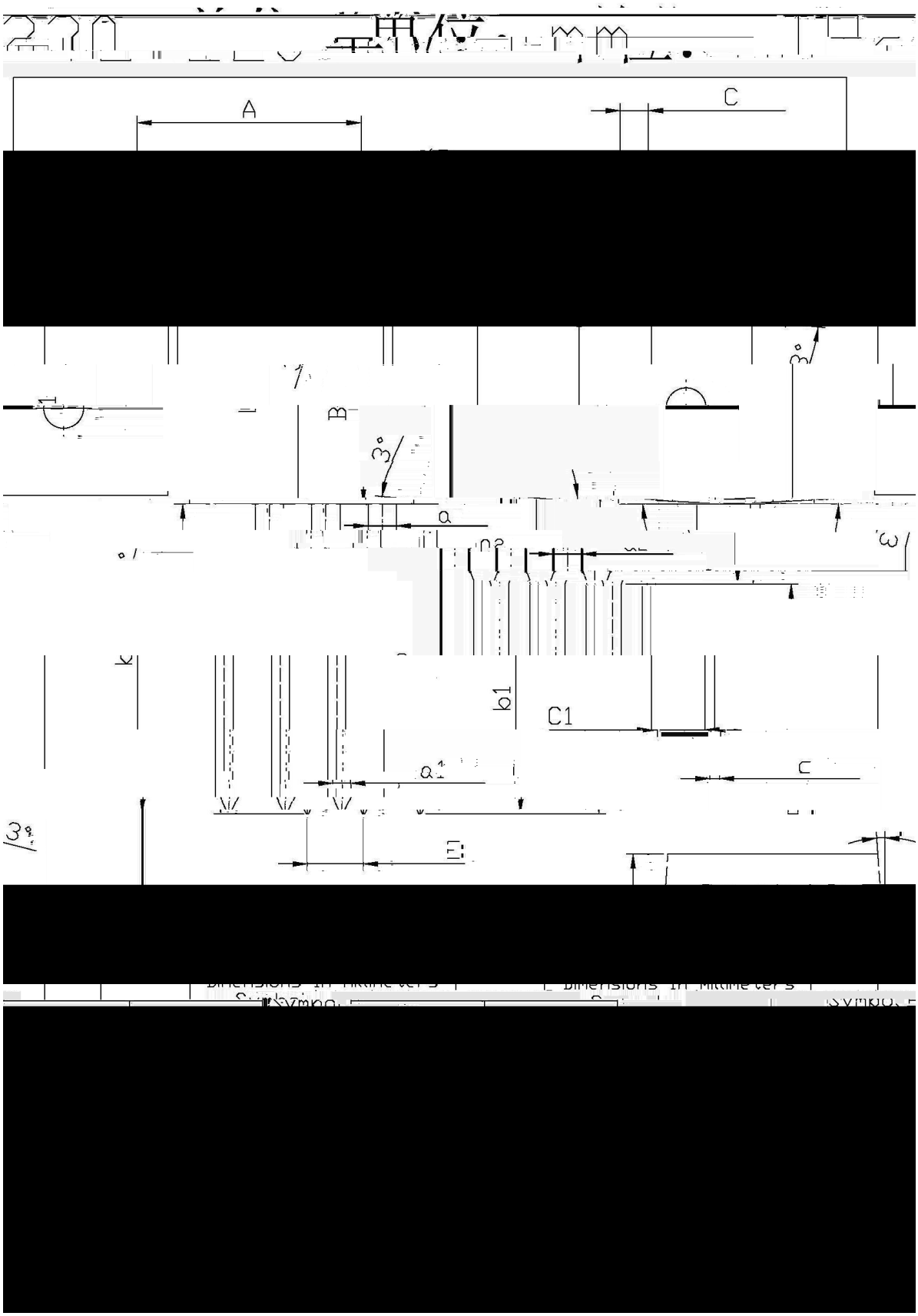
2. ь ̊ ≠ ̣ ├ ˝ ı ̈Ω Ö ₶ Ѧ Ͻⅅ v ̈Ω / Unless otherwise noted, values for the parameters of a single chip

≠ ƎÃ´E Ⅵƒ / Electrical Characteristic Curve

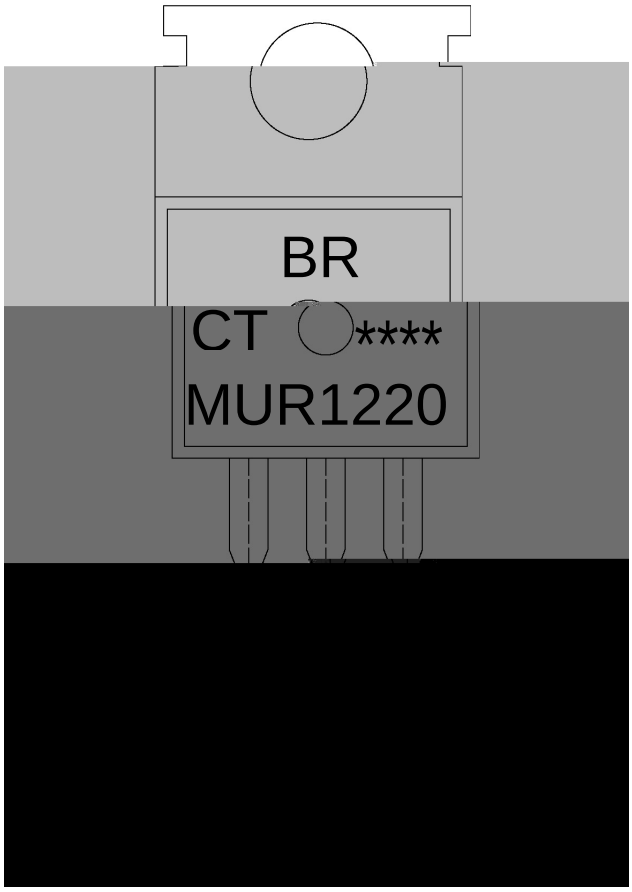




ᵘ ĖÒĻ ƒ / Package Dimensions

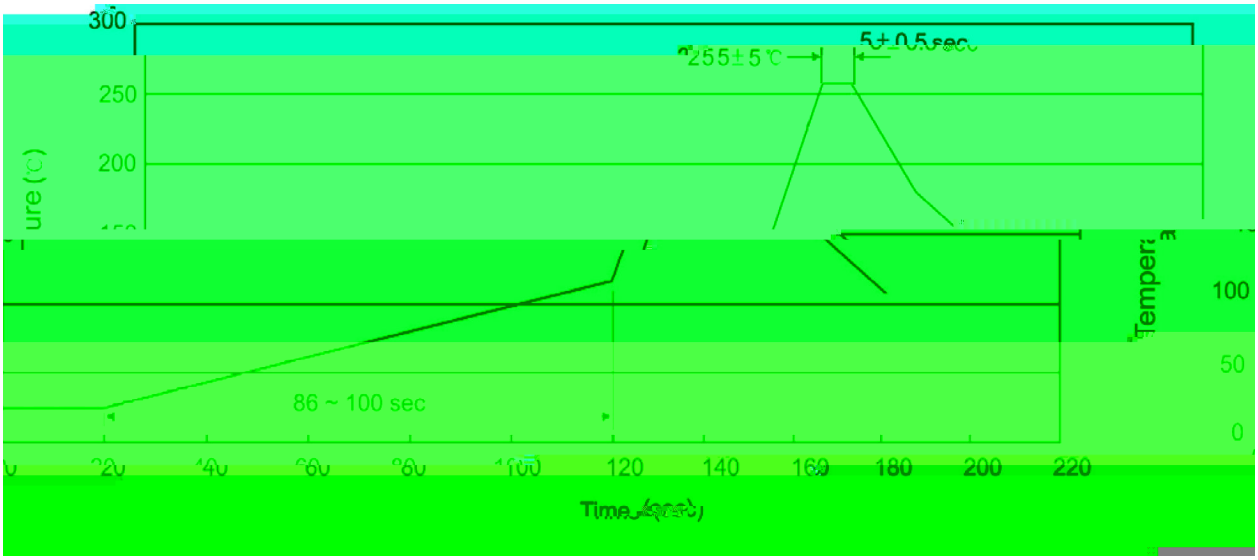


Ł. Ľ˝Ω / Marking Instructions



ب ˝ χ	
EU χ	ѭ ҂ И Ҧ
P XU4553 χ	ѭ ғ β ʒ N
FW=	ѭ ŋ ѱ ˩ ‗
---- χ	ѭ ɨ ғ ŋ̈ N Ҧ ɩ ҂ ɨ ғ ŋ̈ N Ψ ק
Note:	
BR:	Company Code
MUR1220 χ	Product Type.
CT:	Internal Structure
****:	Lot No. Code, code change with Lot No.

↓ ṣ ╗ ẘ ´E ⅵ ƒ (ᾠ ᾰ) / Temperature Profile for Dip Soldering(Pb-Free)



ب ˝ χ

1 ⅰ ♬ □ ỷ 25 Ḱ 150 ⅎ ı `H ⅄ 60 Ḱ 90sec;

2 Š Ö □ ỷ 255 ° 5 ⅎ ı `H ⅄ ˋY ⅄ ⅉ 5 ° 0.5sec;

3 ì ˙ ⅂ ˛ ɔ ⅏ ỷ ⅉ 2 Ḱ 10 ⅎ /sec.

Note:

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

2.Peak Temp.:255 ° 5 ⅎ , Duration:5 ° 0.5sec.

3. Cooling Speed: 2~10 ⅎ /sec.

⅃ ϋ ɋ ˝ `Y Ţ / Resistance to Soldering Heat Test Conditions

□ ỷ χ 270 ° 5 ⅎ `H ⅄ χ 10 ° 1 sec. Temp.:270±5 Time:10±1 sec

ɒ ⊢ ⊀— / Packaging SPEC.

ˋΩ ţ ɣ ⊢ / BULK

Package Type	Units					Dimension (unit mm³)		
	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag	Inner Box	Outer Box
TO-220/F	200	10	2,000	5	10,000	135×190	237×172×102	560×245×195

˘ ˥ ɣ ⊢ / TUBE

Package Type	Units	Dimension (unit mm³)
	Units/TubeT T /	