WR0553 ṂṂ Ŀ ʌ ồ Ở ᵸ ‖ ㄱ

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)

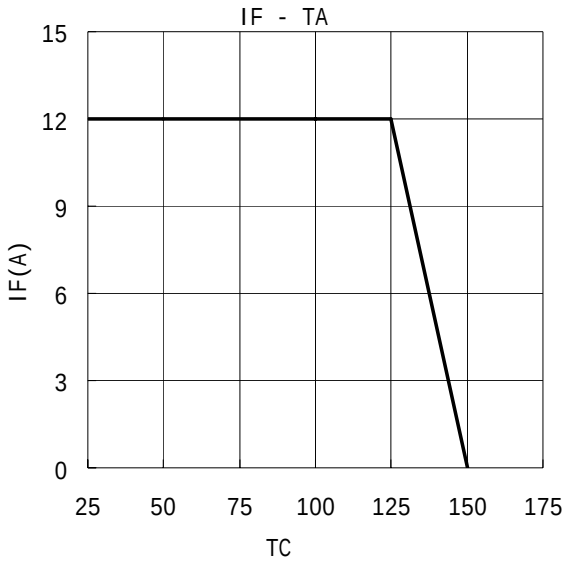
v ̈Ω Parameter	ϒ N Symbol	⅄ ⁝ ţ ţ Test Conditions	ώ ṇ Ö Min	Ɛ ʒ Ö Typ	ώ ᶻ Ö Max	D Ꮋ Unit
Forward Voltage	V_F	I_F=2A Tc=25		0.82		V
		I_F=2A Tc=125		0.68		V
		I_F=6A Tc=25		0.92	1.0	V
		I_F=6A Tc=125		0.82	0.9	V
Instantaneous Reverse Current	I_R Note 1	V_R=200V Ta=25			10	A
		V_R=200V Ta=125			150	A
Reverse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

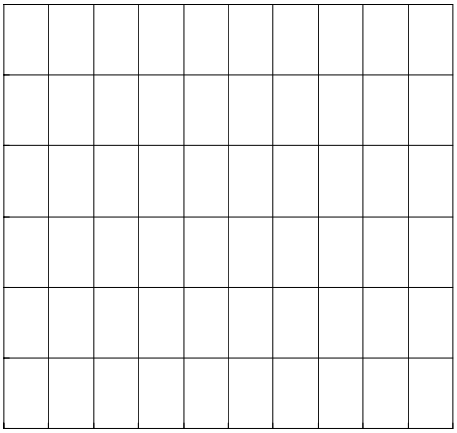
├/Notes

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

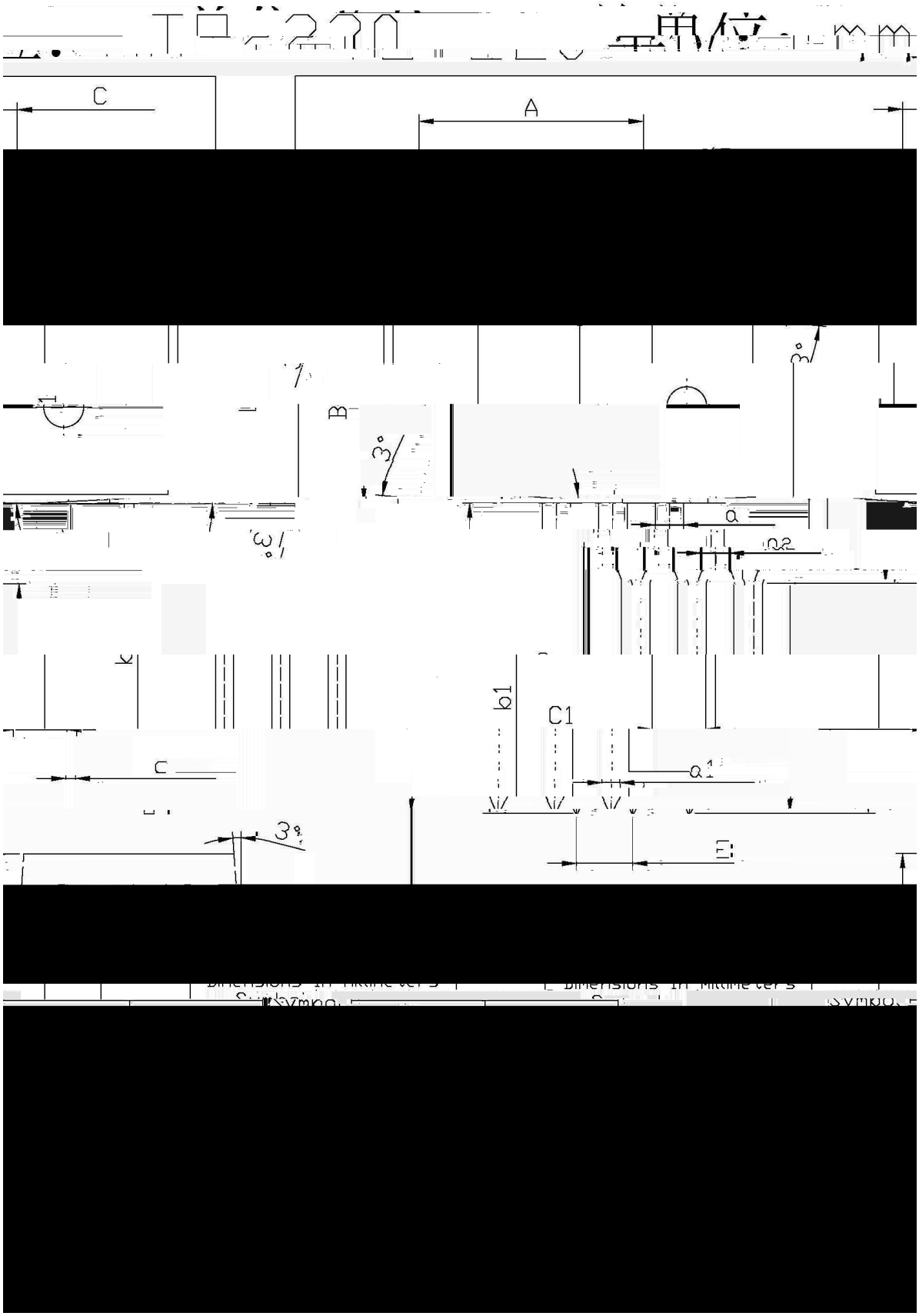
2. ь ̊ ≠ ̣ ├ ˝ ı ̈Ω Ö ₶ Ѧ Ͻⅅ v ̈Ω / Unless otherwise noted, values for the parameters of a single chip

≠ Ǝ ̃Ą´E ∀ ƒ / Electrical Characteristic Curve

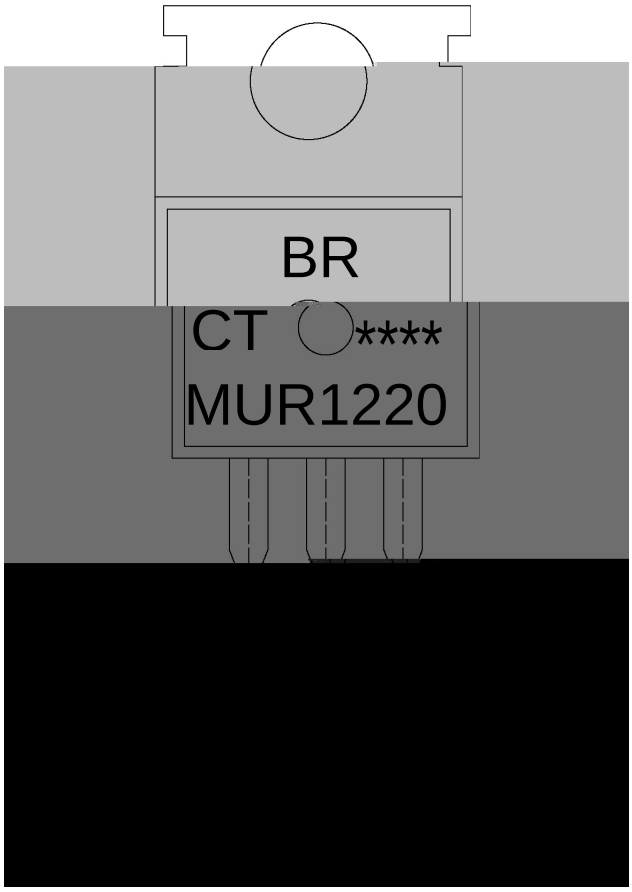




ᵘ ĖÒĻ ƒ / Package Dimensions



ł. Ļ"Ω / Marking Instructions



ِ ˝ χ	
EU χ	ѭ ϛ и Ґђ
P XU4553 χ	ѭ ғ β ʒ ɴ
FW=	ѭ ɲ ԉh ɹ ⎯
---- χ	ѭ ɨ ғ ӈ ɴ Ґђ ɪ ɕ ɨ ғ ӈ ɴ Ψ ק
Note:	
BR:	Company Code
MUR1220 χ	Product Type.
CT:	Internal Structure
****:	Lot No. Code, code change with Lot No.

↓ ş ╕ẘ´E ᛋ ƒ (ᾠ ᴈ) / Temperature Profile for Dip Soldering(Pb-Free)



ب ˝ χ

1 Ĺ ♬ □ ẙ 25 Ḱ 150 ɬ ı `H ڑ 60 Ḱ 90sec;

2 Š Ө □ ẙ 255 ° 5 ɬ ı `H ڑ `Y ᛨ ᚙ 5 ° 0.5sec;

3 ì ˙ ᛋ ˛ ɔ ѡ ẙ ᚙ 2 Ḱ 10 ɬ /sec.

Note:

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

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

3. Cooling Speed: 2~10 ɬ /sec.

ᛨ ŭ ɋ ˉ `Y Ţ / Resistance to Soldering Heat Test Conditions

□ ẙ χ 270 ° 5 ɬ	`H ڑ χ 10 ° 1 sec.	Temp.:270±5	Time:10±1 sec

ɒ Ŀ ᦉ — / Packaging SPEC.

¨Ọ ţ ɣ Ŀ / 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

˛ ᛚ ɣ Ŀ / TUBE

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