Rev.A Apr.-2016

v ̈Ω̣ Parameter	˧ N Symbol	̈Ω̣Ö Rating	D Ӈ Unit
Peak Repetitive Reverse Voltage	V_{RRM}	1000	V
Maximum RMS Voltage	V_{RMS}	700	V
Maximum DC Blocking Voltage	V_{DC}	1000	V
Maximum Average Forward Current	$I_{(AV)}$	35	A
Peak forward surge current	I_{FSM}	400	A
I2t Rating for Fusing (t<8.3ms)	I2t	510	A2s
Typical Junction Capacitance(Note1)	CJ	85	pF
Typical Thermal Resistance (Note2)	$R_{\theta Jc}$	0.6	/W
Junction Temperature Range	T_j	150	
Storage Temperature Range	T_{stg}	-55˙ 150	

NOTE:

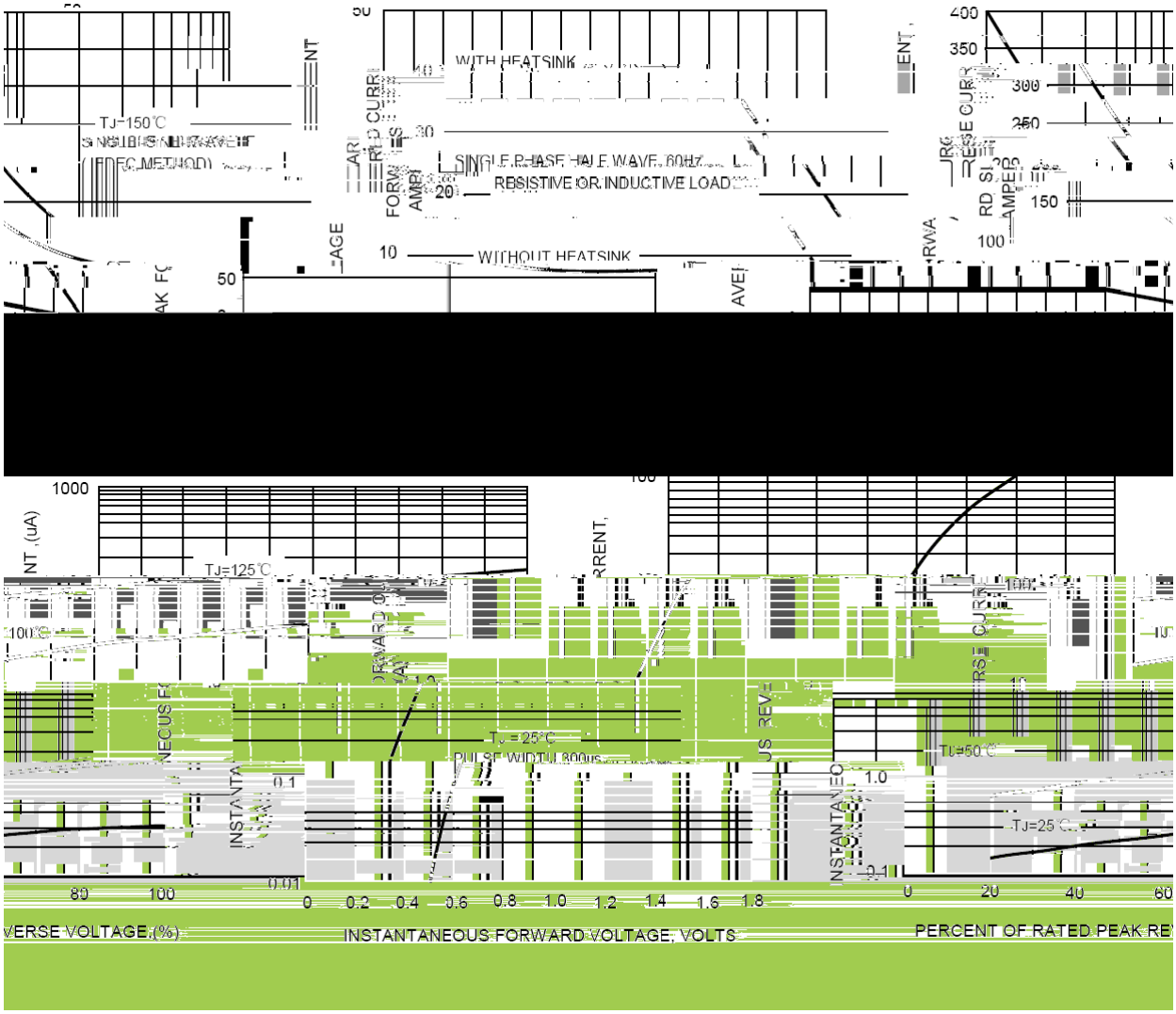
1.Measured at 1.0MHz and applied reverse voltage of 4.0V DC.

2.Device mounted on 300mm*300mm*1.6mm cu plate heatsink.

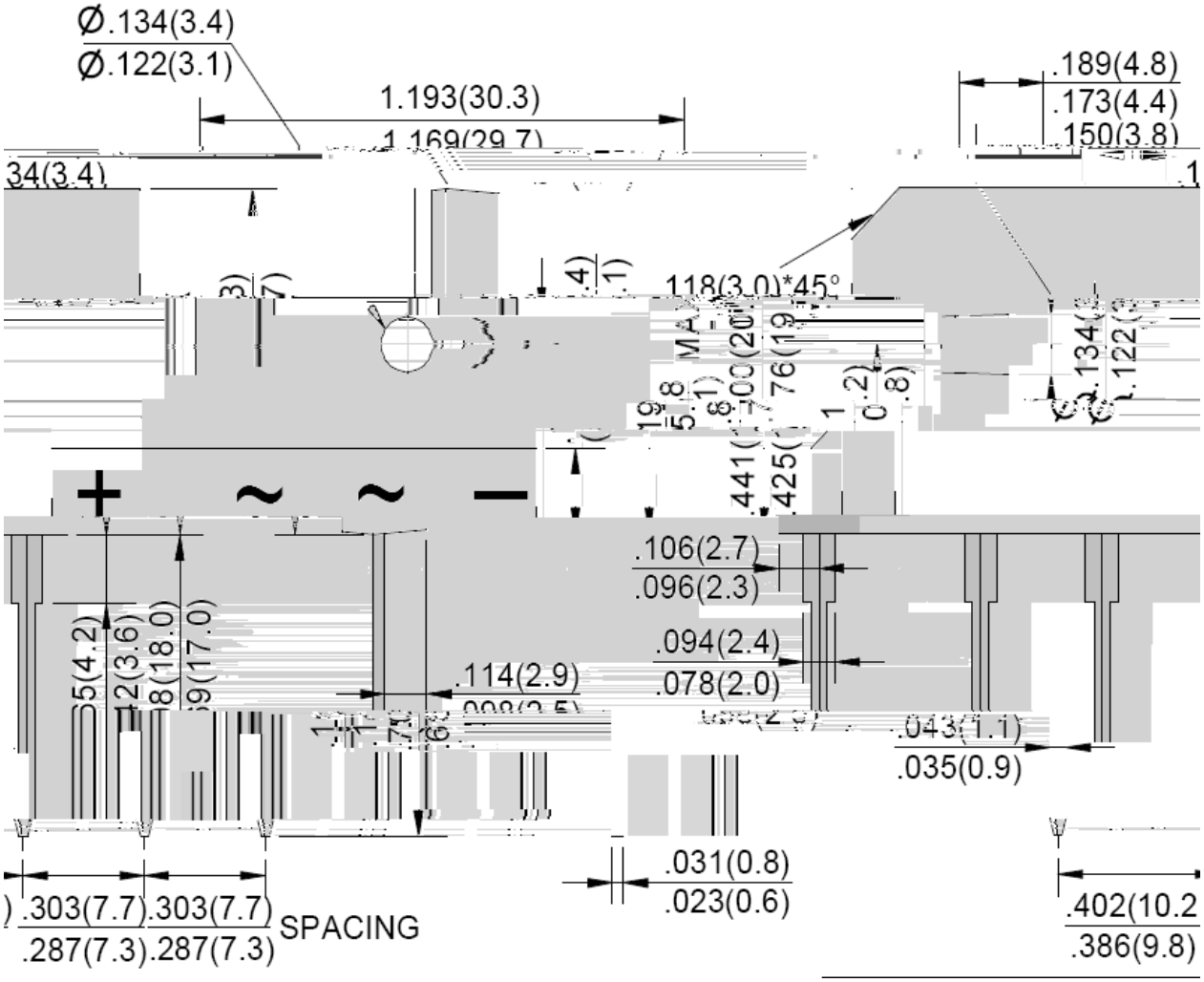
v ̈Ω̣ Parameter	˧ N Symbol	⊥⊥ ؛ ˣ ̄ Ţ Test Conditions	ω̣ ṇ Ö Min	Ɛ ʒ Ö Typ	ω̣ ᶻ Ö Max	D Ӈ Unit
Reverse Voltage	V_R	I R				

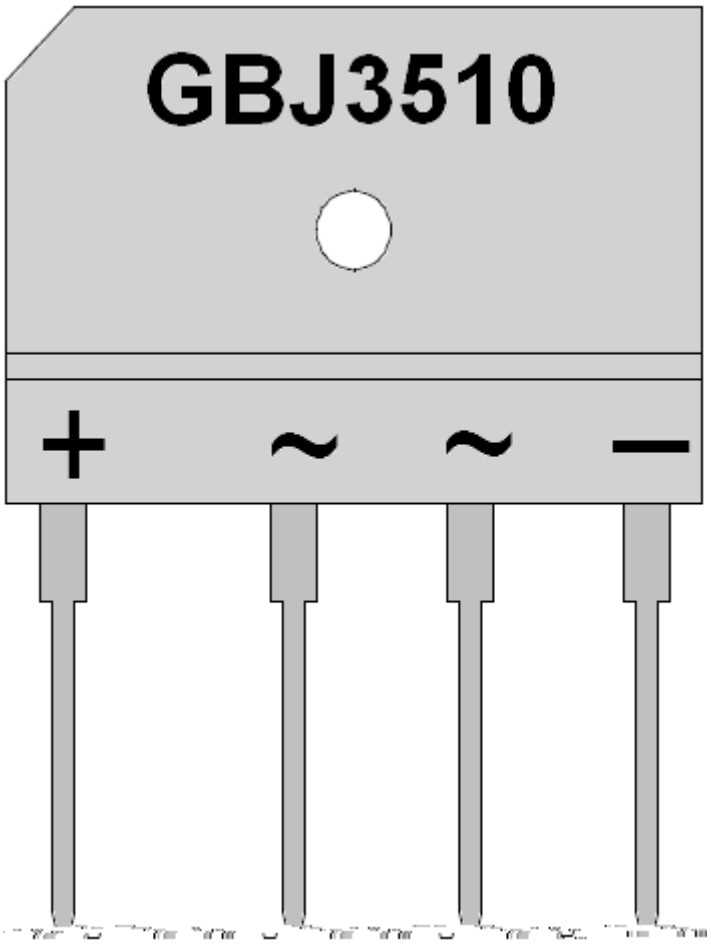
FIG.1-FORWARD CURRENT DERATING CURVE

FIG.2-MAXMUN NON-REPETITIVE SURGE CURRENT



GBJ


Ø.134(3.4)
Ø.122(3.1)
1.193(30.3)
.189(4.8)
.173(4.4)
.150(3.8)
118(3.0)*45°
.106(2.7)
.096(2.3)
.094(2.4)
.078(2.0)
.114(2.9)
.043(1.1)
.035(0.9)
.031(0.8)
.023(0.6)
.303(7.7).303(7.7)
.287(7.3).287(7.3)
SPACING
.402(10.2
.386(9.8)



ب ˝ χ

GBJ3510 χ ғ β ʒ N

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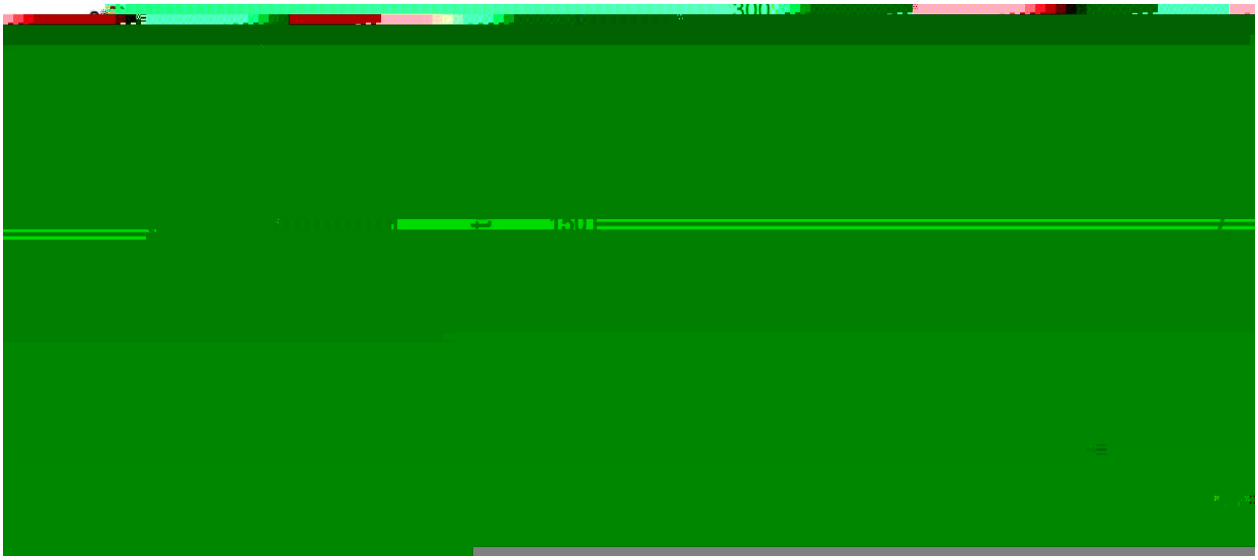

ب ˝ χ

1 ǂ ♬ □ ỷ 25 Ḱ 150 ɬ ı ˋH ڑ 60 Ḱ 90sec;

2 Š Ö □ ỷ 255 ° 5 ɬ ı ˋH ڑ ˋY ⺈ ⺮ 5 ° 0.5sec;

3 ì ˙ ⺈ ˛ ɔ ھ ỷ ⺮ 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.

□ ỷ χ 270 ° 5 ɬ ˋH ڑ χ 10 ° 1 sec. Temp.:270±5 Time:10±1 sec

ˋΩ̣ τ̣ γ ⊢ / BULK

Package Type	Units					Dimension (unit mm^3)		
	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag	Inner Box	Outer Box
GBJ	-	-	250	8	2000	-	315×135×48	330×285×215

˝ ⺈ γ ⊢ / 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
GBJ	15	40	600	2	1200	471×42×10	500×190×105	525×210×245