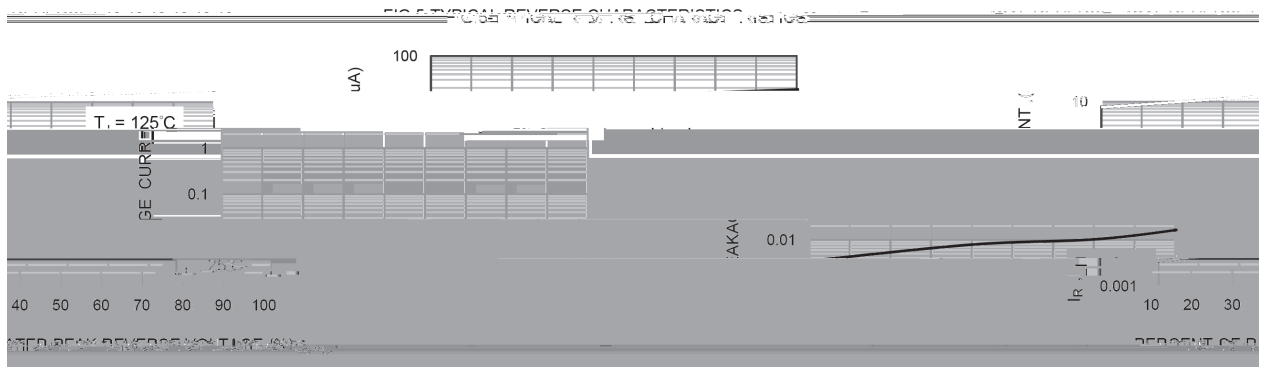
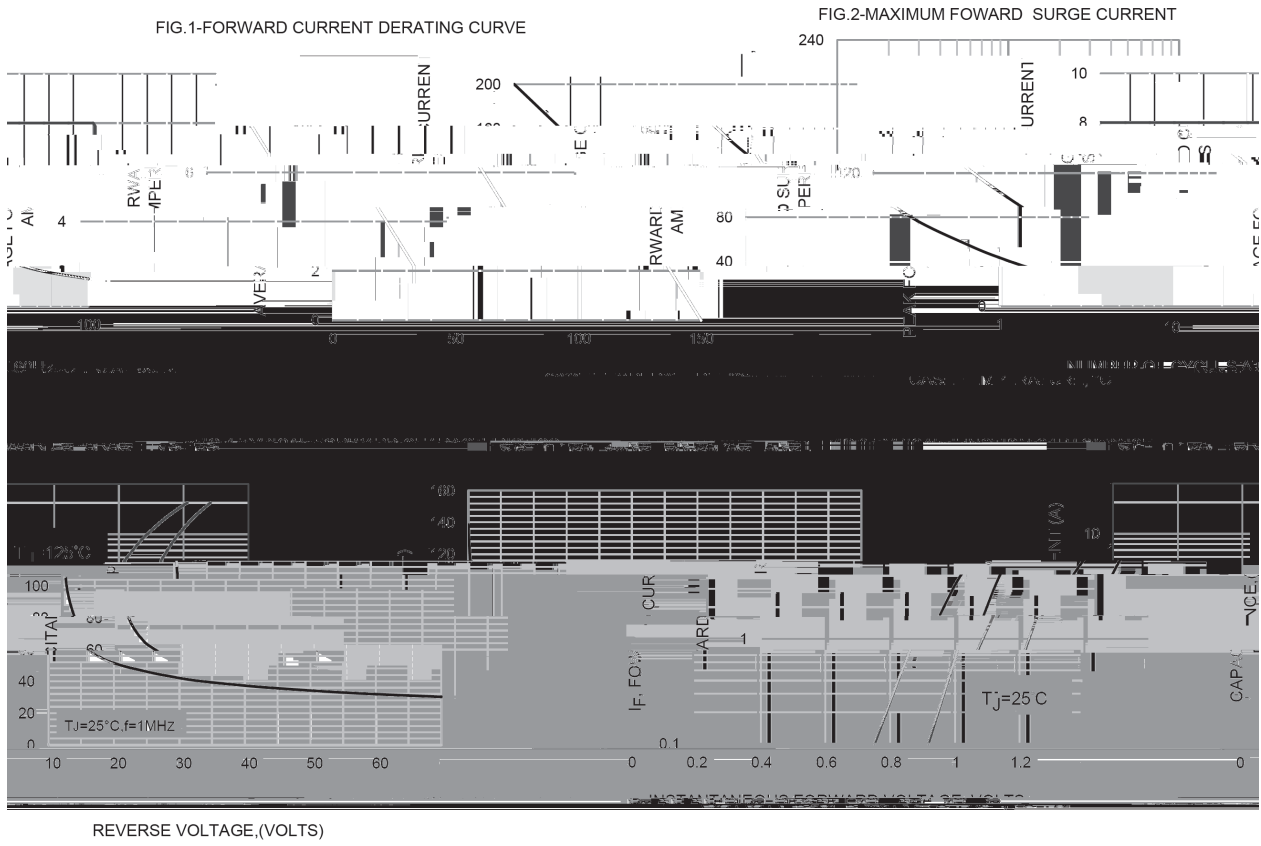
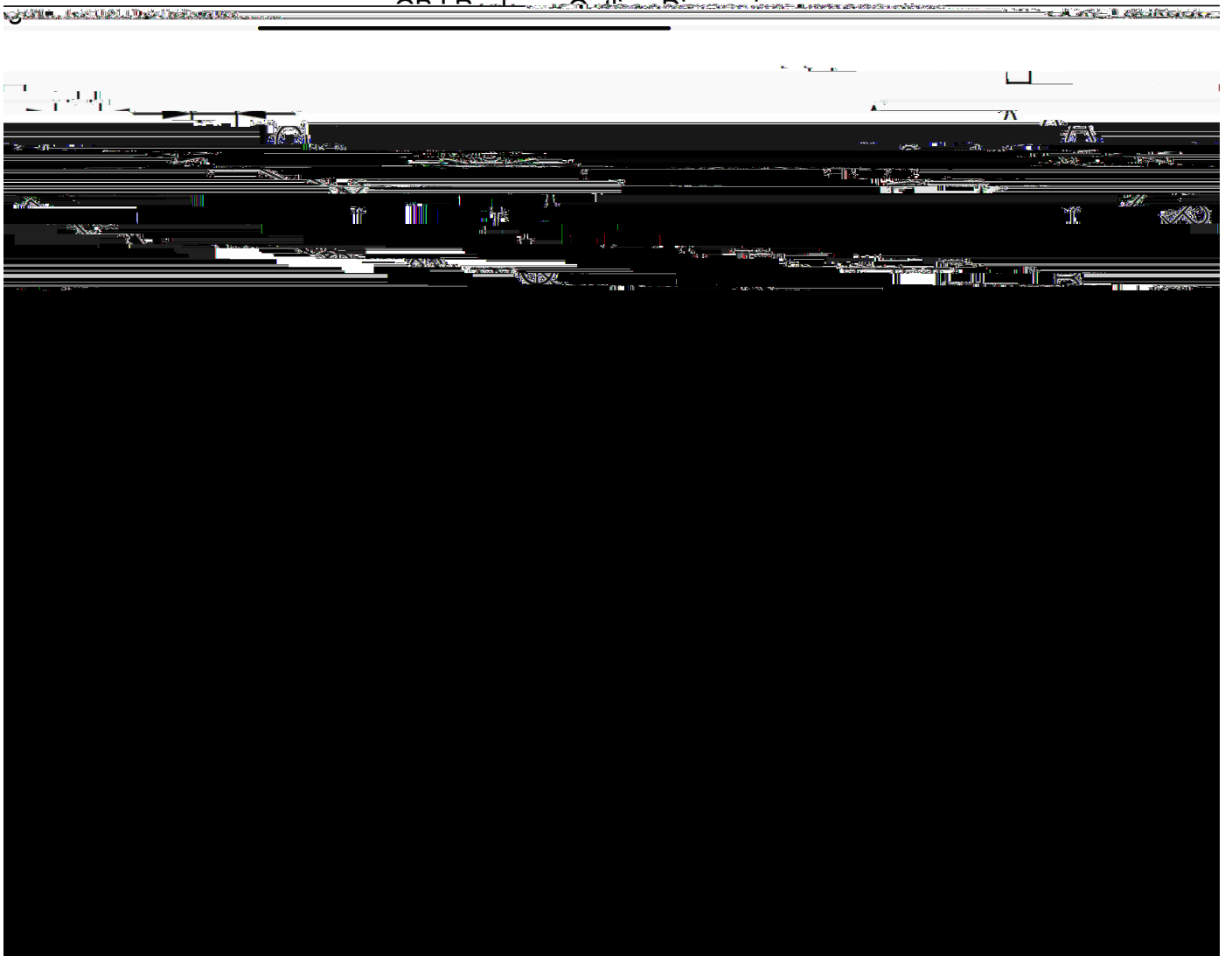


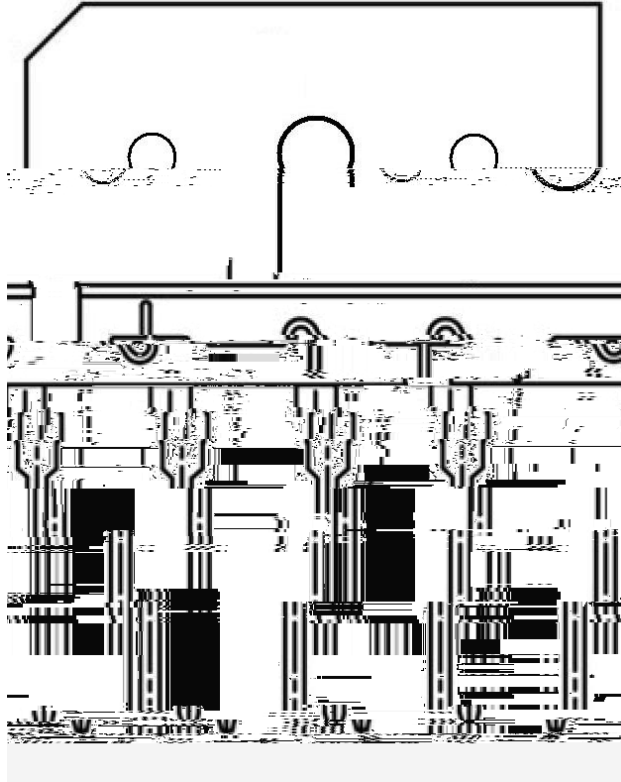
Parameter	Symbol	Rating							Unit
		GBJ 8005G	GBJ 801G	GBJ 802G	GBJ 804G	GBJ 806G	GBJ 808G	GBJ 810G	
Maximum Recurrent Peak Reverse Voltage	V_{RRM}	50	100	200	400	600	800	1000	V
Maximum RMS Voltage	V_{RMS}	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	V_{DC}	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current (with heatsink Note 2)	$I_{F(AV)}$	8.0							A
Peak Forward Surge Current 8.3ms Single Half Sine-Wave Super Imposed on Rated Load (JEDEC Method)	I_{FSM}	200							A
I^2t Rating for Fusing (t<8.3ms)	I^2t	166							A ² s

Typical Junction

Capacitance 6 TDf(ement)TjT*- .0012 Tc0 Tw[(Note1)-5()-5.3()J13.2629 1.1486 TD-.0007 Tc13.4029 Tw[CJ 66)-



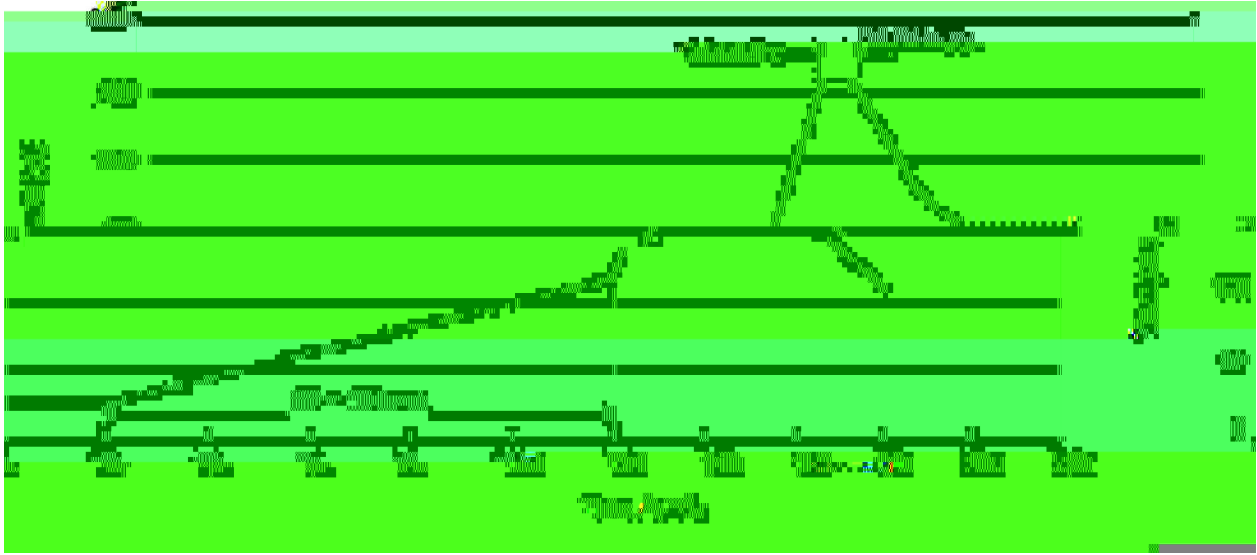




> 9A' ', >

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E f K1



1 25 150 60 90sec;
 2 255..5 5..0.5sec;
 3 2 10 /sec.

Note:

1.Preheating:25~150 , Time:60~90sec.
 2.Peak Temp.:255..5 , Duration:5..0.5sec.
 3. Cooling Speed: 2~10 /sec.

270..5

10..1 sec.

Temp.:270±5