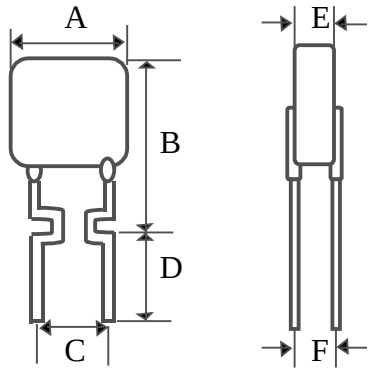
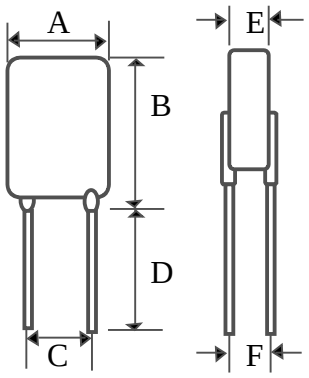
DIMENSIONS

IGRE 1 (GBU090- GBU250)



LEAD SIZE : Φ0.51

FIGURE 2 (GBU300- GBU1000)



LEAD SIZE : Φ0.81

ELECTRICAL CHARACTERISTICS (20℃)

Model Number	I_H (amps)	I_T (amps)	V max (volts)	I max (amps)	Pd max (watts)	R min (Ω)	R max (Ω)
GBU090	0.9	1.8	30	40	0.6	0.07	0.12
GBU110	1.1	2.2	30	40	0.7	0.05	0.1
GBU135	1.35	2.7	30	40	0.8	0.04	0.08
GBU160	1.6	3.2	30	40	0.9	0.03	0.07
GBU185	1.85	3.7	30	40	1	0.03	0.06
GBU250	2.5	5	30	40	1.2	0.02	0.04
GBU300	3	6	30	40	2	0.02	0.05
GBU400	4	8	30	40	2.5	0.01	0.03
GBU500	5	10	30	40	3	0.01	0.03
GBU600	6	12	30	40	3.5	0.005	0.02
GBU700	7	14	30	40	3.8	0.005	0.02
GBU800	8	16	30	40	4	0.005	0.02
GBU900	9	18	30	40	4.2	0.005	0.01
GBU1000	10	20	30	40	4.5	0.005	0.01

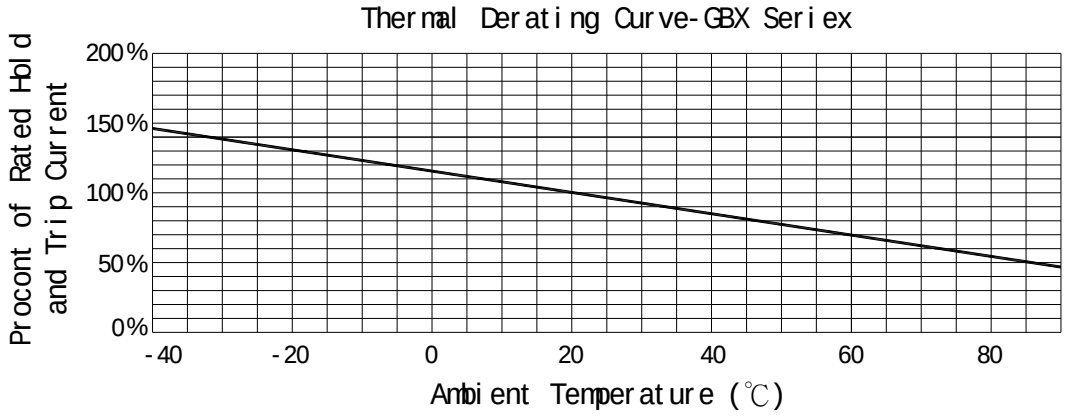
ENVIRONMENTAL SPECIFICATIONS

Test	Conditions	Change Resistance
Passive aging	70℃, 1000 hours 85℃, 1000 hours	±5% ±5%
Humidity aging	85℃, 85% R.H. 1000 hours	±5%
Thermal shock	125℃, – 55℃ (10 times)	±5%
Solvent resistance	YG108F	No change

DIMENSIONS (mm)

Model Number	A Max.	B Max	C Typ.	D Min.	E Max.	F Typ.
GBU090	7.4	12.2	5.1	7.6	3	0.9
GBU110	7.4	14.2	5.1	7.6	3	0.9
GBU135	8.9	13.5	5.1	7.6	3	0.9
GBU160	8.9	15.2	5.1	7.6	3	0.9
GBU185	10.2	15.7	5.1	7.6	3	0.9
GBU250	11.4	18.3	5.1	7.6	3	0.9
GBU300	11.4	17.3	5.1	7.6	3	1.2
GBU400	14	20.1	5.1	7.6	3	1.2
GBU500	14	24.9	10.2	7.6	3	1.2
GBU600	16.5	24.9	10.2	7.6	3	1.2
GBU700	19.1	26.7	10.2	7.6	3	1.2
GBU800	21.6	29.2	10.2	7.6	3	1.2
GBU900	24.1	29.7	10.2	7.6	3	1.2
GBU1000	26.1	30.7	10.2	7.6	3	1.4

Thermal Derating Curve at 25℃



Typical Time to Trip Curves at 25℃