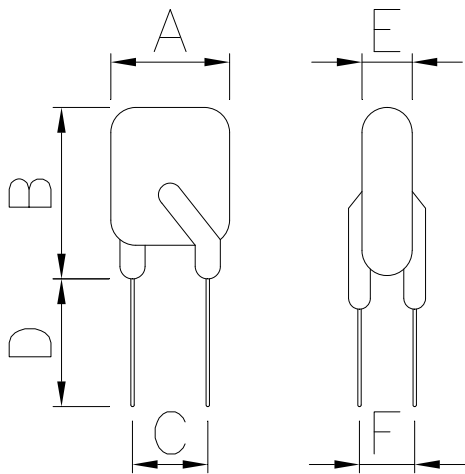


## DIMENSIONS



GBG300-GBG1400 LEAD SIZE :

GBG300-GBG1100  $\Phi$ 0.81mm

GBG1200-GBG1400  $\Phi$ 1.0mm

## ELECTRICAL CHARACTERISTICS (20°C)

| Model Number | I <sub>H</sub> (amps) | I <sub>T</sub> (amps) | V max (volts) | I max (amps) | Pd max (watts) | R min ( $\Omega$ ) | R max ( $\Omega$ ) |
|--------------|-----------------------|-----------------------|---------------|--------------|----------------|--------------------|--------------------|
| GBG300       | 3                     | 5.1                   | 16            | 100          | 2.3            | 0.038              | 0.065              |
| GBG400       | 4                     | 6.8                   | 16            | 100          | 2.4            | 0.02               | 0.063              |
| GBG500       | 5                     | 8.5                   | 16            | 100          | 2.6            | 0.014              | 0.032              |
| GBG600       | 6                     | 10.2                  | 16            | 100          | 2.8            | 0.009              | 0.030              |
| GBG700       | 7                     | 11.9                  | 16            | 100          | 3              | 0.006              | 0.015              |
| GBG900       | 9                     | 15.3                  | 16            | 100          | 3.3            | 0.004              | 0.011              |
| GBG1100      | 11                    | 18.7                  | 16            | 100          | 3.7            | 0.003              | 0.007              |
| GBG1200      | 12                    | 20.4                  | 16            | 100          | 4.2            | 0.002              | 0.009              |
| GBG1400      | 14                    | 23.8                  | 16            | 100          | 4.6            | 0.002              | 0.008              |
| GBG1500      | 15                    | 25.5                  | 16            | 100          | 4.6            | 0.0025             | 0.006              |

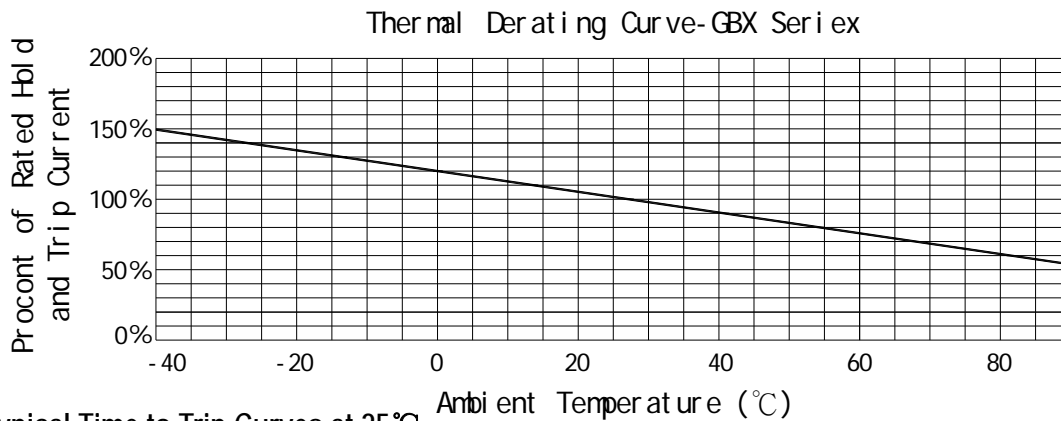
## ENVIRONMENTAL SPECIFICATIONS

| Test               | Conditions                | Change Resistance |
|--------------------|---------------------------|-------------------|
| Passive aging      | - 40°C, 1000 hours        | ±5%               |
|                    | 85°C, 1000 hours          | ±5%               |
| Humidity aging     | 85°C, 85% R.H. 1000 hours | ±5%               |
| Thermal shock      | 85°C, - 40°C (10 times)   | ±5%               |
| Solvent resistance | YG108F                    | No change         |

## DIMENSIONS (mm)

| Model Number | <u>A</u><br>Max. | <u>B</u><br>Max. | <u>C</u><br>Typ. | <u>D</u><br>Min. | <u>E</u><br>Max. | <u>F</u><br>Typ. |
|--------------|------------------|------------------|------------------|------------------|------------------|------------------|
| GBG300       | 7.1              | 10.2             | 5.1              | 7.6              | 3                | 1                |
| GBG400       | 8.9              | 11.9             | 5.1              | 7.6              | 3                | 1                |
| GBG500       | 10.4             | 13.5             | 5.1              | 7.6              | 3                | 1                |
| GBG600       | 10.7             | 16.3             | 5.1              | 7.6              | 3                | 1                |
| GBG700       | 11.2             | 18.8             | 5.1              | 7.6              | 3                | 1                |
| GBG900       | 14               | 20.8             | 5.1              | 7.6              | 3                | 1                |
| GBG1100      | 17.5             | 25.1             | 5.1              | 7.6              | 3                | 1                |
| GBG1200      | 17.5             | 30               | 10.2             | 7.6              | 3.5              | 1.1              |
| GBG1400      | 27.9             | 30               | 10.2             | 7.6              | 3.5              | 1.1              |
| GBG1500      | 27.9             | 30.1             | 10.2             | 7.6              | 3.5              | 1.4              |

## Thermal Derating Curve at 25°C



## Typical Time to Trip Curves at 25°C

