

Main Feature

- RoHS/RoHS Compliant
- 2 Pins
- Low cost and short lead time

Application

- Microprocessor Systems
- Data Communications



Standard Specification

Frequency Range: 6.0000~12.5MHz

Frequency Accuracy At 25°C : $\pm 0.5\%$

Temp. Stability At -25°C ~85°C : $\pm 0.3\%$

Load Capacitance C1, C2: 30pF

Operating Temp. Range: -20°C ~+80°C

Storage Temp. Range: -40°C ~+85°C

Resonant Impedance $R_o(\Omega)$ max. : 25 Ω Max.

Rating Voltage $U_R(V)$ max. : 6V DC 15V p-p

Withstanding Voltage (5Sec Max.): 100V DC

Insulation Resistance $R_i(M\Omega)$ min. : 500 (Applied DC10V)

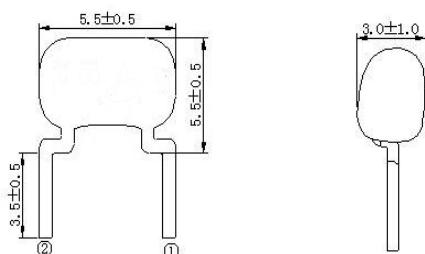
Aging (Over 10 years): $\pm 0.3\text{ppm}$

Applicable IC: MG: 1/6TC4069UBP

*Specifications Subject to Change Without Notice

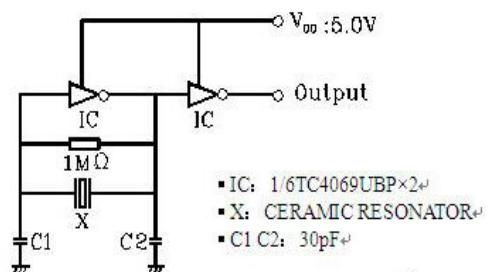
**Please specify frequency Range before order/Inquiry

Dimension (Unit: mm)



① Input ② Output

TEST CIRCUIT



TGS part No. Guide

TGS	CR	A	RS	8.0M	G	B
	1	2	Low profile	3	4	5

1) CR: Ceramic Resonator

2) A: Without built-in Capacitance

3) 8M: Freq. Range

4) G: Thickness Shear Mode

5) B: Bulk (Package) A: AMNO (Package)