

Main Feature

- RoHS compliant
- Cross Ref. No.

Application

- Set Top Box
- ADSL Modem



13.2*13.2*5.08mm

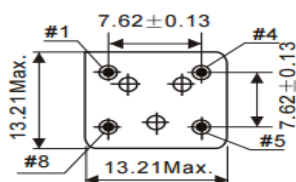
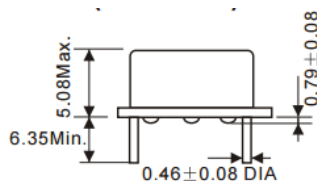
Standard Specification

Frequency Range: 500KHz ~ 100.0MHz
 Frequency Tolerance (at 25°C): ±20 ~ ±100ppm
 Supply Voltage: 3.3V, 5.0V
 Frequency Stability: ±10 ~ ±100ppm
 Operating Temperature: 0~70 C; -10 ~+60 C;-20 ~+70 C;-40 ~+85 C
 Symmetry: 40/60 or 45/55
 Storage Temperature: -40 °C ~ +85°C
 Aging (at 25°C): ±5ppm Max.
 Output Load: 1-10TTL//15pF or HCMOS 15pF; 30pF; 50pF
 Start up Time: 10 ms Max.
 Rise/Fall Time: 10 ns Max.
 Output Voltage: 0 / 1 level=+0.4VMax./+3.0V Min. (3.3V)
 0 / 1 level=+0.5VMax./+2.4V Min. (5.0V)
 Package: 40pcs/Tube

Supply Current

Supply Voltage	Current Max. (mA)
3.3V	20mA Max
5.0V	30mA Max

Dimension (Unit: mm)



Connection

#1: E/D #4 Ground #5 Output #8 VDC

TGS part No. Guide

TGS	V8	3 0	B D H	01	T	LF	XX	-27M0000
	1	2 3	4 5 6	7	8 9	10	11	

- 1) V8: TGS Part Family No.
- 2) Supply Voltage; 5-5.0V; 3-3.3V;
- 3) Tri-state: 1-Yes; 0-None
- 4) Frequency Stability: A:+/-25ppm; B: +/-50ppm; C: +/-100ppm; J:+/-20ppm
- 5) Operating Temp: D-0~70 C; E: -10 ~+60 C; F: -20 ~+70 C; G: -40 ~+85 C
- 6) Symmetry: H: 40/60; I: 45/55
- 7) Output Load: 01: 1-10TTL//15pF; 03:HCMOS 15pF; 04: HCMOS 30pF; 05: HCMOS 50pF
- 8) T: Tube
- 9) LF: RoHS compliant
- 10) XX: 2 letters as Internal Control Code
- 11) Frequency Range in MHz or specify