

Main Feature

- Leadless Chip Carrier (LCC)
- Reflow capable, Seam Sealed Package
- Cross Ref. No. ASV1 and more

Application

- Clock signaling for μ Processors
- PC Motherboards and Graphic Card



7.0*5.0*1.6mm

Standard Specification

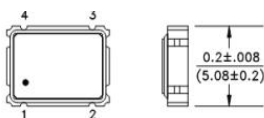
Frequency Range: 1.00000MHz ~ 165.000MHz
 Frequency Tolerance (at 25°C): $\pm 20 \sim \pm 50$ ppm
 Supply Voltage: 3.3V (Typ.) or Specify 1.8V, 2.5V
 Frequency Stability: $\pm 10 \sim \pm 100$ ppm
 Operating Temperature: $-0^{\circ}\text{C} \sim +70^{\circ}\text{C}$ OR $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
 Symmetry: 40/60 or 45/55
 Storage Temperature: $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$
 Aging (at 25°C): ± 5 ppm Max.
 Output Load: 15pF; 50pF
 Start up Time: 10 ms Max.
 Rise/Fall Time: 10 ns Max.
 Output Voltage: 0.4V of VOL and 0.9*VDD of VOH.
 Enable Time: 400ms
 Disable Time: 100ns
 Package: 1000pcs/Reel

Supply Current

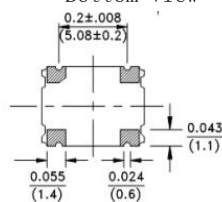
Frequency Range in MHz	Current Max. (mA)
0.5 ~ 30.0 MHz	10
30.01 ~ 70.0 MHz	7
70.01 ~ 125.0 MHz	7
125.01 ~ 165.0 MHz	5

Dimension (Unit: mm)

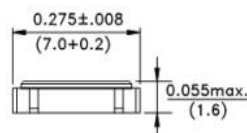
Top View



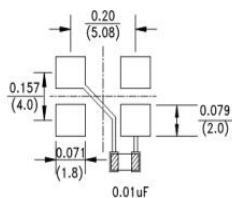
Bottom View



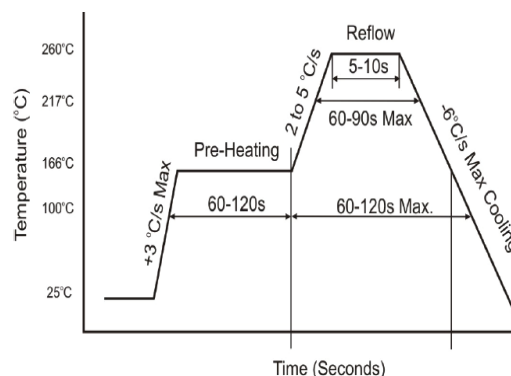
Side View



Solder Pattern



Reflow Profile Condition (260 ° C Max.)



Connection

#1: NC #2 Ground #3 Output #4 Vdd

TGS part No. Guide

TGS	COMA75	5 0	C B H	01	T	LF	XX	-27M0000
		1 2 3	4 5 6	7	8 9	10	11	

- 1) COMA75: TGS Part Family No.
- 2) Supply Voltage; 5-2.5V; 3-3.3V; 1- 1.8V
- 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: 15pF; 05: 50pF
- 8) T: Tape/Reel 9) LF: RoHS compliant 10) XX: 2 letters as Internal Control Code
- 11) Frequency Range in MHz or specify