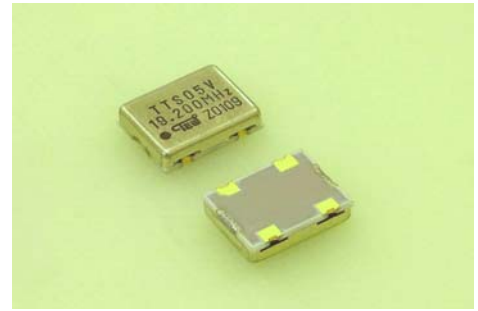


Package : TTS05VS / TTS05VH

Temperature Compensated Crystal Oscillator(VC-TCXO)

■Feature

Reflow solderable,Ceramic SMD package base offers superior flatness.
(9.0×7.0),lowest height,light weight,and low Current consumption type.
Suitable for Cell phone or mobile radio application.



■Applications Suitable for Cell phone or mobile radio application.

■Specifications

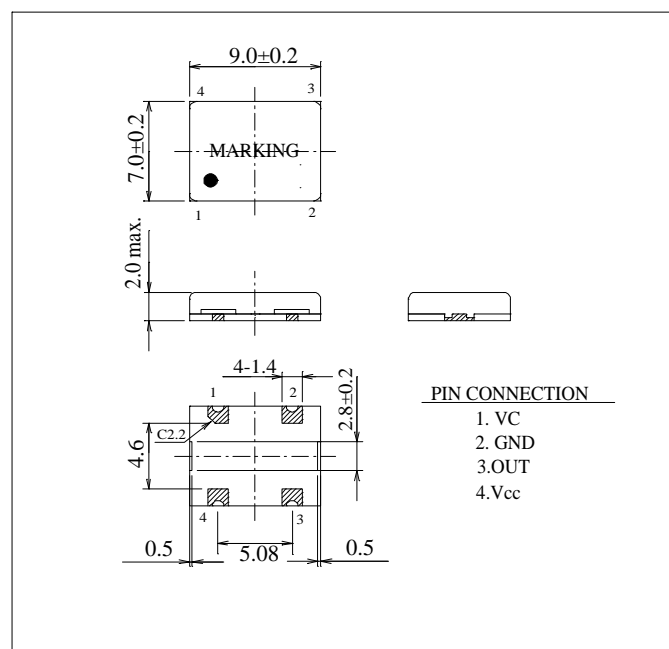
Note : Modified specifications are available upon request for specific applications.

Size	9.0 × 7.0 × 2.0 (mm)	
Model Name	TTS05VS	TTS05VH
Output Frequency	12.6 to 26.0 (MHz)	26.0 to 40.0 (MHz)
Supply Voltage	3.0 ± 5% (V)	
Current Consumption	2.0 max. (mA)	2.5max. (mA)
Output Level	0.6 min. (Vp-p)	
Load	10 (kΩ) // 10 (pF) ± 5%	
Frequency Stability	Table 1	
	-20 to +70 (°C)	
	-40 to +85 (°C)	
Voltage Controlled Range	±5to ±15 (ppm) :Vc=1.5V±1.0V at Vcc=3.0V	

■Table 1 Frequency Stability

Item	Frequency Stability
Temperature Range (-20 to +70°C)	± 2.5 (ppm) max.
Supply Voltage (3.0 V± 5%)	± 0.3 (ppm) max.
Load (10kΩ // 10pF ± 5%)	± 0.2 (ppm) max.
Initial Frequency Tolerance (at 25 ± 2 °C)	± 2.0 (ppm) max.
Aging(year)	± 1.0 (ppm) max.

■Outline



The ordering number will be obtained separately by customer's requirement.