

Package : TTS01NS / TTS01MS / TTS01VS

Temperature Compensated Crystal Oscillator (TCXO)

■Feature

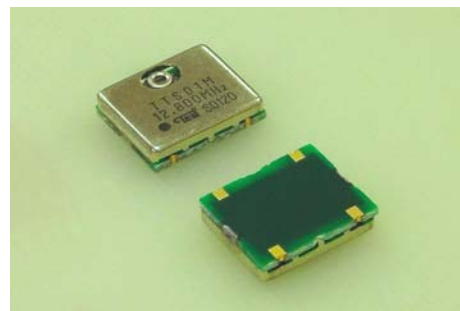
Reflow solderable, SMD type with superior flatness.

(11.4×9.6),low height,light weight,and low Current consumption type.

■Applications Suitable for Cell phone or mobile radio application.

■Specifications

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

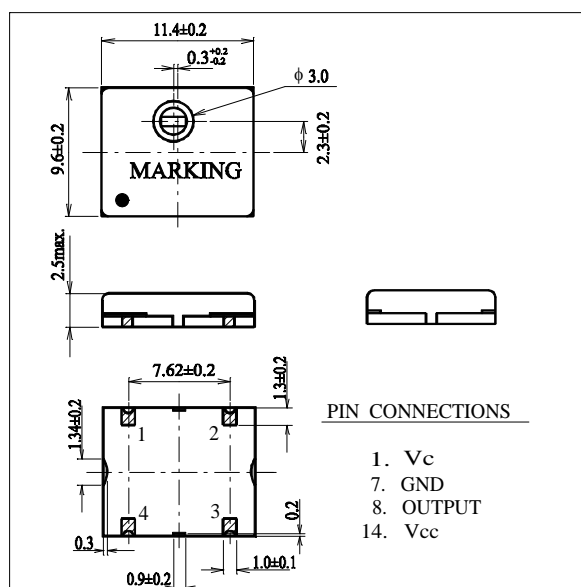


Size	11.4×9.6×2.5 (mm)		
Model Name	TTS01NS	TTS01MS	TTS01VS
Output Frequency	12.6 to 26.0 (MHz)		
Supply Voltage	3.0 ±5% (V)		
Current Consumption	2.0 max. (mA)		
Output Level	0.6 min. (Vp-p)		
Load	10 (kΩ)//10 (pF) ±10%		
Frequency Stability	Table 1		
Storage Temperature Range	-25 to +75 (°C)		
Operating Temperature Range	-40 to +85 (°C)		
Voltage Controlled Range	—	±8 to ±12(ppm) :Vc=1.5V±1.0V at Vcc=3.0V	±8 to ±12(ppm) :Vc=1.5V±1.0V at Vcc=3.0V
Frequency adjustment Range	±2.0(ppm)min (by inside trimmer)	±2.0(ppm)min (by inside trimmer)	—

■Outline

■Table 1 Frequency Stability

Item	Frequency Stability
Temperature Range(-25 to+75 °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.



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