

TTS01NS/MS/VS

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.

Suitable for Cell phone or mobile radio application.

Now printing

■Specifications

Size	11.4×9.6×2.5 (mm)		
Model Name	TTS01NS	TTS01MS	TTS01VS
Output Frequency	12.6 ~ 26.0 (MHz)		
Supply Voltage	3.0 ±5% (V)		
Supply Current	2.0 max. (mA)		
Output Level	0.6 min. (Vp-p)		
Load	10 (kΩ)//10 (pF) ±10%		
Frequency Stability	Table 1		
	-25 ~ +70 (°C)		
保存温度範囲	-40 ~ +85 (°C)		
Voltage Controlled Range	—	±8~±12(ppm) : Vc=1.5V±1.0V at Vcc=3.0V	±8~±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)	—

■Table 1 Frequency Stability

条件	Frequency Stability
Temperature Range(-25 ~ 75 °C)	± 2.5 (ppm)
Supply Voltage(3.0 V ±5%)	± 0.3 (ppm)
Load(10kΩ//10pF ±5%)	± 0.2 (ppm)
Initial Frequency Tolerance (at 25±2 °C)	± 2.0 (ppm)
Aging(year)	± 1.0 (ppm)

* Products with specific requirements are available upon request.

■Outline

