

STO-2520A, STV-2520A series



■用途

GPS

■特長

- Small ceramic package / Dimensions (2.5×2.0×0.8)
- High stability $\pm 0.5\text{ppm}$ / $-30^{\circ}\text{C}\sim+85^{\circ}\text{C}$
- Low current consumption
- Low phase noise
- Clipped sine output (DC coupled)



■仕様

Model		STO-2520A	STV-2520A(VC-TCXO)
Nominal frequency [MHz]		16.368, 16.369, 19.2, 26, 38.4	
Frequency stability	Tolerance at 25°C	$\pm 2.0 \times 10^{-6}$ (Sixty minutes after reflow)	
	Temperature (+25°C basis)	$\pm 0.5 \times 10^{-6}$ / $-30\sim+85^{\circ}\text{C}$	
	Supply voltage stability	$\pm 0.2 \times 10^{-6}$ / $V_{cc} \pm 5\%$	
	Load stability	$\pm 0.2 \times 10^{-6}$ / $Z_L \pm 10\%$	
Aging		$\pm 1.0 \times 10^{-6}$ / year at $+25^{\circ}\text{C}$	
Storage temperature range		$-40\sim+85^{\circ}\text{C}$	
Power supply voltage (Vcc)		1.8, 2.8, 3.0, 3.3V DC $\pm 5\%$	
Current consumption		2.0mA max.	
Output	Load (ZL)	10k Ω //10pF	
	Voltage	0.8Vp-p min.	
	Waveform	Clipped Sine Wave (DC-coupled output)	

※電圧制御機能の付き(VC-TCXO)の対応も可能です。当社営業窓口へお問い合わせ下さい。
 特性向上の為、仕様を変更する場合があります。当社営業窓口にて最新の仕様をご確認下さい。

■外形・寸法 [単位:mm]

Top view dimensions: 2.50±0.15 (width), 2.00±0.15 (height), MARKING.

Side view dimension: 0.8max (thickness).

Terminal view dimensions: #1-#6 positions, 0.65, 0.675, 0.35, 0.50, 0.65.

Example of a Terminal Land Pattern

Terminal land pattern dimensions: 0.43, 0.825, 0.650, 0.50, 0.70, 0.55.

Terminal	Connection
#1	GND
#2	N.C.
#3	GND
#4	OUTPUT
#5	N.C.
#6	Vcc