

VCXO-252H

Model

- VCXO-252H : LV-CMOS level SMD crystal oscillator

Features

- "Small Size" as small as 0.72cc. (14.8x8.65x5.7mm)
- Using welded crystal.
- Hybrid-IC circuit construction.
- TTL compatible output.

Typical Applications

- Digital switching system

Standard Frequencies

- 27.0000MHz
- 51.8400MHz
- 52.000MHz

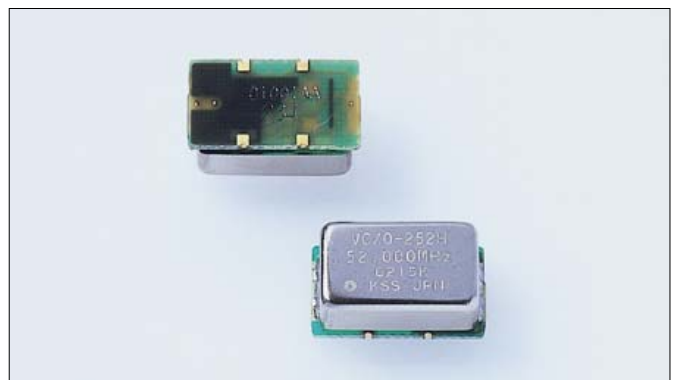
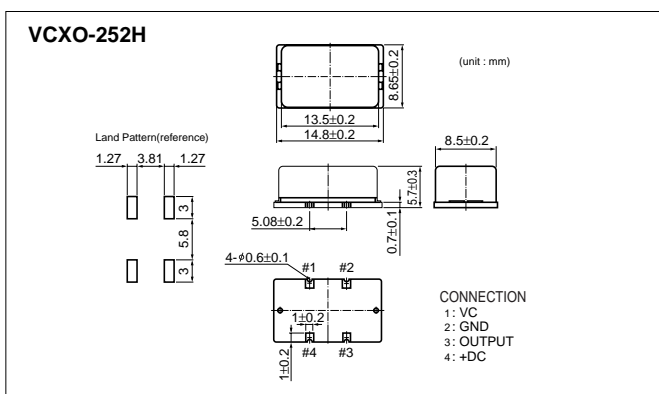
Specifications

Item	Type	VCXO-252H
Frequency range		10~52MHz
Frequency stability		$\pm 40 \times 10^{-6}$ MAX./-20~+70°C
Operable temperature range		-20~+70°C
Storage temperature range		-40~+85°C
Frequency aging		$\pm 5 \times 10^{-6}$ MAX./year
Frequency deviation		$\pm 60 \times 10^{-6}$ MIN./+1.65V \pm 1.65V (Positive)
Frequency tuning voltage		+1.65V \pm 0.33V (at+25°C)
Power supply voltage		V _{DD} =+3.3V \pm 0.33V
Power supply current		25mA MAX.
Output load		LV-CMOS
Output level		VOH:+2.97V MIN./VOL:+0.33V MAX.
Output symmetry		40~60% (at +1.65V DC)
Rise time/Fall time		10ns MAX./10ns MAX.
Vibration		10~55Hz Amplitude 1mm cycle 1 minute. 3 directions. 2 hours each
Shock		1000G
Humidity		60°C 95%/RH 1000 hours
Weight		1.5gr

* If specifications do not meet your requirements. We will design a unit to your requirements.

* All specifications and details published are subject to change without notice.

Outline



Original Size