

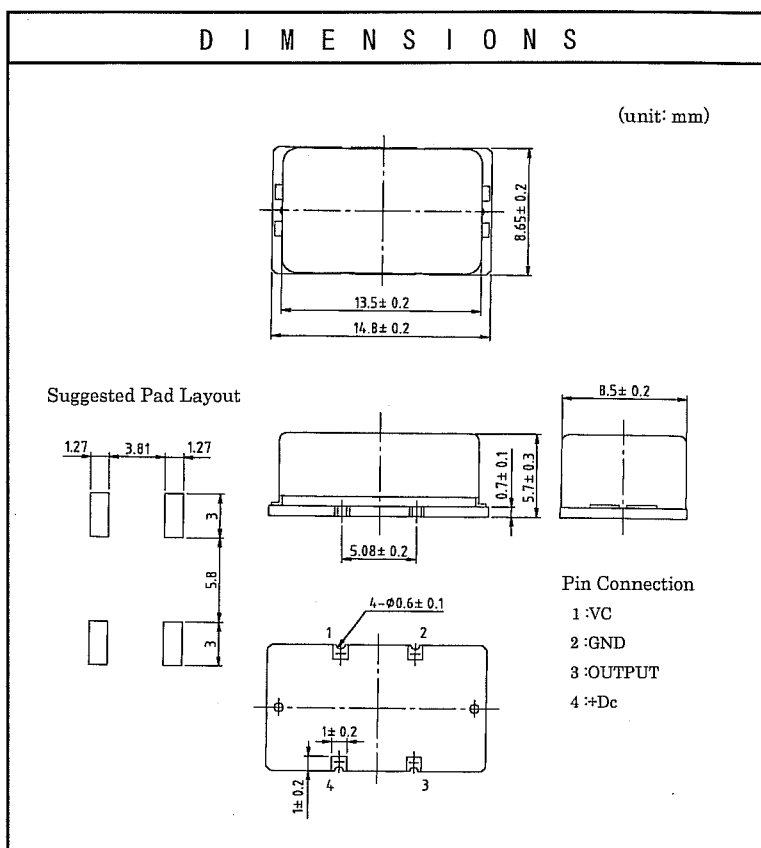
VCXO-299H

【MODEL】

VCXO-299H :HCMOS level
SMD crystal oscillator

【FEATURES】

- "Small Size" as small as 0.72cc
(14.8×8.65×5.7mm)
- Using welded crystal.
- Hybrid-IC circuit construction.
- HCMOS compatible output.



MODEL	VCXO-299H
Frequency range	27MHz
Frequency stability	$\pm 40 \times 10^{-6}$ max. / -20°C to +70°C
Operable temperature range	-20°C to +70°C
Storage temperature range	-40°C to +85°C
Frequency aging	$\pm 5 \times 10^{-6}$ max. / Year
Frequency deviation	$\pm 60 \times 10^{-6}$ min / +1.65V ± 1.65V (Positive)
Power supply voltage	V _{CC} = +3.3V ± 0.33V
Power supply current	30mA max.
Output load	15pF
Output level	V _{OH} : +0.9V _{CC} min. / V _{OL} : +0.1V _{CC} max.
Output symmetry	40% to 60% (at +1.65V DC)
Rise time/Fall time	10ns max. / 10ns max.
Vibration	10Hz to 55Hz Amplitude 1mm cycle 1minute. 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.