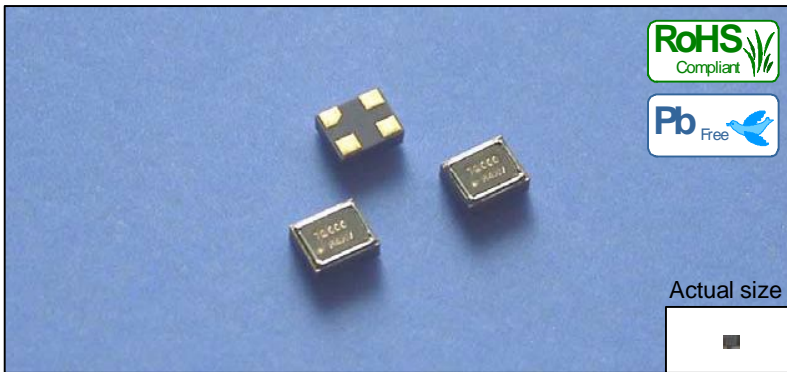


SURFACE MOUNT CRYSTAL OSCILLATOR FCXO-06W

NEW PRODUCTS!



Features

- Compact design (2.0mm × 1.6mm × 0.8mm Max., Weight : 8.6mg).
- A wider range of operating temperature is supported : -40 to 105°C
- A wider range of operating supply voltage is supported : 1.60 to 3.63V
- The ceramic package and the metal lid sealed by electron beam ensure higher accuracy and reliability.
- Lead-free soldering is available.
- Applications : Laptop PC, DSC, DVC, W-LAN

Specifications

Item	Standard specifications		
Frequency range(MHz)	1.0 to 80.0		
Frequency tolerance (ppm)(at 25°C)	±10, ±20	30, ±50	±100
V _{DD} sensitivity(ppm)	±1.0		
Storage temperature range(°C)	-40 to +105		
Operating temperature range(°C)	-20 to +70	-40 to +85	-40 to +105
Frequency versus temperature characteristics(ppm) (Refer to 25°C)	±20 30 ±50 ±100	30 ±50 ±100	50 ±100
Supply voltage(V)	1.60 to 3.63		
Current consumption (mA)	5(Typ.)/20MHz@3V, 8(Typ.)/50MHz@3V (Depending on the frequency and supply voltage)		
Output level(V)	CMOS		
Symmetry(%)	50 10, 50±5		

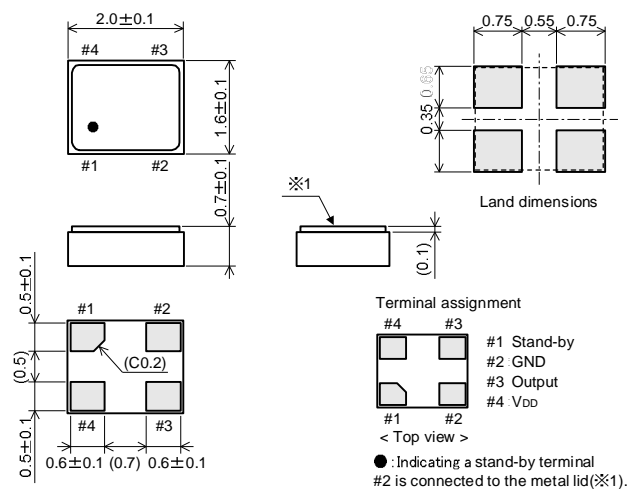
"Stand-by" CTRL table

Stand-by	Output
"H"	Output enabled.
"L"	Oscillation stop and High impedance output.

A bypass capacitor should be connected between V_{DD} and GND so that the crystal oscillator can have a stable oscillation. Please feel free to consult us about customized specifications. All specifications and drawings are subject to a change without notice.

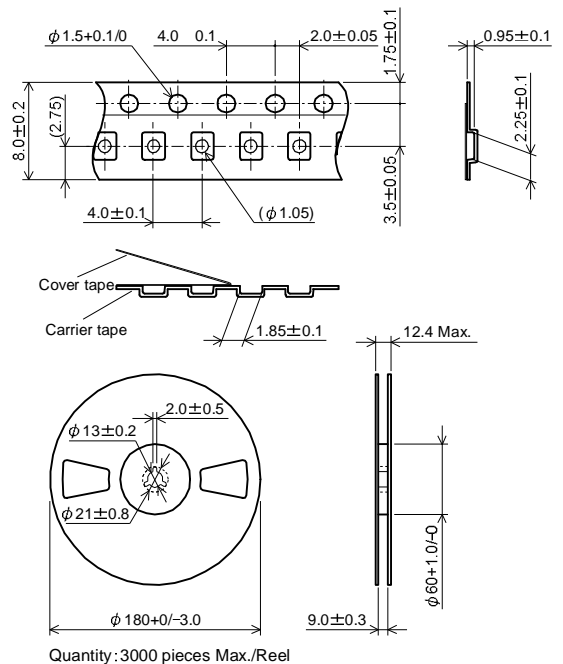
Dimensions

Unit:mm



Taping

Unit:mm



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