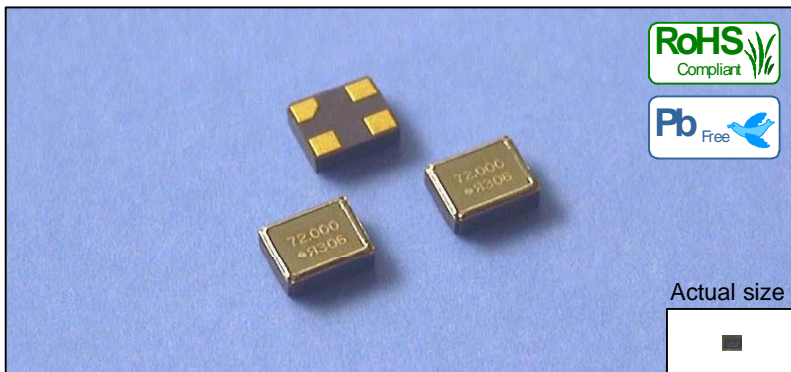


SURFACE MOUNT CRYSTAL OSCILLATOR FCXO-05



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 +85		
Operating temperature range(°C)	-10 to +60	-20 to +70	-40 to +85
	± 15	± 20	± 30
	± 50	± 50	± 100
Frequency versus temperature characteristics(ppm) (Refer to 25°C)	100	100	
Supply voltage(V)	1.60 to 3.63		
Current consumption (mA)	5(Typ.)/20MHz @3V, 8(Typ.)/50MHz @3V (Depends on frequency and supply voltage)		
Output level	CMOS, TTL		
Symmetry(%)	50 10, 50±5		

"Stand-by" CTRL table

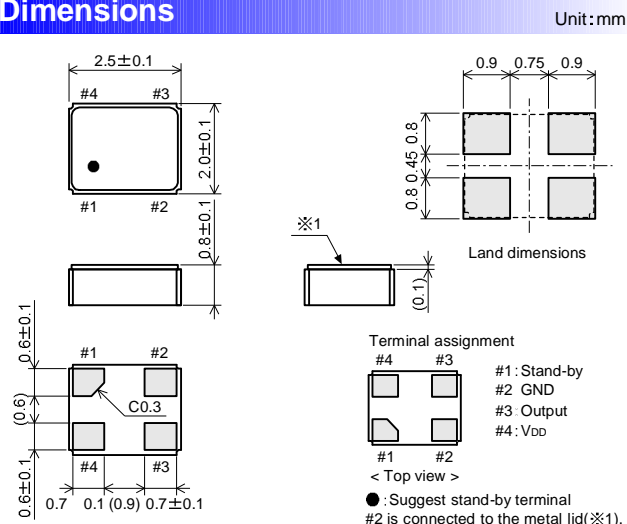
Stand-by	Output
"H"	Output enabled.
"L"	Oscillation stop and High impedance output.

- Bypass capacitor should be connected between V_{DD} and GND due to the stabilized operation for the crystal oscillator.
- Please consult us for customized specifications.
- All specifications and markings subjected to change without notice.

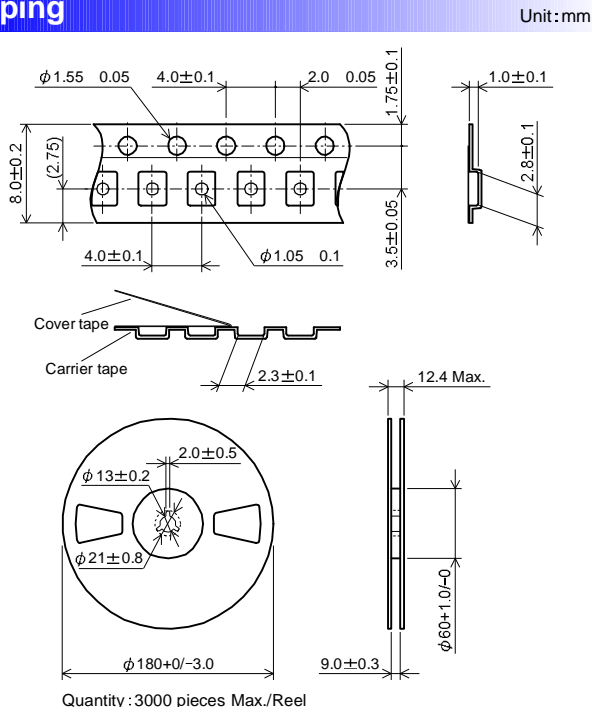
Features

- Compact design (2.5mm × 2.0mm × 0.9mm Max., Weight : 13mg).
- Wide range of operating supply voltage: 1.60 to 3.63V
- Ceramic package and metal lid assures extreme accuracy and high reliability by electron beam sealing. Lead-free soldering is available.
- Applications Laptop PC, DSC, DVC, W-LAN

Dimensions



Taping



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