

Voltage Controlled Crystal Oscillators

DVO-212E, 222E SERIES



Voltage controlled crystal oscillators (VCXOs) that work well with C-MOS output.

■ Features

- Miniature 212E (0.38cc)
222E (0.51cc)
- Good for reflow soldering.

DVO-212E4, DVO-222E4

■ Generic Specification

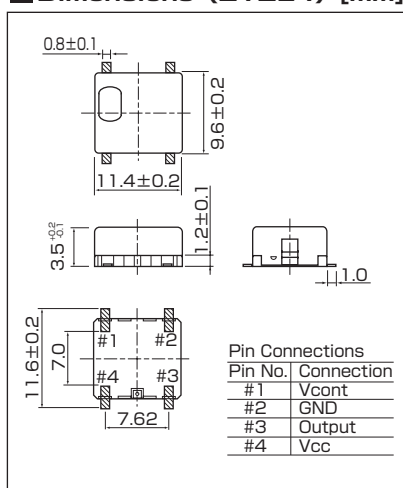
Item	Type	DVO-212E4	DVO-222E4
Output Frequency Range		20.000MHz~54.000MHz	54.000MHz~75.000MHz
Storage Temperature Range		-40°C~+85°C	
Operating Temperature Range		-10°C~+60°C	
Frequency Adjustment Range		±50×10 ⁻⁶ min./V _c =+1.5V±1.5V ±50×10 ⁻⁶ min./V _c =+2.5V±1.5V	
Frequency Tolerance		±10×10 ⁻⁶ max.(at 25°C)	
Frequency Characteristics over Temperature		±30×10 ⁻⁶ max./-10°C~+60°C	
Frequency Control Voltage		+1.5V±1.5V (0V~+3.0V) +2.5V±1.5V (+1.0V~+4.0V)	
Output Characteristics	"1"Level	90%V _{DD} min.	
	"0"Level	10%V _{DD} max.	
	Symmetry of Wave Form	50%±10%	
	Output Load	C _L =15pF	
	Rise and Fall Time	6nsec. max./10%V _{DD} ~90%V _{DD}	
Supply Voltage		+3.3V±10% +5.0V±10%	
Current Consumption		30mA max. (No Load)	

DVO-212E4 : Packing Unit : 1000pcs./reel

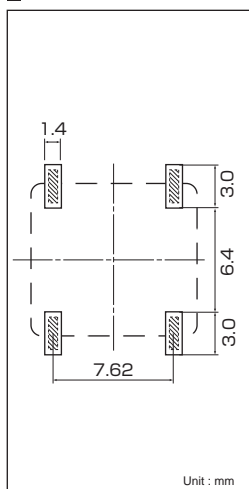
DVO-222E4 : Packing Unit : 500pcs./reel

Consult our sales representative for other specifications or special specifications.

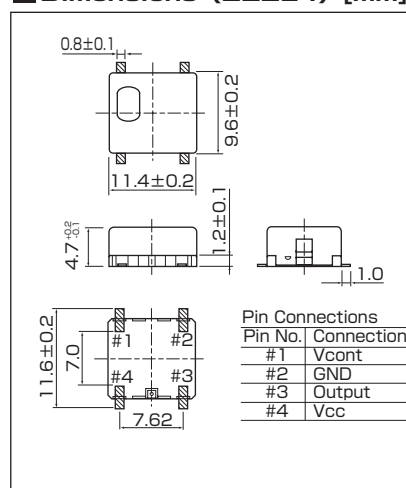
■ Dimensions (212E4) [mm]



■ Recommended Land Pattern



■ Dimensions (222E4) [mm]



■ Recommended Land Pattern

