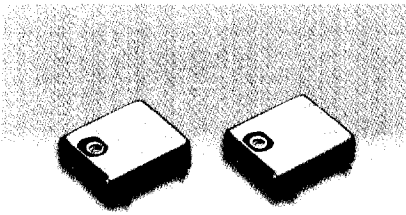
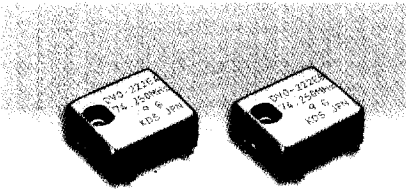


# VCXO [Voltage Controlled Crystal Oscillator]

## DVO-212E,222E SERIES



DVO-212E4, E6



DVO-222E4, E6

Voltage controlled crystal oscillator for C-MOS output.

### FEATURES

- Miniature size 212E (0.38cc)  
222E (0.51cc).
- Reflow Soldering.

### GENERIC SPECIFICATION

ITEM	TYPE	DVO-212E	DVO-222E
Output Frequency		20.000MHz ~ 54.000MHz	54.000MHz ~ 75.000MHz
Storage Temp. Range		-40°C ~ +85°C	←
Operating Temp. Range		-10°C ~ +60°C	←
Frequency Control Range		±50ppm min. / Vc = + 1.5V ±1.5V ±50ppm min. / Vc = + 2.5V ±1.5V	←
Frequency Tolerance		±10ppm max.(at25°C)	←
Frequency Temp. Character		±30ppm max. / -10°C ~ +60°C	←
Frequency Control Voltage(Vc)		+1.5V ± 1.5V (0.0V ~ +3.0V) +2.5V ± 1.5V (1.0V ~ +4.0V)	←
Output Characteristics	"1"Level (VOH)	90% VDD min.	←
	"0"Level (VOL)	10% VDD max.	←
	Symmetry	50% ±10%	←
	Output Load	CL=15pF	←
	Rise, Fall Time (Tr,Tf)	6nsec max. / 10%VDD - 90%VDD	←
Power Supply Voltage		+3.3V DC ±10% +5.0V DC ±10%	←
Current Consumption		30mA max(No Load)	←

DVD-212E Type : Packing unit:1000/reel  
DVD-222E Type : Packing unit: 500/reel

Please contact your KDS sales representative to discuss particular spec requirements.

### DIMENSIONS [mm]

