

# UO Type Crystal Crystal Unit

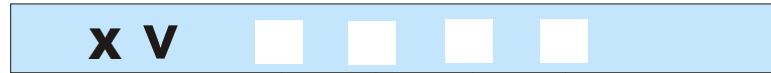
## ROHS Compliant Standard



### FEATURE

- 1、5.0×3.2×0.9mm ceramic SMD package.
- 2、16mm width tape & ree package for automatic assemblyl.
- 3、Tight tolerance 10ppm available.

### Numbering system



Load Capacitance		
A: 8pF	B: 9pF	C: 10pF
D: 12pF	E: 15pF	F: 16pF
G: 18pF	H: 20pF	I: 30pF
J: 32pF	K: 50pF	L: 6pF
M: 12.5pF	S: Series	

Temperature Range	
B:	0°C to +55°C
I:	-10°C to +60°C
C:	-20°C to +70°C
L:	-40°C to +85°C

Frequency Tolerance vs. Room Temperature		
A: ±5ppm	B: ±10ppm	P: ±15ppm
C: ±20ppm	D: ±25ppm	E: ±30ppm

Frequency Stability vs Temperature Range		
A: ±5ppm	B: ±10ppm	P: ±15ppm
C: ±20ppm	D: ±25ppm	E: ±30ppm

### ELECTRICAL SPECIFICATION

Standard Frequency	13.0MHz, 16.0MHz, 19.5MHz, 26MHz
Equivalent Series Resistance	50 Ω MAX
Drive Level	10 μw typical
Storage Temp. Range	-40°C ~ +85°C
Shunt Capacitance (Co)	7.0pF Max
Insulation Resistance	500M Ω Min. @ DC 100V
Aging	±1.0ppm/year

### FBEQ. STABILITY VS. TEMP. PANGE

Temp. (c)	PPM	A: ±5	B: ±10	P: ±15	C: ±20	C: ±25	c: ±30
B	-0~+50	○	○	○	○	○	○
I	-10~+60	×	○	○	○	○	○
C	-20~+70	×	○	○	○	○	○
L	-40~+85	×	×	×	○	○	○

○: Standard △: Available (case by case) ×: Not available

### OUTLINE DRAWING

