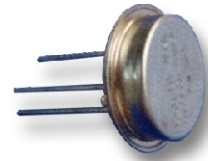


## XVSC01

- SC Cut, 3rd or 5th O.T.
- Cold-weld Vacuum sealed, Excellent Aging Characteristics.
- High Q Value.



**Table1 Specifications**

Parameter	XVSC01
Frequency Range	5~10MHz
Vibration Mode	SC Cut/3rd,5th Over Tune
Frequency Tolerance(@25°C ±2°C)	±1ppm, ±2ppm
Z.T.C. Temperature	65 ±5°C, 70=70±5°C, 75±5°C, 80±5°C, 85±5°C,
Resonance Resistance	See Table 3
Shunt Capacitance	7pF max
Load Capacitance	Series
Drive Level	2uW~500uW
Insulation Resistance	500MΩ @DC100V
Aging	±1 x 10 <sup>-7</sup> /Year, ±5 x 10 <sup>-8</sup> /year
Package	HC43U, TO8, TO10

**Table3 Resonance Resistance**

Frequency	Vib. Mode	Package HC43	Package HC-37(TO8)	Package TO10
5~6MHz	3rd OT	140 Ω	140 Ω	90 Ω
	5th OT	NA	NA	130 Ω
6~9MHz	3rd OT	100 Ω	100 Ω	80 Ω
	5th OT	NA	NA	110 Ω
9~10MHz	3rd OT	90 Ω	90 Ω	70 Ω
	5th OT	NA	NA	90 Ω

**Thru-Hole Crystals**

**Part Numbering Key**

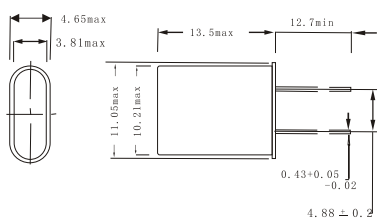
SERIES	CIRCUIT CONDITION	FREQ. TOLERANCE @25°C	MODE	Z.T.C Temperature	PACKAGE	FREQUENCY
XSVC01	S=Series	±1ppm ±2ppm	3=3rd O.T.	65=65±5°C	43U TO8 TO10	
			5=5th O.T.	70=70±5°C		
				75=75±5°C		
				80=80±5°C		
				85=85±5°C		
XVSC01	S	1	3	80	-43U	10.000MHz

**Sample Part Numbers**

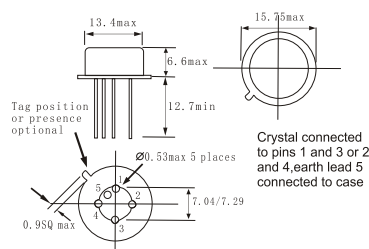
**XVSC01-S1-3-80-43U**

**@10.000MHz**

**Package HC-43U**



**Package HC-37(TO8)**



**Package TO10**

