

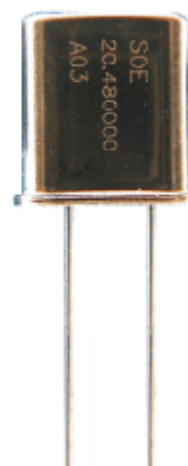
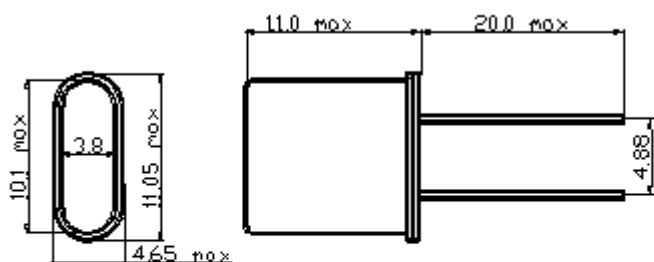


## Standard Specifications

FREQUENCY RANGE	10.000~150.000MHZ
Mode of Vibration	10.000~32.000MHz Fundamental 25.000~70.000MHz 3 rd Overtone 60.000~150.000MHz 5 th Overtone
Drive Level	0.1 TYPICAL
Load Capacitance	8.0pF MIN
Frequency Tolerance	$\pm 10$ 、 $\pm 30$ 、 $\pm 50$ ( at 25 °C )
Shunt Capacitance	7pF (MAX)
Operating Temperature Range	-20 °C ~+70 °C Standard
Frequency Stability	$\pm 30$ ppm Standard
Storage Temperature Range	-40 °C ~+85 °C
Aging (First Year)	$\pm 5$ ppm

## Equivalent Series Resistance

FREQUENCY RANGE (MHZ)	ESR MAX (Ω)	FREQUENCY RANGE (MHZ)	ESR MAX (Ω)
10.000~12.499	30	25.000~70.000	40
12.500~15.999	25	60.000~150.000	60
16.000~32.000	20		



All Dimensions in mm

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