

The ECS-SSR is a 1-port type SAW (surface acoustic wave) resonator. Applications for this product include remote control and wireless security transmitters.

## FEATURES

- Compact and low profile
- Low loss

## PART NUMBERING GUIDE "EXAMPLE"

	FREQUENCY (315.00 MHz)
ECS-SSR	- 3150

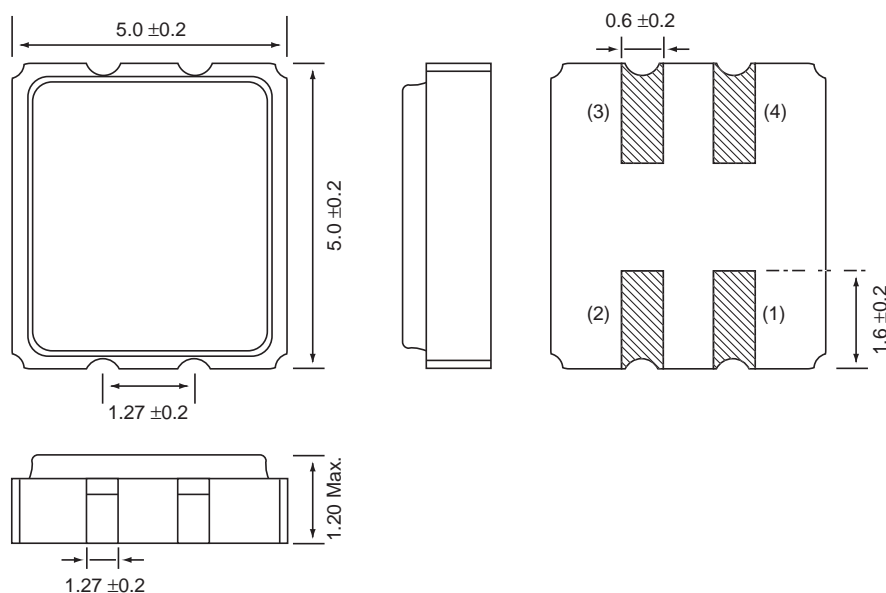
## STANDARD FREQUENCIES

314.95, 315.00, 418.00, 433.37, 433.87, AND 433.92MHz

## OPERATING CONDITIONS/ELECTRICAL CHARACTERISTICS

PARAMETERS	CONDITIONS	MINIMUM	MAXIMUM	UNITS
NOMINAL RESONANT FREQUENCY		300	460	MHz
FREQUENCY TOLERANCE	@ F <sub>0</sub>		±250	KHz
RESONANT LOSS			2.2	dB
UNLOADED Q		7000		
PARALLEL CAPACITANCE AT 1 MHz	2.3 pF ±1.0 pF			
OPERATING TEMPERATURE		-40	+85	°C
STORAGE TEMPERATURE		-55	+125	°C

## PACKAGE DIMENSIONS (mm)



PIN CONNECTIONS	
#1	GROUND
#2	TERMINAL
#3	GROUND
#4	TERMINAL

Figure 1) ECS-SSR – Top, Side and Bottom views