

ECX-19 ECX-3A

These wide frequency crystal resonators are an excellent choice for surface mount applications. For additional information not included on this chart, contact your ECS representative.

FEATURES:

- Cost effective
- Versatile footprint
- High temperature seal
- Space saving design

ELECTRICAL SPECIFICATIONS

ITEM	TYPE	ECX-19	ECX-3A
Frequency Range		3.5-66.0MHz	3.5-70.0MHz
Mode		Fundamental/3rd O.T.	
Load Capacitance		Series, 12pF ~ 32pF	
Drive Level		500µW	100µW
Frequency Tolerance		±50 ppm, ±100 ppm	
Resistance at Series Resonance		40 ~ 200 Ohms (Freq. Dependent)	50 ~ 200 Ohms (Freq. Dependent)
Frequency Stability		±50 ppm, ±100 ppm	
Operating Temperature Range		-10°C ~ +70°C	
Storage Temperature Range		-30°C ~ +80°C	

Note: ECX-19 is a ceramic enclosure with a metal cap.

Note: ECX-3A is a thermo plastic enclosure.

DIMENSIONS (MM)

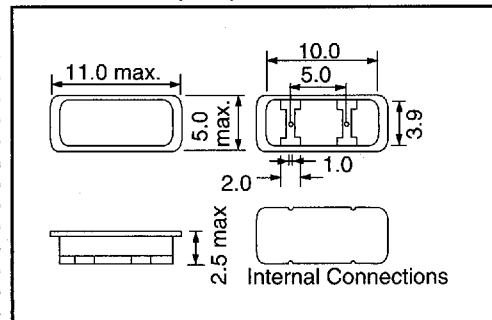


Fig 1) ECX-19 Dimensions

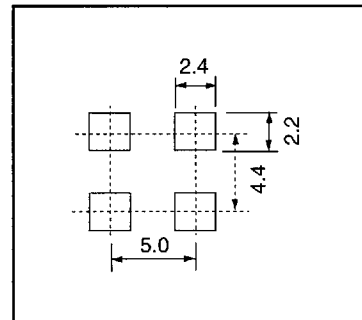


Fig 2) ECX-19 Land Pattern

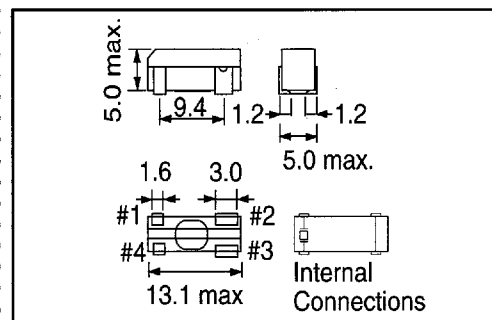


Fig 3) ECX-3A Dimensions

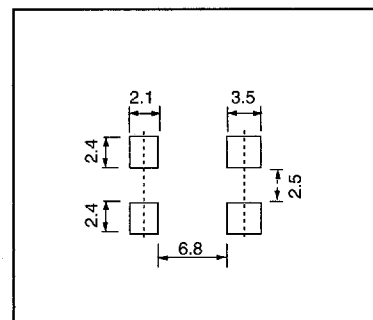


Fig 4) ECX-3A Land Pattern