



**THE DATASHEET OF
ECS-120-CD-0330-TR**



REVISIONS	
REV	DESCRIPTION DATE

PACKAGE DIMENSIONS (mm)

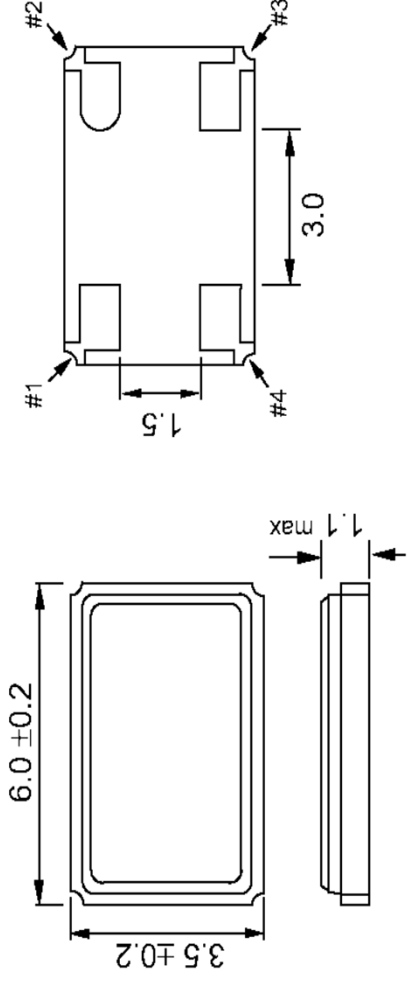


Figure 1) Top, Side and Bottom View

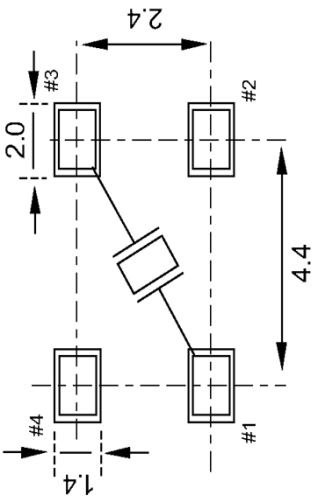


Figure 2) Land Pattern



ELECTRICAL SPECIFICATION

Frequency: 12.000000 MHz
 * Frequency Stability: ± 20 ppm Max
 Crystal Cut: AT Strip
 Load Capacitance (CL): 9 pF
 Recommended Drive Level: 100 µW
 Effective Series Resistance: 40 Ω
 Shunt Capacitance: 3 pF Max.
 Mode of Operation: Fundamental
 Storage Temperature: -40 to +85 °C
 Operating Temperature: -20 to +70 °C
 Package Type: ECX-64

ECS Part Number: ECS-120-



* Inclusive of Frequency tolerance @ stability over the operating temperature aging for 3 years.

ECS INC. INTERNATIONAL 1105 S. Ridgeway Olathe, KS 66062 (913) 782-7787	
TITLE	12.0 MHz Crystal, SMD,
SIZE	DWG NO. ECS-120-CD-0330
A	CAGE CODE: 1G8B7

SIGNATURES	DATE
DRN BL	1/10/2002
CHK DK	1/10/2002
APP BS	1/10/2002
Dimensions in mm	

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