

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

PACKAGE DIMENSIONS (mm)

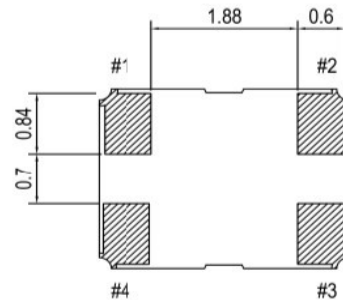
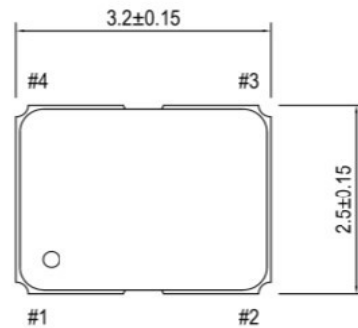


Figure 1) Top, Side and Bottom

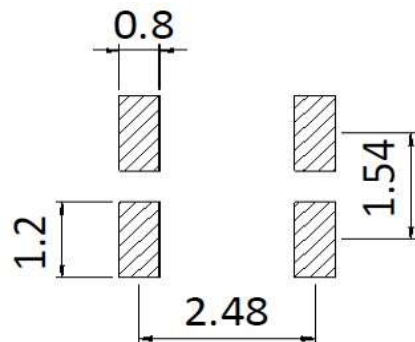


Figure 2) Suggest Land Pattern

Pad Connections	
1	Voltage Control
2	Ground
3	Output
4	+3.0V DC



ELECTRICAL SPECIFICATIONS

Frequency: 16.000000 MHz

Frequency Tolerance (@+25°C): ± 1.5 ppm Max.

Frequency Stability (-30 to +75°C): ± 1.5 ppm Max.

Supply Voltage Change (3V ± 5%): ± 0.3 ppm Max.

Supply Voltage: +3.0V DC ± 5%

Current Consumption: 2.0 mA Max.

Output Voltage: 0.8 V pp Min.

Output Load: 10K Ohms//10 pF

Output Waveform: Clipped sine wave

Frequency vs Load: ± 0.3 ppm Max.

Aging (per year): ±1.0 ppm Max. @ +25°C ± 3°C

Voltage Control (1.5 ± 1V): ±12 ppm Min.

Control Voltage Impedance: 100K Ohms Min.

Compensation: Digital

Operating Temperature: -30 to +75°C

Storage Temperature: -40 to +85°C

Packaging: Tape & Reel 1K/reel

ECS Part Number: ECS-160-CDX-2153

SIGNATURES		DATE	TITLE	
DRN	AJ	1/29/2021	16.000 MHz VC-TCXO +3.0V Digital Compensation	
CHK	DK	1/29/2021		
APP	BS	1/29/2021		
			SIZE A	DWG NO. ECS-160-CDX-2153
				REV -
Dimensions in mm			CAGE CODE: 1G8B7	SHEET 1 OF 1

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