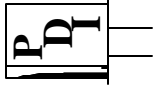
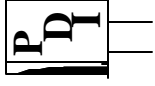


Precision Devices, Inc.



8840 N. Greenview Dr.
 Middleton, WI 53562
 Phone: 608-831-4445
 1-800-274-XTAL
 Fax: 608-831-3343



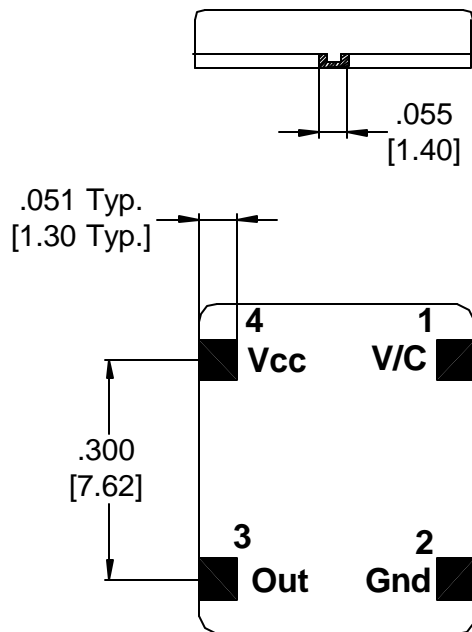
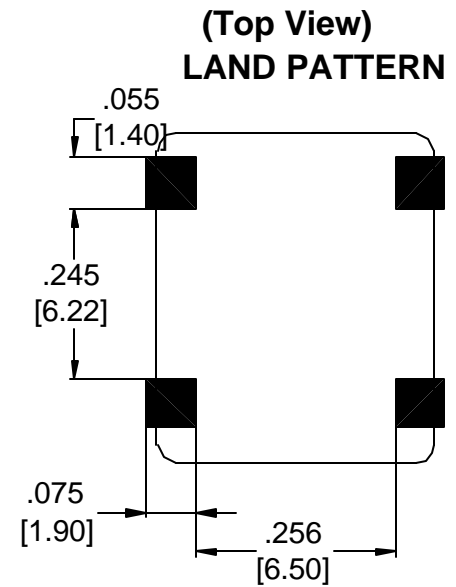
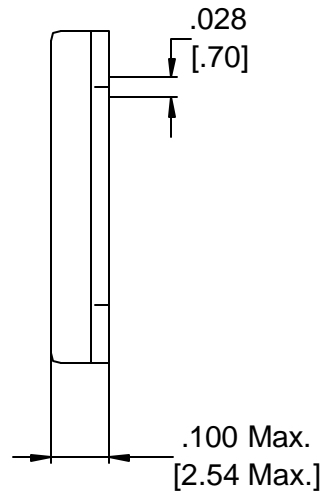
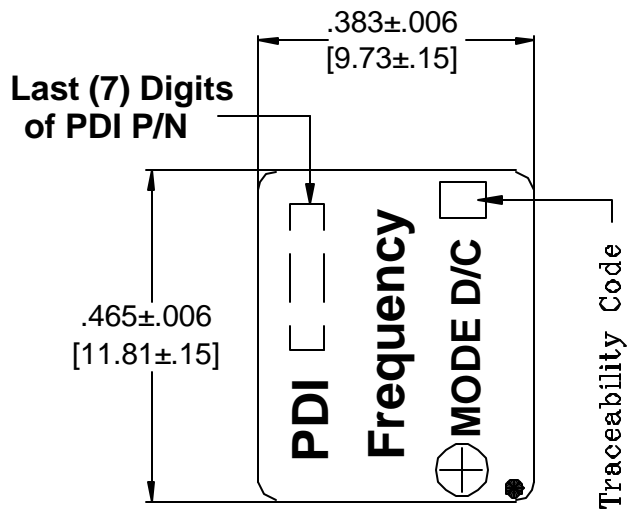
Visit our web site at www.pdixtal.com

Sales Information sales@pdixtal.com

Electrical Specifications

1. Center Frequency: 12.288000 MHz
 Freset Frequency: $\pm 0.5\text{ppm}/+25^\circ\text{C} \pm 2^\circ\text{C}$
2. Output Waveform: Clipped Sinewave, 0.8V pk.-pk.
3. Supply Voltage: +3.0Vdc $\pm 5\%$
4. Calibration Tolerance: $\pm 5\text{ppm}$ Maximum
5. Supply Current: 2.0mA Maximum
6. Frequency Stability: vs. Temperature: $\pm 2.5\text{ppm}$ Maximum
 vs. Supply: $\pm 0.3\text{ppm}$ Maximum
 vs. Load: $\pm 0.3\text{ppm}$ (10k Ohms//10pF $\pm 10\%$)
7. Operating Temperature Range: -30°C to $+75^\circ\text{C}$
 Storage Temperature Range: -40°C to $+85^\circ\text{C}$
8. Test Load: 10k Ohms//10pF
9. Control Voltage Range: +1.5Vdc $\pm 1.0\text{Vdc}$
 Pullability Range: $\pm 5\text{ppm}$ Minimum, $\pm 10\text{ppm}$ Maximum
10. Frequency Adjustment: $\pm 3\text{ppm}$ Minimum by internal trimmer

REV.	DATE	PAGE	DESCRIPTION	ECN	Originator	Date	Engineering	Date
					D.G.	11/5/09	B.A.	11/5/09
					TITLE Clipped Sinewave VCTCXO		FKA	18235
					PART NUMBER		SM3212288XWNNXX	
					DATE	SCALE	ECN.	REV.
					11/5/09	N.T.S.	E0893	A
A	11/09	2	Changed dimensions on mechanical drawing	E0893	SIZE	CAGE	Page 1 of 2	
					A	0S4G1		



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Manufacturer of Quartz Crystal Products

DECIMAL XX=±.020 XXX=±.008	DWG FILE 18235	PART NUMBER SM3212288XWNNXX	
METRIC XX=±.50 XXX=±.20	SCALE N.T.S.	FREQUENCY 12.288000 MHz	DRAWN BY D. Gibney
ANGULAR XX=±2°	REV. LEVEL A	ECN NO. E0893	DATE 11/5/09
		CAGE CODE 0S4G1	Page 2 of 2