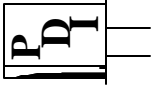
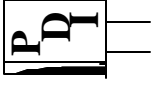


Precision Devices, Inc.



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 Middleton, WI 53562
 Phone: 608-831-4445
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 Fax: 608-831-3343



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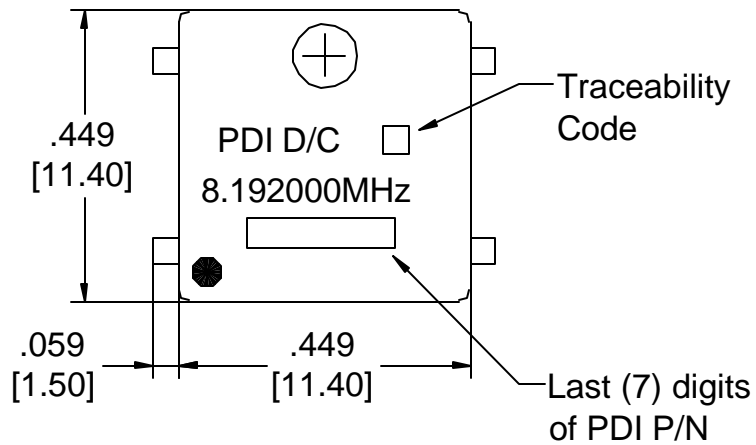
Sales Information sales@pdixtal.com

Electrical Specifications

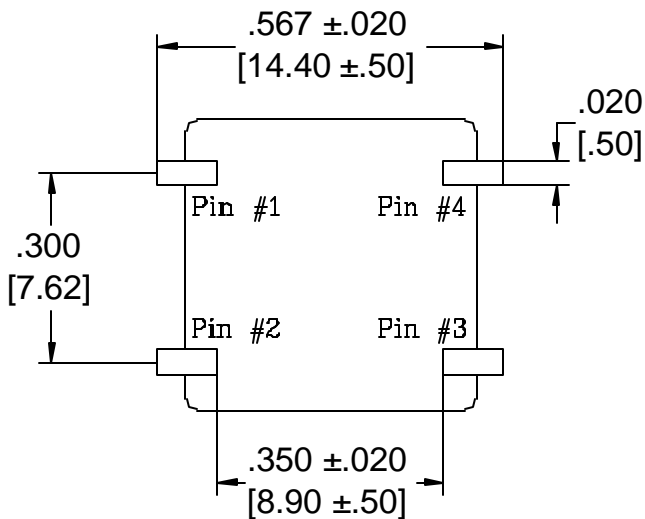
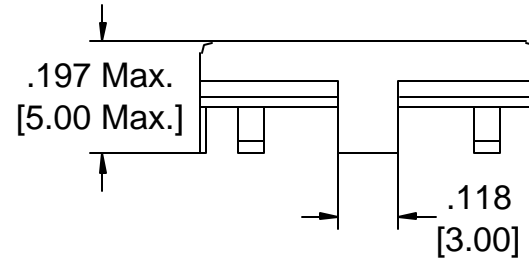
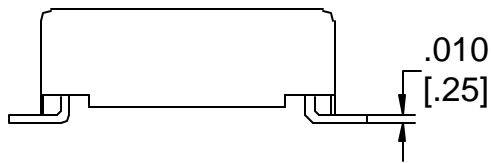
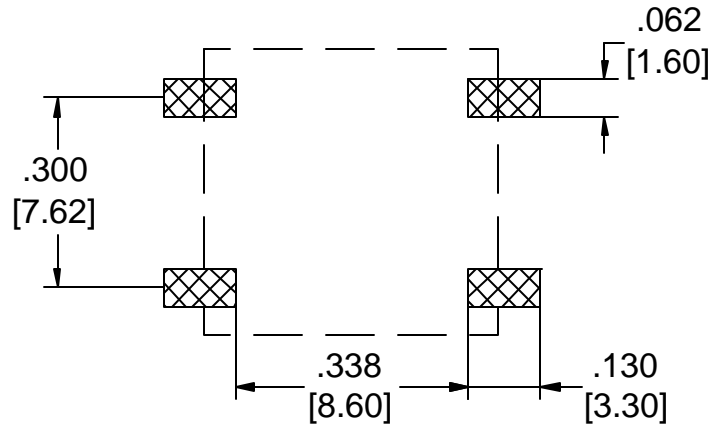
1. Nominal Frequency: 8.192000 MHz
2. Frequency Tolerance: ± 1.0 ppm
3. Operating Temperature: -20°C to $+70^{\circ}\text{C}$
4. Frequency Stability: vs Supply Voltage: ± 0.3 ppm
 vs Aging: ± 0.5 ppm/year
5. Supply Current: 20mA Maximum
6. Supply Voltage: $+5.0\text{Vdc} \pm 10\%$
7. Output: CMOS
8. Output Load: 20K Ohms//5.0pF
9. Frequency Adjustment by internal Trimmer: ± 3.0 ppm Minimum

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REV.	DATE	PAGE	DESCRIPTION	Auth.	ECN	Originator	Date	Engineering	Date
						J.L.	3/16/09	C.H.	3/16/09
						TITLE		FKA	17427
						Temperature Controlled Crystal Oscillator			
						PART NUMBER TC3708192XCLBXX			
						DATE	SCALE	ECN.	REV.
						3/16/09	N.T.S.	E0857	A
A	3/09	2	Changed package height from 3.80 \pm .20 to 5.00 Max.	J.L.	E0857	SIZE	CAGE	Page 1 of 2	
						A	0S4G1		



Recommended Pad layout



PIN	Connection
1	Vcc
2	Output
3	Ground
4	Ground

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Manufacturer of Quartz Crystal Products

DECIMAL	DWG FILE	PART NUMBER	
XX=±.020 XXX=±.008	17427	TC3708192XCLBXX	
METRIC	SCALE	FREQUENCY	DRAWN BY
XX=±.50 XXX=±.20	N.T.S.	8.192000 MHz	J.Lawinger
ANGULAR	DRAWING TYPE		DATE
XX=±2°	Temperature Controlled Crystal Oscillator		3/16/09
	REV. LEVEL	ECN NO.	CAGE CODE
	A	E0857	0S4G1