

Pin	Connection
1	Ext. Tune
2-11	N/C
12	Common Ov. Case
13	Output
14-23	N/C
24	B+

Precision Devices Inc.

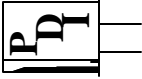
8840 N. Greenview Dr.
Middleton WI 53562
608-831-4445
1-800-274-XTAL



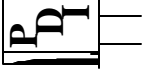
Manufacturer of Quartz Crystal Products

DECIMAL XX=±.020 XXX=±.008	DWG FILE 17946	PART NUMBER SPCL60000XTLAXA	
METRIC XX=±.50 XXX=±.20	SCALE N.T.S.	FREQUENCY 60.00080MHz	DRAWN BY D. Gibney
ANGULAR XX=±2°	REV. LEVEL N/A	ECN NO. N/A	DATE 5/7/09
		CAGE CODE OS4G1	Page 2 of 2

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Electrical Specifications

1. Center Frequency: 60.000800 MHz
2. Temperature Stability: ± 1.0 ppm over 0°C to +70°C
3. Operating Temperature Range: 0°C to +70°C
4. Storage Temperature Range: -55°C to +125°C
5. Aging: <1ppm/year
6. Short Term Stability: 1.0ppb/sec
7. Frequency vs. Supply Voltage: 2x10⁻⁸/percent ≥ 10 V
8. Output: +7dBm Min./ 8.5dBm Max. into 50 Ohms
 - 2nd Harmonics: -20dBc Minimum
 - 3rd Harmonics: -20dBc Minimum
9. Supply Current: < 40mA
10. Supply Voltage: +12.5V $\pm 5\%$
11. Frequency Adjust: Via external 20K pot settable $\pm 1 \times 10^{-7}$ with a range settable to compensate for 5 years.
 - 12. Max Phase Noise:
 - @ 100 Hz offset: -110 dBc/Hz
 - @ 1.0 KHz offset: -130 dBc/Hz
 - @ 10 KHz offset: -135 dBc/Hz
 - @ 50 KHz offset: -140 dBc/Hz

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REV.	DATE	PAGE	DESCRIPTION	Auth.	ECN	Originator	Date	Engineering	Date
						TITLE		FKA	
						Temperature Controlled Crystal Oscillator			
						PART NUMBER			
						DATE	SCALE	ECN.	REV.
							N.T.S.		
						SIZE	CAGE	OS4G1	Page 1 of 2
						A			