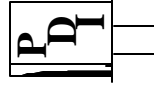
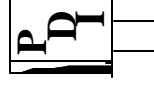


Precision Devices, Inc.



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

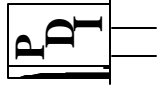
Electrical Specifications

1. Center Frequency: 50.000000 MHz
2. Output: LVDS
3. Frequency Tolerance: ± 25 ppm
4. Operating Temperature Range: -40°C to $+85^{\circ}\text{C}$
5. Frequency Stability over Temperature: ± 25 ppm
6. Storage Temperature Range: -55°C to $+125^{\circ}\text{C}$
7. Supply Voltage: $+3.3\text{Vdc} \pm 5\%$
8. Supply Current: 85mA Max.
9. Jitter: 1pS RMS Max., from 12KHz to 20MHz
10. T-Rise/T-Fall: 20% to 80% differential output in 400pS
11. Duty Cycle: 45/55%
12. Load: 100 Ohms
13. Output Level: 250mV Typ., 450mV Max. LVDS

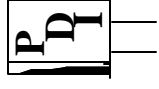
The information contained in this drawing is the sole property of Precision Devices Inc. Any reproduction in part or as a whole without the written permission of Precision Devices Inc. is prohibited.

REV.	DATE	PAGE	DESCRIPTION	Auth.	ECN	Originator	Date	Engineering	Date
						J.L.	4/27/09	C.H.	4/27/09
						TITLE Crystal Oscillator Assembly		FKA	6786R
						PART NUMBER	LV0750000XMBDRX		
						DATE	SCALE	ECN.	REV.
						4/27/09	N.T.S.		A
						SIZE	CAGE	Page 1 of 4	
						A	0S4G1		

Precision Devices, Inc.



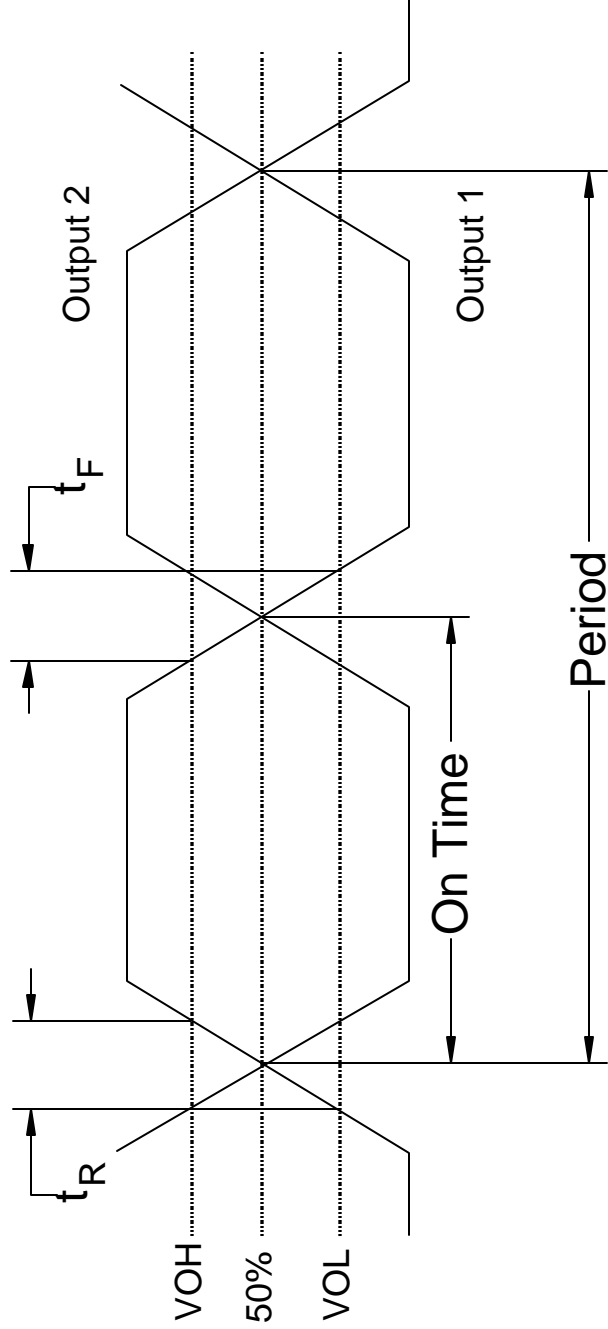
8840 N. Greenview Dr.
 Middleton, WI 53562
 Phone: 608-831-4445
 1-800-274-XTAL
 Fax: 608-831-3343



Visit our web site at www.pdixtal.com

Sales Information sales@pdixtal.com

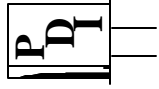
Output Waveform:



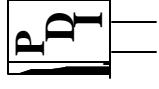
The information contained in this drawing is the sole property of Precision Devices Inc. Any reproduction in part or as a whole without the written permission of Precision Devices Inc. is prohibited.

REV.	DATE	PAGE	DESCRIPTION	Auth.	ECN	Originator	Date	Engineering	Date
						J.L.	4/27/09	C.H.	4/27/09
						TITLE Crystal Oscillator Assembly		FKA	6786R
						PART NUMBER	LV075000XMBDRX		
						DATE	SCALE	ECN.	REV.
						4/27/09	N.T.S.		A
						SIZE	CAGE		Page 2 of 4
						A	0S4G1		

Precision Devices, Inc.



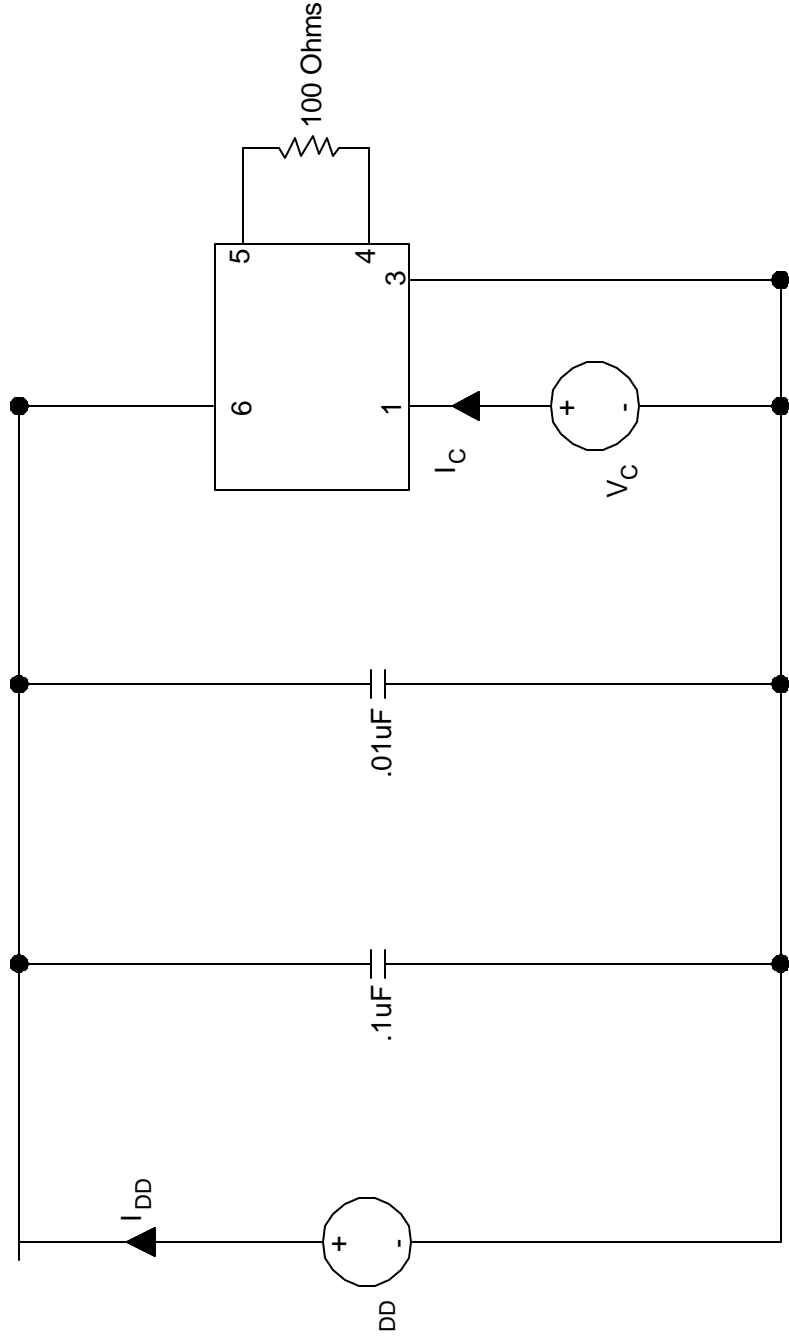
8840 N. Greenview Dr.
Middleton, WI 53562
Phone: 608-831-4445
1-800-274-XTAL
Fax: 608-831-3343



Visit our web site at www.pdixtal.com

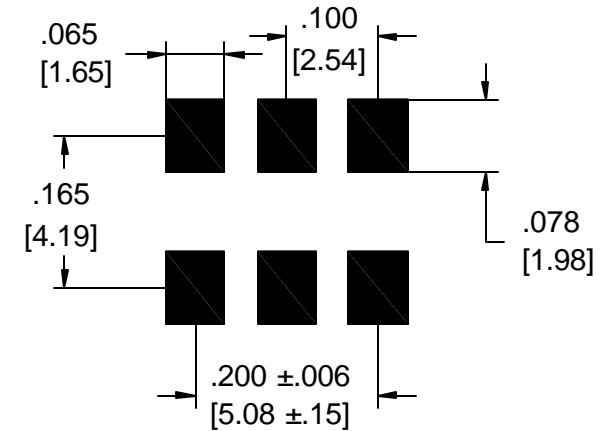
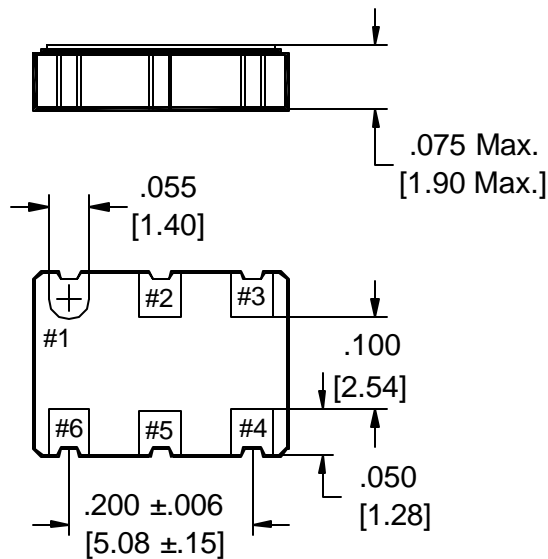
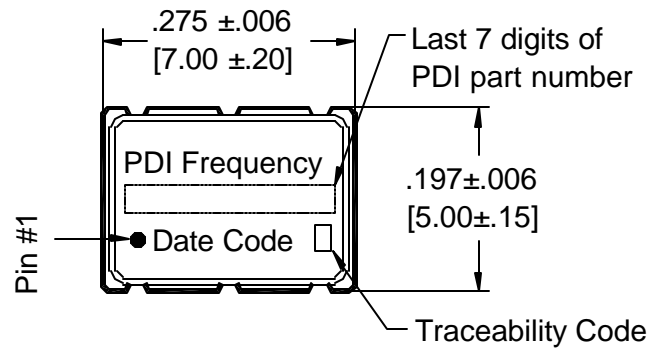
Sales Information sales@pdixtal.com

Typical Output Test Conditions (25±5°C):



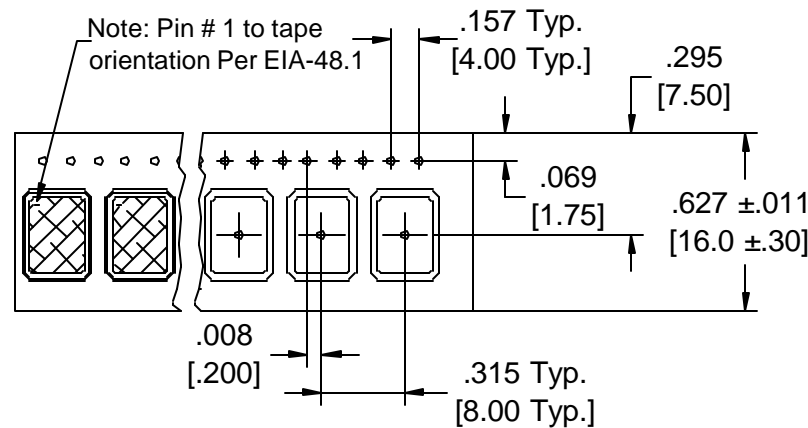
The information contained in this drawing is the sole property of Precision Devices Inc. Any reproduction in part or as a whole without the written permission of Precision Devices Inc. is prohibited.

REV.	DATE	PAGE	DESCRIPTION	Auth.	ECN	Originator	Date	Engineering	Date
						J.L.	4/27/09	C.H.	4/27/09
						TITLE Crystal Oscillator Assembly		FKA	6786R
						PART NUMBER		LV075000XMBDRX	
						DATE	4/27/09	SCALE	REV.
						SIZE	A	ECN.	A
						CAGE	0S4G1		Page 3 of 4



Recommended Land Pattern

PIN	CONNECTION
1	Tristate
2	No Connect
3	Ground
4	Output 1
5	Output 2
6	Vcc



Precision Devices Inc.

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



Manufacturer of Quartz Crystal Products

DECIMAL	DWG FILE	PART NUMBER	
XX=±.020 XXX=±.008	6786R	LV0750000XMBDRX	
METRIC	SCALE	FREQUENCY	DRAWN BY
XX=±.50 XXX=±.20	N.T.S.	50.000000 MHz	J.Lawinger
ANGULAR	DRAWING TYPE	DATE	4/27/09
XX=±2°	LVDS Crystal Oscillator Assembly		
	REV. LEVEL	ECN NO.	CAGE CODE
	A		0S4G1