

3640MHz VOLTAGE CONTROLLED OSCILLATOR

ACRO-300-3640



Dimensions: 0.91 x 0.91 x 0.22in

STANDARD SPECIFICATIONS:

	Min	Typ	Max	Units	Cond.
Frequency Range	3640		4044	MHz	1
Tuning Voltage	0		15	V	1
Modulation Sensitivity				MHz/V	3
Operates with Vtune = 0V	15	25	35		3
Output Power	-2	0	+2	dBm	1
Phase Noise					
1KHz Offset			-99	dBc/Hz	2
10KHz Offset				dBc/Hz	3
100KHz Offset				dBc/Hz	2
1MHz Offset				dBc/Hz	2
Pushing			3	MHz/V	3
Pulling (14 db R.L.)			TBD	MHz	3
Modulation Bandwidth:		N/A		MHz	4
Tuning Port Capacitance		100		pF	2
Harmonics		-10	-10	dBc	3
Sub-Harmonics	2 nd	-20		dBc	3
	3 rd			dBc	3
	4 th			dBc	3
Vcc		7		V	5
Icc		TBD		mA	5
Operating Temperature	-35		+70	C	3
Package		0.91		inch sq.	5

COND. NOTES:

1. Tested in production
2. Per current design, not a tested parameter
3. Sample tested from production lot
4. Not a tested or guaranteed design goal
5. By inspection

MARKING:

- 2450
 - ACV2ZY
- (Z for month, Y for year
ex. D3 for April 2003)

NOTES:

1. Except for output pins, bottom is solid ground plane
2. All dimensions in mils.
3. All holes are plated through

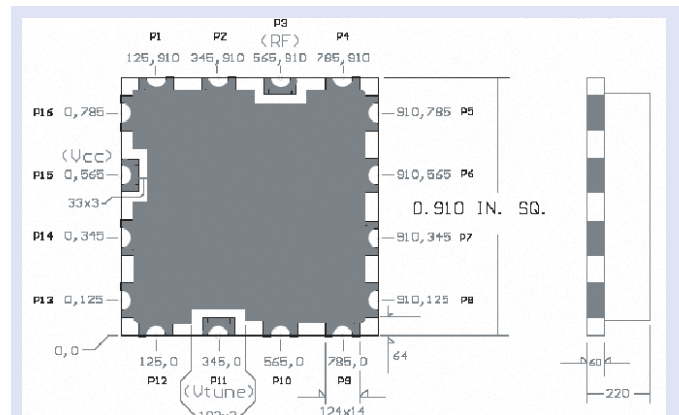
LABEL ARROW POINTS TO RF OUT

PINOUT

P3 = RF OUT
P11 = Vtune
P15 = Vcc
ALL OTHER PINS = GND

OPTION T for Tape and Reel

OUTLINE DRAWING:



Dimensions: inch (mm)