

● FEATURES

- SMALL SMD PACKAGE
- LOW JITTER
- 3rd OVERTONE CRYSTAL DESIGN

MODEL CE8450A

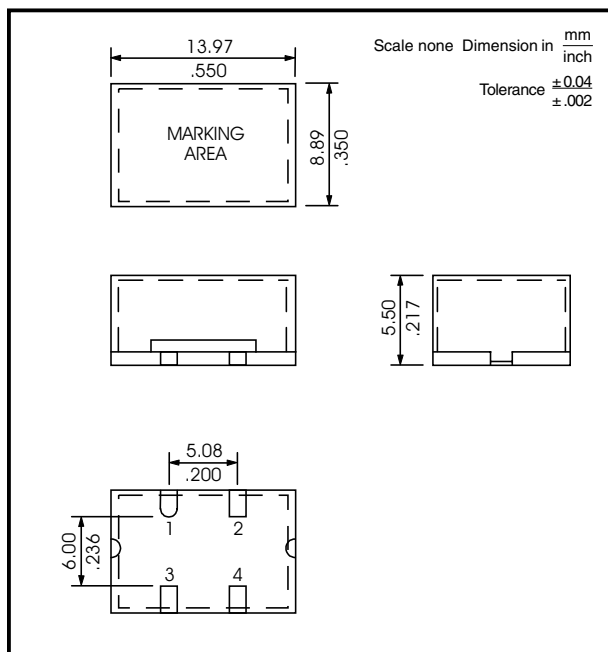
REVISION: A

DATE: 4/4/03

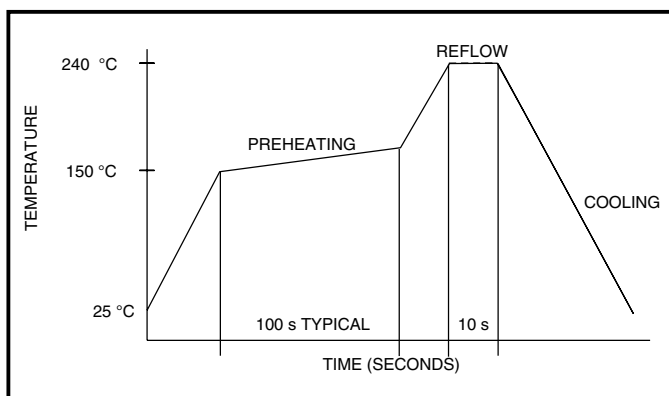
● SPECIFICATIONS

PARAMETER	SYMBOL	CONDITIONS	VALUE	UNIT
SUPPLY VOLTAGE, NOMINAL	Vcc	Vcc ±5%	3.3	V
SUPPLY CURRENT, MAX	Is	Vcc=3.3V, Ta=25°C, 15pF LOAD	70.0	mA
NOMINAL FREQUENCY	fo	-	125.00, 133.00, 156.25	MHz
OVERALL FREQUENCY STABILITY MAX	$\Delta f/f_c$ (Ta)	Ta=-40°C to +85°C, (REF. TO 25°C), Vcc=+3.3 VDC, 15pF LOAD	±50.0	PPM
HCMOS	VOH / VOL	LOAD=15pF; Vcc=3.3V	2.97 / 0.3	V
DUTY CYCLE	DC	LOAD, NOM. / 50% Vcc	40 TO 60	%
RISE & FALL TIME, MAX	tr / tf	20% TO 80% Vout, 80% TO 20% Vout	3	ns
ENABLE OPTION	(pin 1)	PIN 1 = "HIGH" OR OPEN	OSCILLATING	-
DISABLE OPTION	(pin 1)	PIN 1 = "LOW" OR GROUND	TRI-STATE (OUTPUT PIN HIGH-Z)	-
JITTER	J	Fj > 1 KHz, 1 σ	1 pS RMS	pS
STORAGE TEMPERATURE	T(store)	-	-55 TO +125	°C
ABSOLUTE VOLTAGE RANGES	Vcc, Vc(abs)	NON-DESTRUCTIVE, DC	-0.5 TO +7.0	V

● OUTLINE DRAWING



● REFLOW SOLDERING PROFILE



● PACKAGING

53 PIECES PER PLASTIC TUBE

● PIN CONNECTION

PIN	FUNCTION
1	N.C. OR E/D
2	CASE/GND
3	OUTPUT

● EXAMPLE:

CE8450A-D3-125.000-4-FR5