

CONDENSED PARTS LIST FOR THE Q-TECH CRYSTAL OSCILLATORS

Q-TECH CRYSTAL
 10150 W. Milliken Ave.
 Suite 101, Milpitas, CA 95026
 (415) 947-1100
 (415) 947-1101
 (415) 947-1102

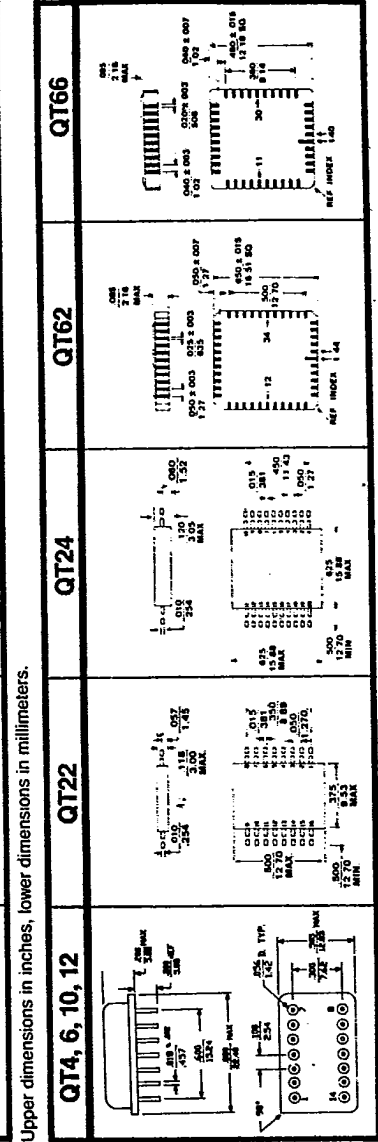
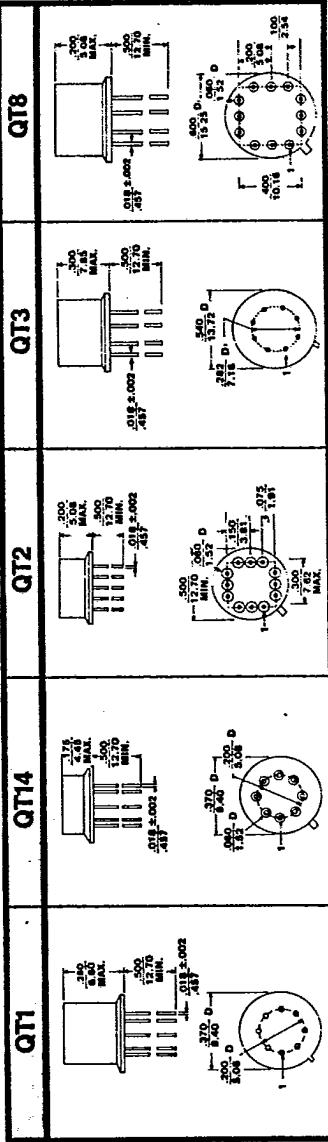
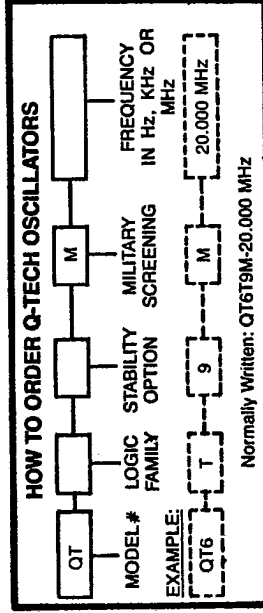
MKT/CCOX 8-90

LOGIC FAMILY	TTL	CMOS	CMOS	HMOS / HCMOS	ECL
INPUT VOLTAGE	5.0V	5.0V - 10.0V	10.0V - 15.0V	5.0V	-5.2V
FREQUENCY RANGE					
EQUIVALENT MIL-O-PIN M 55310/XX					
/09 - TTL & /12 - CMOS	400 Hz - 60 MHz	1.5 KHz - 9.5 MHz	1.5 MHz - 15 MHz	400 Hz - 60 MHz	N/A
N/A	1 Hz - 80 MHz			.01 Hz - 80 MHz	1 MHz - 200 MHz
N/A	1.5 KHz - 60 MHz	1 Hz - 8.5 MHz	1 Hz - 15 MHz	.01 Hz - 60 MHz	N/A
/10 = TTL & /13 = CMOS	0.1 Hz	0.01 Hz	0.01 Hz	.03 Hz	1 MHz
/14 = TTL	100 MHz	8.5 MHz	15 MHz	100 MHz	200 MHz
/16 & /17 = TTL & /18 = CMOS	1.5 KHz - 60 MHz	1 Hz	1 Hz	1.5 KHz - 60 MHz	N/A
/08 = TTL & /11 & /15 = CMOS	1 Hz - 100 MHz	1 Hz	1 Hz	1 Hz - 100 MHz	4 MHz
N/A	1.5 KHz - 80 MHz	8.5 MHz	15 MHz	1.5 KHz - 80 MHz	100 MHz
N/A	1.5 KHz - 68 MHz	8.5 MHz	15 MHz	1.5 KHz - 66 MHz	100 MHz

MODEL #	PKG.	PIN CONNECTIONS	
		VCC/VDD	GND/CASE
QT1	TO 5	8	4/4
QT14	TO 5	8	4/4
QT2	TO 8	12	6/6
QT3	TO 8	8	4/4
QT4	DIP	4	7/7
QT6	DIP	14	7/7
QT10	DIP	14	8/2
QT12	DIP	14	7/7
QT22	FP	8	9/9
QT24	FP	13	10/10
QT62	LCC	6, 12	34, 40
QT66	LCC	4, 10	31, 37

FREQUENCY STABILITY Vs TEMPERATURE**		
OPTION CODE	± %	TEMPERATURE
1	.01	0°C - +70°C
4	.005	
2	.005	0°C - +50°C
3	.0005	
5	.0025	-20°C - +70°C
6	.005	-55°C - +105°C
9	.005	-55°C - +125°C
10	.01	

TO CUSTOMER SPECIAL REQUIREMENTS
 * REQUIRES TUNING CAPACITOR
 ** ALL UNITS OPERATE FROM -55°C TO +125°C.
 TOLERANCE UNSPECIFIED OUTSIDE OF TEMPERATURE LIMITS



Upper dimensions in inches, lower dimensions in millimeters.