Q-TECH CORPORATION
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1650 W. 134th Street
Gardena, CA 90249-2484 USA

CONDENSED CHART FOR Q-TECH CRYSTAL CLOCK OSCILLATORS

LOGIC FAMILY →	TTL	CMOS		HCMOS / ACMOS	ECL
INPUT VOLTAGE →	5.0V	5.0V - 10.0V	10.0V - 15.0V	5.0V	-5.2V

MODEL #	PCKG.	PIN CONNECTIONS VCC/VDD	GND/CASE	OUT	EQUIVALENT MIL-0-P/N M 55310/XX	FREQUENCY RANGE				
QT1	TO 5	8	4/4	5	/09 = TTL & /12 = CMOS	400 Hz - 60MHz	1.5 KHz - 8.5 MHz	1.5 MHz - 15 MHz	400 Hz - 60 MHz	N/A
QT14	TO 5	8	4/4	5	N/A					
QT2	TO 8	12	6/6	5	N/A	1 Hz - 80 MHz	1 Hz - 8.5 MHz	1 Hz - 15 MHz	.01 Hz - 80 MHz	1 MHz - 200 MHz
QT3	TO 8	8	4/4	5	/10 = TTL & /13 = CMOS	1.5 KHz - 60 MHz			.01 Hz - 60 MHz	N/A
QT4	DIP	4	7/7	5	/14 = TTL	0.1 Hz	0.01 Hz	0.01 Hz	.03 Hz	1 MHz
QT6	DIP	14	7/7	8	/16 & /17 = TTL & /18 = CMOS		↓	↓	↓	↓
QT10	DIP	14	8/2	1	/08 = TTL & /11 & /15 = CMOS					
QT12	DIP	14	7/7	4	N/A	100 MHz	8.5 MHz	15 MHz	100 MHz	200 MHz
QT22	FP	8	9/9	10	N/A	1.5 KHz - 60 MHz	1 Hz	1 Hz	1.5 KHz - 60 MHz	N/A
QT24	FP	13	10/10	11	/21 = TTL	1 Hz - 100 MHz	↓	↓	1 Hz - 100 MHz	4 MHz
QT62	LCC	6, 12	34, 40	42	/20 = TTL	1.5 KHz - 80 MHz			1.5 KHz - 80 MHz	↓
QT66	LCC	4, 10	31, 37	39	/19 = TTL	1.5 KHz - 66 MHz	8.5 MHz	15 MHz	1.5 KHz - 66 MHz	100 MHz

FREQUENCY STABILITY Vs TEMPERATURE**

OPTION CODE	±%	±PPM	TEMPERATURE
1	.01	100	0°C – +70°C
4	.005	50	
2	.005	50	0°C – +50°C
* 3	.0005	5	
5	.0025	25	-20°C – +70°C
6	.005	50	-55°C – +105°C
9	.005	50	-55°C – +125°C
10	.01	100	
8	TO CUSTOMER SPECIAL REQUIREMENTS		

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

HOW TO ORDER Q-TECH OSCILLATORS

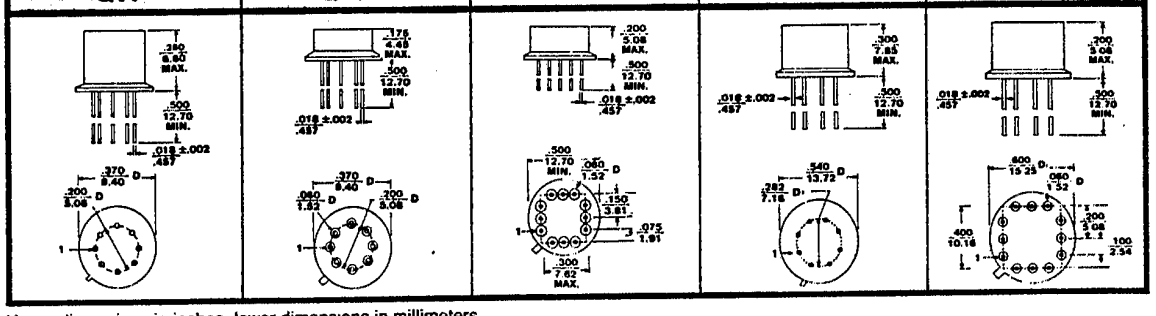
QT			M	
MODEL #	LOGIC FAMILY	STABILITY OPTION	MILITARY SCREENING	FREQUENCY IN Hz, KHz OR MHz

EXAMPLE:

QT6	T	9	M	20.000 MHz

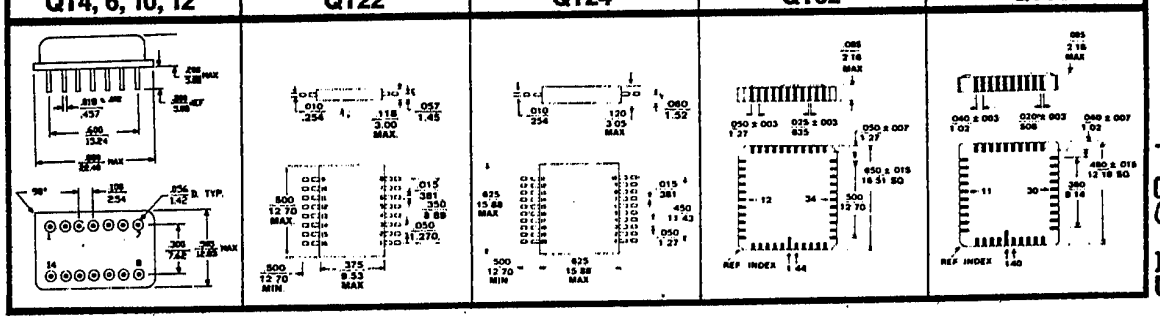
Normally Written: QT6T9M-20.000 MHz

QT1 | QT14 | QT2 | QT3 | QT8



Upper dimensions in inches, lower dimensions in millimeters.

QT4, 6, 10, 12 | QT22 | QT24 | QT62 | QT66



Q-TECH CORP 32E D ■ 7451533 0000051 1 ■ QTE T-50-23