



Clock Oscillators, J-Lead Packages

MODEL	C74	C77
FREQ' RANGE	1.80 to 50.00 MHz	
FREQ' STABILITY	Standard: ± 50 PPM Optional: ± 25 PPM	
OPERATING TEMP' RANGE	-10°C to $+70^{\circ}\text{C}$ -40°C to $+85^{\circ}\text{C}$	
OUTPUT WAVEFORM	HCMOS/ TTL compatible High Level (VOH): $0.9V_{cc}$ Min. Low Level (VOL): $0.1V_{cc}$ Max. Symmetry: $(50 \pm 10\%)$ or $(50 \pm 5\%)$ Rise/ Fall time: 5nSec Max.	
LOAD	15 pF	50 pF
SUPPLY VOLTAGE	$5.0 \text{ Vdc} \pm 10\%$	$3.3 \text{ Vdc} \pm 10\%$
SUPPLY CURRENT	25 mA Max. for $F < 32.00$ MHz 35 mA Max. for frequencies between 32.00 MHz to 50.00 MHz	
ENABLE / DISABLE	Enable: High (above 2.2V) or open Disable: Low (below 0.8V)	
J-LEAD PACKAGE	14.0 X 9.8 X 4.7 mm. 500 pc s min. Tape & Reel	

Environmental Conditions

SHOCK

IEC 68-2-27 (Test Ea) 30G, 18 mSec, Half Sine

VIBRATION

IEC 68-2-6 (Test Fc), 0.35mm, 5G, 10-2000Hz, 6 cycles/ axis
(Fig.2, Table V)

THERMAL SHOCK

IEC 68-2-14 (Test Na), 30 min. in each extreme temperature

SOLDERING HEAT

$235^{\circ}\text{C} \pm 5^{\circ}\text{C}$ for 10 Sec. Max. Solder melting point: 217°C



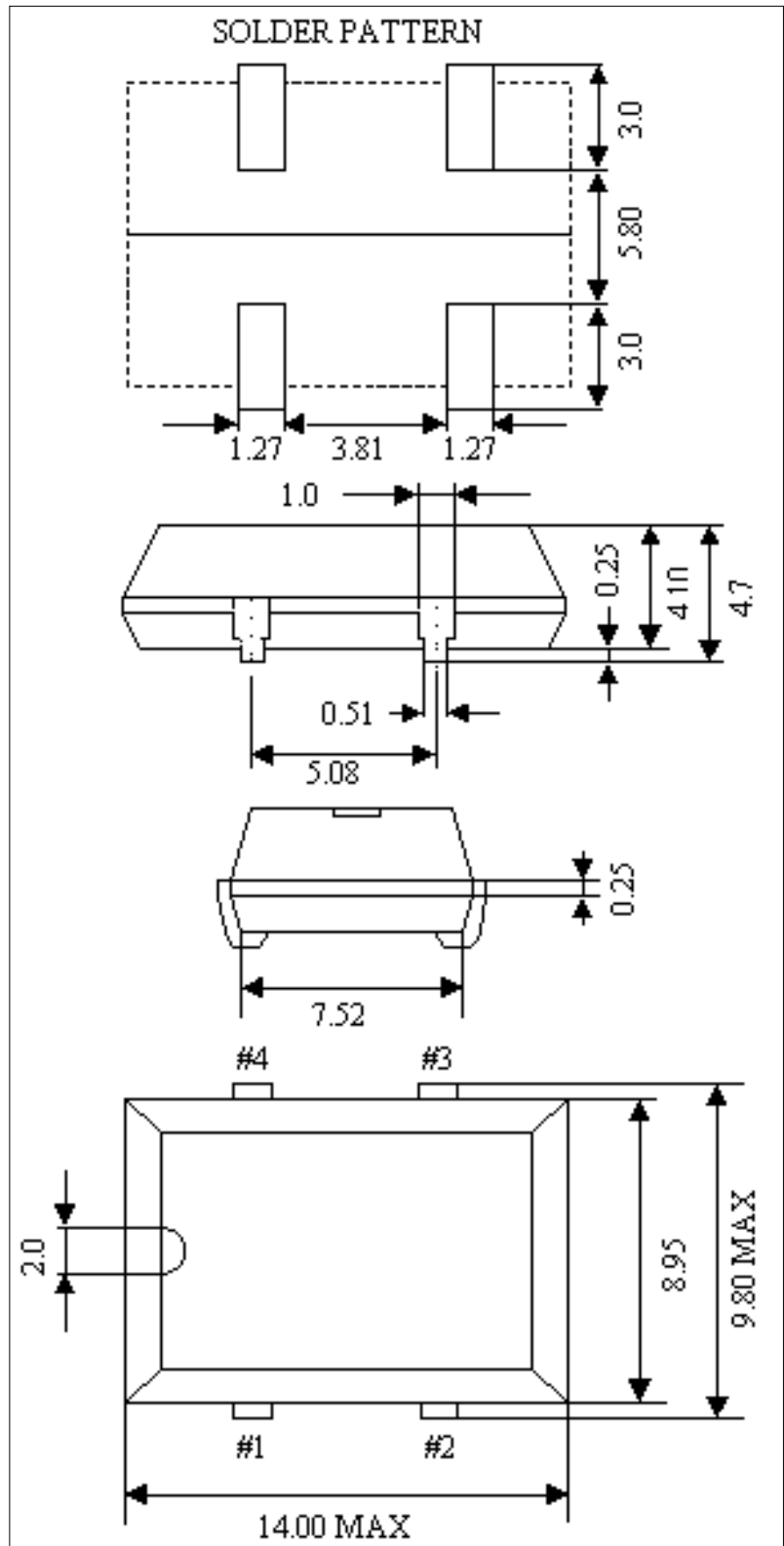
Tect Electronics

The authorized distributor in the Greater China Region

C74, C77

Pin	Function
1	E/D
2	GND
3	Output
4	Vcc

Dimensions in mm.



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