

FEATURES

- * 3.3 or 5.0V version
- * Miniature profile
- * Low power consumption
- * Standby function
- * Tape & Reel (1,000 pcs)

The ISO-7X5 Series are miniature, crystal controlled, low current clock oscillator in a ceramic SMD package. The low profile package is ideal for today's advanced portable PC and instrumentation designs.



OPERATING CONDITIONS/ELECTRICAL CHARACTERISTICS

FREQUENCY RANGE	MHz	1.0MHz~156MHz				
FREQUENCY STABILITY	ppm	A:±50 B:±25				
OPERATING TEMP	°C	0~+70,-40~+85				
STORAGE TEMP	°C	-55~+125				
POWER SUPPLY VOLTAGE	VDC	+1.8±5%	±2.5±5%	+3.3±10%	+5.0±10%	+5.0±10%
OUTPUT LEVEL		CMOS				TTL
OUTPUT SYMMETRY	%*	45~55(50% VDD)				40~60(at1.4V DC)
INPUT CURRENT						
1.0~9.99MHz		5	6	7	10	15
10~19.99MHz		6	8	7	15	20
20~31.99MHz	mA	6	8	12	25	30
32~49.99MHz	(Max.)	15	20	20	35	40
50~79.99MHz		15	20	25	50	50
80~99.99MHz		20	25	30	60	60
100~156MHz		25	30	40	80	80
RISE/FALL TIME						
1.0~31.99MHz		5	5	10	10	10
32~49.99MHz		5	5	10	6	5
50~79.99MHz	nS	4	4	8	5	5
80~99.99MHz	(Max.)	3	3	5	5	5
100~156MHz		3	3	4	4	4
OUTPUTLOAD		15pF				10TTL
AGING	PPm	±3				

PACKAGE DIMENSIONS (mm)

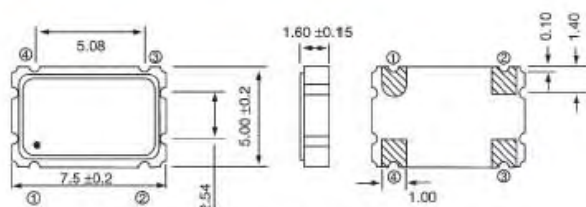


Figure 1) ISO-7X5 Top, Side and Bottom views

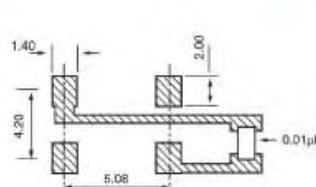


Figure 2) Land Pattern

PIN CONNECTIONS	
#1	TRI-STATE***
#2	GND
#3	OUTPUT
#4	VCC

ISO-7X5 Standby Control Voltage	
PIN#1=OPEN ***	#3=OSCILLATION
PIN#1=VCCx0.9MIN	#3= OSCILLATION
PIN#1=VCCx0.1MAX	#3=HIGH IMPEDANCE