

ASO7 CMOS Compatible

7x5mm Surface Mount Ceramic
Crystal Oscillator

Applications:

- SD Card
- Portable Multimedia Player
- Consumer Electronics
- HDD
- OA Terminal
- CCD
- Digital Camera
- Wireless LAN

FEATURES

- Seam Seal
- Excellent Solderability
- Tri-State
- CMOS Compatible
- Low Power Consumption
- RoHS/REACH Compliant

SPECIFICATION

MODEL		ASO71C	ASO72C	ASO73C	ASO7xC
Frequency Range	MHz	0.500 ~ 156.250			0.500 ~ 40.000
Frequency Stability*	ppm	$\pm 20 \sim \pm 100$			
Temperature Range					
Operating Temp	°C	-40 to +125 or Specify			
Storage Temp	°C	-55 to +125			
Power Supply Voltage	VDC	+1.8 $\pm$ 5%	+2.5 $\pm$ 5%	+3.3 $\pm$ 10%	+1.62 ~ +3.63
Output Level		CMOS			
Output Symmetry	%**	40 ~ 60 (at 50% VDC)			
Input Current					
0.5~9.99MHz	mA (Max)	5	6	7	7
10~19.99MHz		6	7	7	7
20~31.99MHz		6	8	12	12
32~49.99MHz		15	20	20	20
50~79.99MHz		15	20	25	
80~99.99MHz		20	25	30	
100~156.25MHz		25	30	40	
Rise / Fall Time					
0.5~31.99MHz	nS (Max)	5	5	10	10
32~49.99MHz		5	5	10	10
50~79.99MHz		4	4	8	
80~99.99MHz		3	3	5	
100~156.25MHz		3	3	4	
Output Load		15pF (30pF) (Max)			
Aging	ppm/Year	± 3			

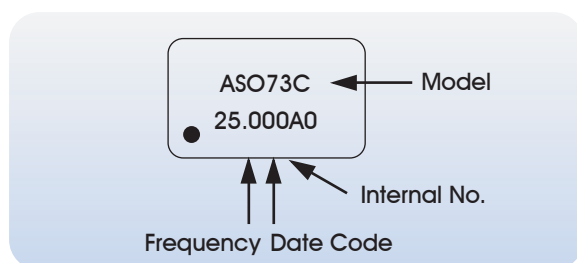
* Inclusive of 25°C $\pm$ 3°C & Operating Temperature Range.

** Symmetry of 45~55% is available.

ENABLE / DISABLE FUNCTION

Pin#1	Pin#3
HIGH (Open)	Output
Low	High impedance

MARKING RULE



DIMENSION (mm)

