

ASO7 CMOS Compatible for HiFi Audio

7x5mm Surface Mount Ceramic
Crystal Oscillator

Applications:

- HiFi Audio



FEATURES

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

SPECIFICATION

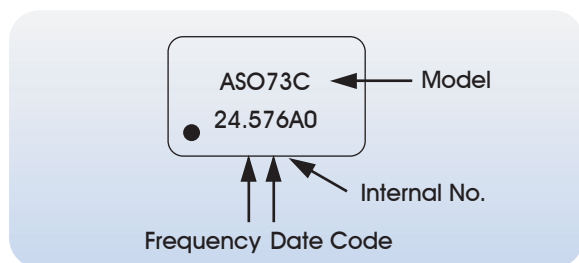
MODEL		ASO71C	ASO72C	ASO73C
Frequency Range	MHz	22.5792 / 24.5760		
Frequency Stability*	ppm	±25 ~ ± 100		
Temperature Range				
Operating Temp	°C	-40 to +85 or Specify		
Storage Temp	°C	- 55 to + 125		
Power Supply Voltage	VDC	+1.8 ± 5%	+2.5 ± 5%	+3.3 ± 5%
Output Level		CMOS		
Output Symmetry	%	45 ~ 55%		
Input Current	mA (Max)	6	8	12
Rise / Fall Time	nS (Max)	5	5	10
Output Load		15pF (Max)		
Phase Noise				
@10Hz Offset	dBc/Hz (Max)	-90	-95	-95
@100Hz Offset		-160	-165	-165
Phase Jitter RMS (Fj: 12K ~ 5MHZ)	pS (Max)	0.3	0.2	0.2
Aging	ppm/Year	±3		

* Inclusive of $25^{\circ}\text{C} \pm 3^{\circ}\text{C}$ & Operating Temperature Range.

ENABLE / DISABLE FUNCTION

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

MARKING RULE



DIMENSION (mm)

