

ASO55C CMOS/ ASO55T TTL Compatible

5x3.2mm 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/TTL Compatible
- Low Power Consumption
- RoHS/REACH Compliant

SPECIFICATION

MODEL		ASO55C	ASO55T
Frequency Range	MHz	0.500 ~ 100.000	
Frequency Stability*	ppm	±20 ~ ± 100	
Temperature Range			
Operating Temp	°C	- 40 to +125 or Specify	
Storage Temp	°C	- 55 to + 125	
Power Supply Voltage	VDC	+5.0 ± 10%	
Output Level		CMOS	TTL
Output Symmetry	%**	40 ~ 60 (at 50% VDC)	40 ~ 60 (at 1.4 VDC)
Input Current			
0.5~9.99MHz	mA (Max)	10	15
10~19.99MHz		15	20
20~31.99MHz		25	30
32~49.99MHz		35	40
50~79.99MHz		50	50
80~99.99MHz		60	60
100MHz		80	80
Rise / Fall Time			
0.5~31.99MHz	nS (Max)	10	10
32~49.99MHz		6	5
50~79.99MHz		5	5
80~99.99MHz		5	5
100MHz		4	4
Output Load		15pF (30pF) (Max)	10 TTL (Max)
Aging	ppm/Year	±3	

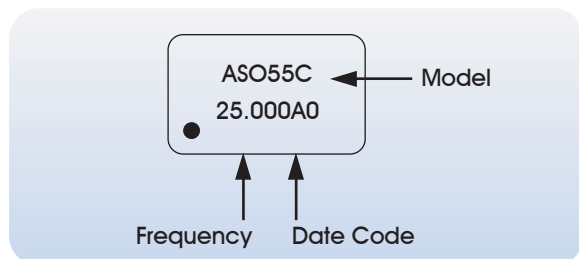
* Inclusive of $25^{\circ}\text{C} \pm 3^{\circ}\text{C}$ & Operating Temperature Range.

** Symmetry of 45~55% is available.

ENABLE / DISABLE FUNCTION

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

MARKING RULE



DIMENSION (mm)

