



ASO53K CMOS Compatible

3.3 Volt 5x3.2mm Surface Mount Ceramic Crystal Oscillator

Applications:

- Notebook PC
- Portable PC
- LCD
- Digital Camera
- Wireless LAN
- Mobile phone

FEATURES

- Seam Seal
- Excellent Solderability
- Tri-State
- RoHS Compliant
- Low Power Consumption

SPECIFICATION

MODEL		ASO53K
Frequency Range	KHz	32.768KHz
Frequency Stability*	ppm	±20 ~ ±100
Temperature Range		
Operating Temp	°C	-10 to +70
Storage Temp	°C	-55 to +125
Power Supply Voltage	VDC	+3.3 ± 10%
Output Level		CMOS
Output Symmetry	%**	40~60 (at 50% VDD)
Input Current	mA(Max.)	1.0
Rise / Fall Time	nS(Max.)	200
Output Load		15pF
Aging	ppm/Year	±3

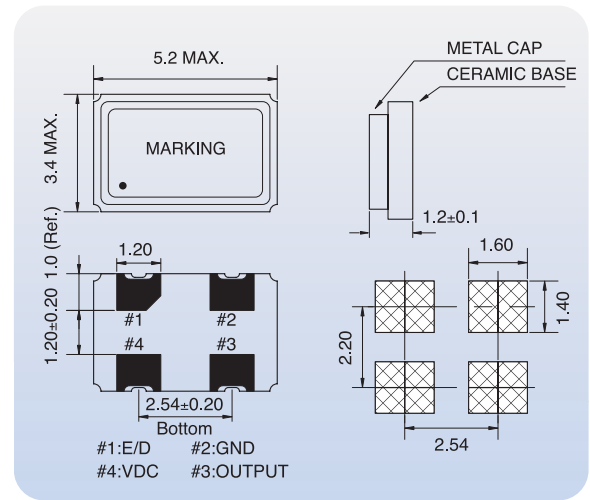
* Inclusive of 25°C ± 3°C & Operating Temperature Range.

** Symmetry of 45~55% is available.

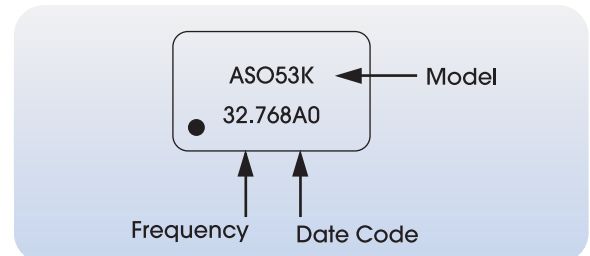
ENABLE / DISABLE FUNCTION

INH (# 1)	OUTPUT (# 3)
HIGH (Open)	Operating
Low	High impedance

DIMENSION (mm)



MARKING RULE



PART NUMBERING GUIDE

Example: ASO53K-32.768K-F2T

MODEL	Frequency	Stability	OP Temp Range	Tristate
ASO53K	In KHZ	C: ±20ppm D: ±25ppm E: ±30ppm F: ±50ppm G: ±100ppm O: Others	1: 0 to +70°C 2: -10 to +70°C 3: -20 to +70°C 4: -20 to +80°C 5: -40 to +85°C 6: -40 to +105°C 0: Others	T: Tristate N: Non-Tristate