



ASVO7 and ASVO5 CMOS Compatible

VCXO 3.3Volt and 5Volt SMD Voltage Controlled Crystal Oscillator

Applications:

- Wireless PBX
- Repeater for the Cable and Phone Products
- ADSL-XDSL
- Video Transmission
- Broad Casting
- SONET-SDH-ATM

FEATURES

- Seam Seal (SMD Type)
- Frequency Adjustable
- Low Power Consumption
- Heavy Loading Capability
- RoHS Compliant

SPECIFICATION

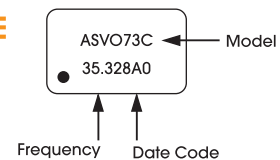
MODEL		ASVO73C	ASVO75C	ASVO53C	ASVO55C
Dimension	mm	7.0x5.0		5.0x3.2	
Frequency Range	MHz	1.000 ~ 52.000		1.000 ~ 52.000	
Frequency Stability*	ppm	±25 ~ ±100 (Vcon at 50% VDD)		±25 ~ ±100 (Vcon at 50% VDD)	
Frequency Control Range	ppm	±30 ~ ±150 Min		±30 ~ ±150 Min	
Control Voltage Range	V	10%VDD ~ 90%VDD		10%VDD ~ 90%VDD	
Temperature Range					
Operating Temp	°C	-10 to +70		-10 to +70	
Storage Temp	°C	-55 to +125		-55 to +125	
Power Supply Voltage	VDC	+3.3V ± 10%	+5.0V ± 10%	+3.3V ± 10%	+5.0V ± 10%
Output Level		CMOS		CMOS	
Output Symmetry	%	40~60% (**45~55 is available)		40~60% (**45~55 is available)	
Input Current	mA (Max.)	30	30	30	30
Rise / Fall Time	nS (Max.)	5	5	5	5
Output Load		15pF	15pF	15pF	15pF
Aging	ppm/Year	±5	±5	±5	±5

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

ENABLE / DISABLE FUNCTION

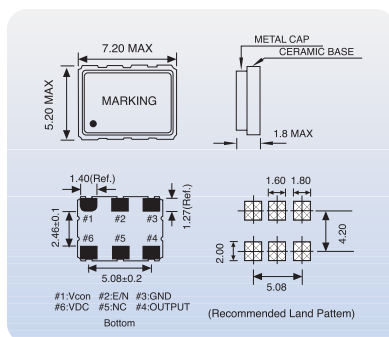
INH (# 2)	OUTPUT (# 4)
HIGH (Open)	Operating
Low	High impedance

MARKING RULE

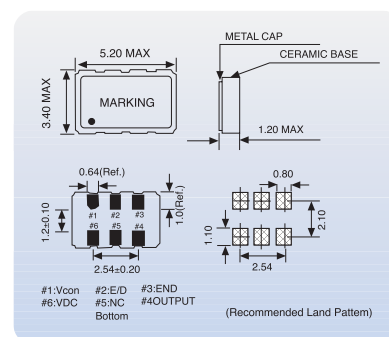


DIMENSION (mm)

ASVO7 Series



ASVO5 Series



PART NUMBERING GUIDE

Example: ASVO73C-35.328M-FC2

MODEL	Frequency	Stability	Pulling	OP Temp Range
ASVO73C	In MHZ	D: ±25ppm	C: 150ppm	1: 0 to +70°C
ASVO75C		E: ±30ppm	A: 100ppm	2: -10 to +70°C
ASVO53C		F: ±50ppm	D: 90ppm	3: -20 to +70°C
ASVO55C		G: ±100ppm	S: 75ppm	4: -20 to +80°C
		O: Others	B: 50ppm	5: -40 to +85°C
				6: -40 to +105°C
				0: Others