

Features

- ★ Small size
- ★ Surface mounted
- ★ 4 pads
- ★ Supply voltage 3.3V & 5.0V

Applications

- ★ PC main boards
- ★ IT applications
- ★ Telecommunications
- ★ Data communications



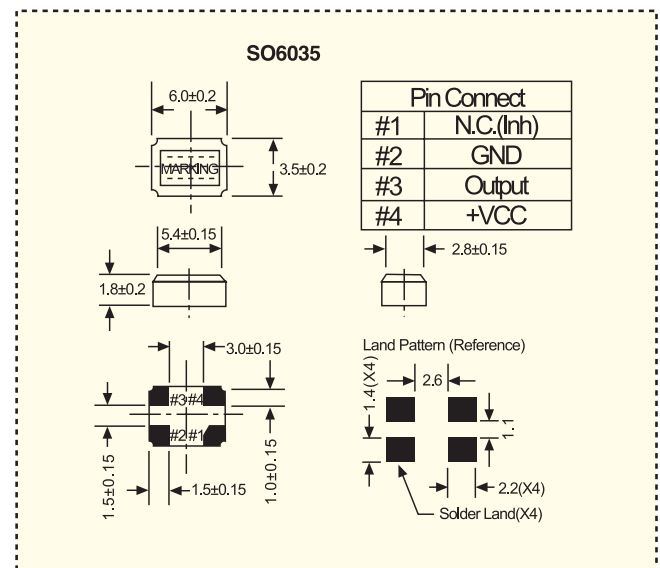
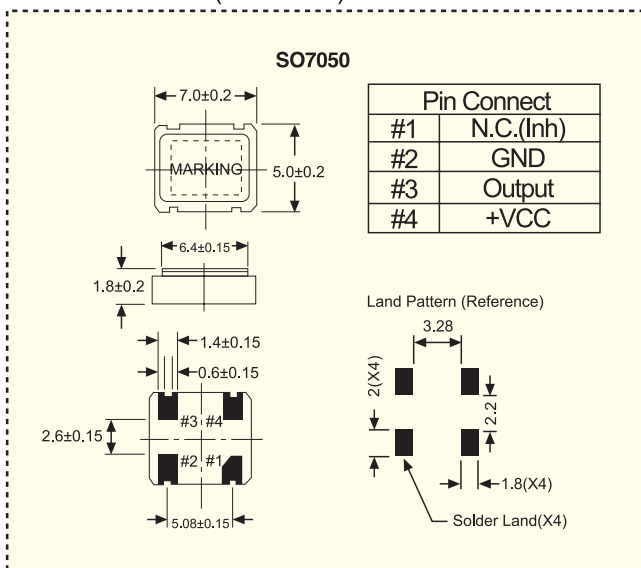
Specifications (Characteristics)

Item	Unit	SO-7050		SO-6035	
Frequency Range	MHz	0.5~107		0.5~125	
Frequency Stability	ppm			±25, 50, 100	
Operating Temp. Range	°c	0 ~ +70			
Storage Temp. Range	°c	-55 ~ +125			
Power Supply Voltage	VDC	+5 (±5%)	+3.3	+5 (±5%)	+3.3
Current Consumption	mA	15 ~ 60 Max		10 ~ 50 Max	
Output		TTL-CMOS (See Table 1)			

Table 1

Output Level	Unit	CMOS	TTL
"0" Level	V	Vol: 0.1Vdd Max	Vol: 0.4 Max
"1" Level		Voh: 0.9Vdd Min	Voh: 2.4 Min
Rise & Fall Time	ns	10 Max: F≤40MHz 6 Max: F>40MHz	
Load		At 10%~90% VDD 15pF	At 0.4~2.4 VDC 2 or 5 or 10TTL
Symmetry	%	F≤50MHz: 45%~55% at 50% F>50MHz: 40%~60% at 50%	40%~60% at +1.4V

Dimension (Unit: mm)



Part Number and Ordering

Part Number Code	Holder Type + Frequency + Stability VS Operating Temp. + Operating Temp. + Supply voltage + Dimension
Ordering Code	Same as Above
Example	OSC/SMD-24.576M-50-0/70-3.3V-SO7050