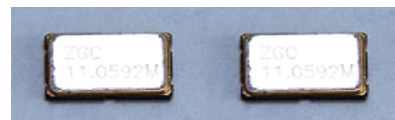


Crystal Oscillator Series
OSC SMD7050B

- Features
- ◆ Ceramic/Metal packae
 - ◆ ROHS Compliant
 - ◆ HCMOS/TTL compatible


Electrical Specifications

Item		Specifications							
Type		OSC SMD7050B 3.3V			OSC SMD7050B 5.0V				
Nominal Frequency Range		1.000MHz to 125.000MHz							
Frequency Stability		±50PPM(Standard)at 25°C ± 3°C, ± 15ppm to ±100ppm available							
Operating Temperature		-10°C to+70°C(Standard),-40°C to +85°Cavailable							
Storage Temperature		-55°C to +125°C							
Supply Voltage		3.3V ± 10%			5.0V ± 10%				
Supply Current Max		MHz	15PF	30PF	MHz	15PF	30PF	50PF	
		1.0 to 9.999	5mA	10mA	1.0 to 9.999	10mA	10mA	15mA	
		10.0 to19.99	10mA	10mA	10.0 to 19.99	10mA	15mA	20mA	
		20.0 to39.99	15mA	20mA	20.0 to 39.99	15mA	20mA	30mA	
		40.0 to 69.99	20mA	20mA	40.0 to 69.99	20mA	20mA		
		70.0 to 99.99	30ma		70.0 to 99.99	30ma			
	100 to 125	45mA		100 to 125	45mA				
Output	Rise & Fall Time	6ns: 1.0 to 9.999MHz		4ns: 40.0 to 69.99MHz					
		5ns: 10.0 to 39.99MHz		3ns: 70.0 to 125.0MHz					
	Load	15PF:	1.0 to 125.0MHz	15PF:	1.0 to 125.0MHz	30PF:	1.0 to 70.0MHz	50PF:	1.0 to 40.0MHz
	Current Max.	8mA			16mA				
	Low level	VDC × 1.0 Max							
High level	VDC × 0.9 Min								
Symmrtty at 1/2 VDC	45/55%typical,40/60% available								
Start Up Time	<10ms								

Stability VS.Temperature

◆Standayd		2	3	5	0	6	7	Remarks
◇Please Specify		±20ppm	±30ppm	±50 ppm	±100 ppm	±15 ppm	±25 ppm	
C	-10°C to +70°C	◇	◇	◆	◇	◇	◇	Standard
D	-40°C to +85°C	◇	◇	◇	◆	◇	◇	

Ordering Information

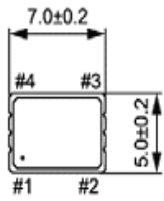
Q	O	Type	Pin	xx.xxxx xxx.xxx	M	Output Load	Supply Voltage	Stability Vs.Temp	Operating Temp	Symmetry At 1/2 VDC	Option
Q:Quartz	7050:	B:	Center frequency	M:	2:30PF	A:3.3V	See Table	See Table	1:45/55%		F:Lead Free
O:Oscillator	7.0*5.0mm	4pins	1.0 to 125.0MHz	MHZ	3:50PF	B:5.0V			2:40/60%		T:T&R Blank:Bulk
Example:Q07050B33. 3333M1A5C2F (Oscillator, SMD7050B, 33.3333MHZ , 3.3V , 15PF, 40/60%, +/-50PPM, -10 to +70deg, T&R, Lead, free.)											

Guangzhou ZGC Electronic Co. Ltd.

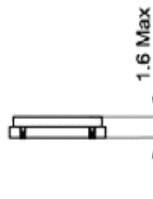
Tel:+86-20-28395111 Fax:+86-20-32068201

E-mai l:market@worldzgc.com Http://en.worldzgc.com

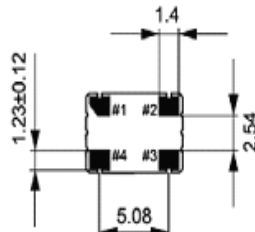
Dimensions



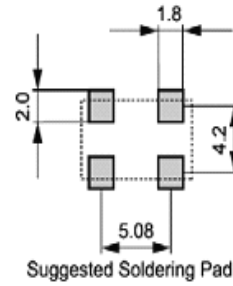
TOP VIEW



SIDE VIEW



BOTTOM VIEW

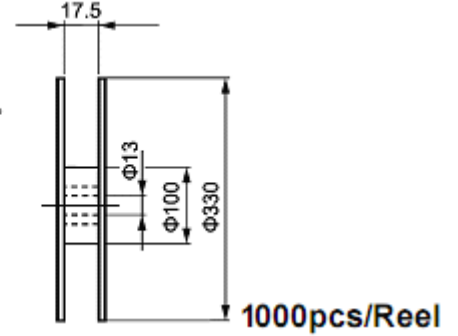
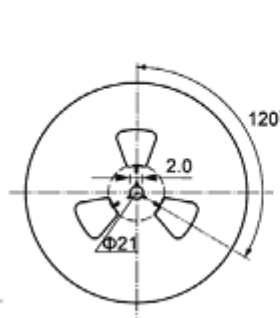
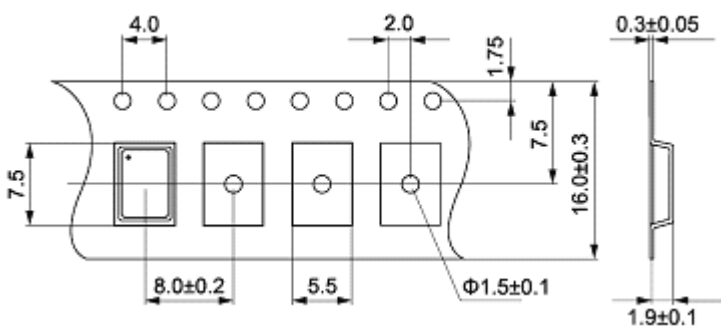


Suggested Soldering Pad

Pin	Connection
#1	E/D
#2	GND
#3	OUTPUT
#4	V _{DC}

UNIT:mm

Taping Specification



Reflow Soldering Profile

