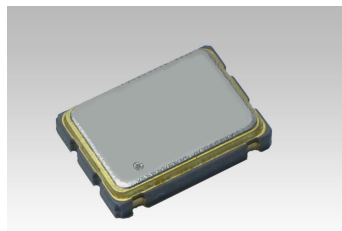




Features:

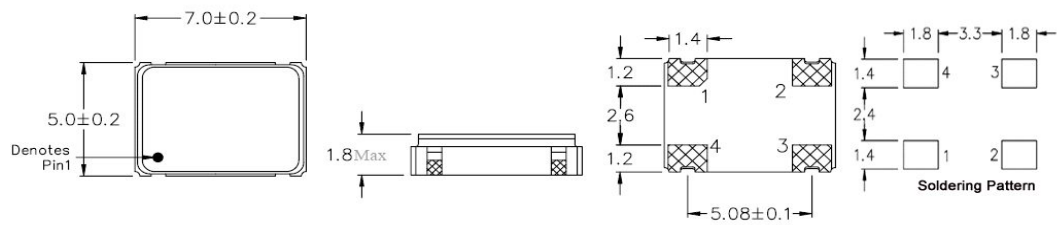
- Small size 7x5mm
- Low cost to performance
- Excellent for laptop and handheld PDA's
- Tristate or power down available



AQO 7050

Specifications			
		AQO 7050	Remarks
Frequency range		1MHz ~ 160MHz	Please specify
Frequency stability *		±25ppm ~ ±100ppm	Please specify
Operating temperature		0°C ~ +70°C / -40°C ~ +85°C	Please specify
		-40°C ~ +105°C	On enquiry
Storage temperature		-55°C ~ +125°C	Please specify
Input	Voltage	1.8V / 2.5V / 3.3V / 5.0V	Please specify
	Current	20mA 1~3MHz	Max
		35mA 3~32MHz	Max
		60mA 32~125MHz	Max
Output symmetry		40% ~ 60% , 45% ~ 55%	Please specify
Output	Rise and fall time		10ns
	Logic "0" level	CMOS	Max
		LSTTL	
		+0.5V(10%VDD)	+0.4V max
Output load	Logic "1" level		+4.5V(90%VDD)
			+2.4V min
Output load		CMOS/15pF or 10LSTTL (30pF ; 50pF optional)	

* Inclusive of initial frequency tolerance at 25°C, operating temperature range, supply voltage change, load variation and 1st year aging.

Drawing											
AQO 7050											
											
<table border="1"> <thead> <tr> <th>PIN</th><th>CONNECTION</th></tr> </thead> <tbody> <tr> <td>1</td><td>E/D</td></tr> <tr> <td>2</td><td>GND</td></tr> <tr> <td>3</td><td>OUTPUT</td></tr> <tr> <td>4</td><td>+Vcc</td></tr> </tbody> </table>		PIN	CONNECTION	1	E/D	2	GND	3	OUTPUT	4	+Vcc
PIN	CONNECTION										
1	E/D										
2	GND										
3	OUTPUT										
4	+Vcc										
Dimensions in mm											

Order key								
O	- 10.000000M	- AQO 7050	- 50	- 5.0	- A	-	/ T	/ TR
Part	Frequency	Type	Tolerance	Voltage	Temperature	Load	Option	Packaging
O=Oscillator	M=MHz	AQO=Quartz oscillator	±ppm	5.0=5.0Volt	A= 0°C ~ +70°C	blank = 15pF	T=Tristate	TR = tape + reeled
		AQO 7050=SMD 7x5		3.3=3.3Volt	B= -10°C ~ +60°C	3 = 30pF	P=Power down	
				2.5=2.5Volt	C= -10°C ~ +70°C	5 = 50pF		
				1.8=1.8Volt	D= -20°C ~ +70°C			
					E= -40°C ~ +85°C			
					F			