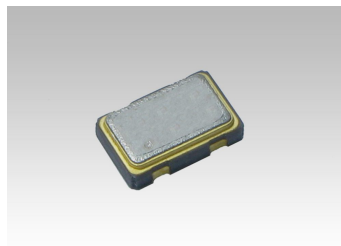


RoHS
2002/95/EC

Features:

- Small size 5x3.2mm
- Low cost to performance
- Excellent for laptop and handheld PDA's
- Tristate or power down available

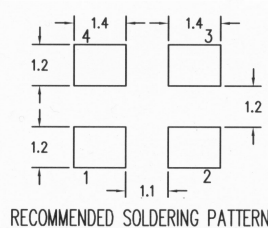
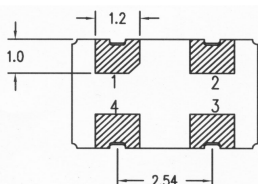
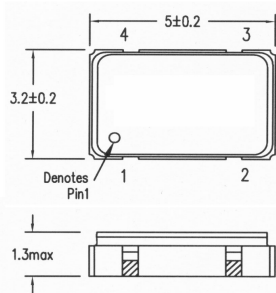


Specifications				
		AQO 5032	Remarks	
Frequency range		1MHz ~ 160MHz	Please specify	
Frequency stability *		±25ppm ~ ±100ppm	Please specify	
Operating temperature		0°C ~ +70°C - -40°C ~ +85°C	Please specify	
		-40°C ~ +105°C	On enquiry	
Storage temperature		-55°C ~ +125°C	Others are offered	
Input	Voltage	1.8V / 2.5V / 3.3V / 5.0V	Please specify	
	Current	20mA 1~3MHz	Max	
		35mA 3~32MHz	Max	
		60mA >32MHz	Max	
Output symmetry		40% ~ 60%, 45% ~ 55%	Please specify	
Output	Rise and fall time	10 ns	Max	
	Logic "0" level	CMOS	LSTTL	
		+0.5V(10%VDD)	+0.4V max	
		+4.5V(90%VDD)	+2.4V min	
Output load		1~10 LSTTL or CMOS 15~50pF	Please spezify	

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

Drawing

AQO 5032



PIN CONNECTION

P/N	
1	Enable/Disable
2	GND
3	Output
4	VDD

Dimensions in mm

Order key

O	- 10.000000M	- AQO 5032	- 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 5032=SMD 5x3,2		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			