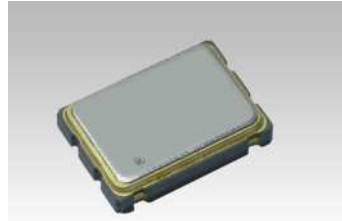


# Oscillator SMD, clock-type



## AQO 7050

### Features:

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

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	Max
	Logic "0" level	CMOS	LSTTL	
			+0.5V(10%VDD)	+0.4V max
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	
Dimensions in mm	

Order key								
<b>O</b>	<b>- 10.000000M</b>	<b>- AQO 7050</b>	<b>- 50</b>	<b>- 5.0</b>	<b>- A</b>	<b>-</b>	<b>/ T</b>	<b>/ TR</b>
<b>Part</b>	<b>Frequency</b>	<b>Type</b>	<b>Tolerance</b>	<b>Voltage</b>	<b>Temperature</b>	<b>Load</b>	<b>Option</b>	<b>Packaging</b>
O=Oscillator	M=MHz	AQO=Quartz oscillator AQO 7050=SMD 7x5	±ppm	5.0=5.0Volt 3.3=3.3Volt 2.5=2.5Volt 1.8=1.8Volt	A= 0°C ~ +70°C B= -10°C ~ +60°C C= -10°C ~ +70°C D= -20°C ~ +70°C E= -40°C ~ +85°C F= -40°C ~ +105°C	blank = 15pF 3 = 30pF 5 = 50pF	T=Tristate P=Power down	TR = tape + reeled