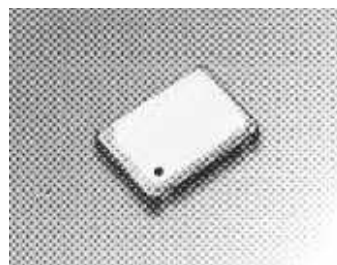


## Oscillator SMD, clock-type

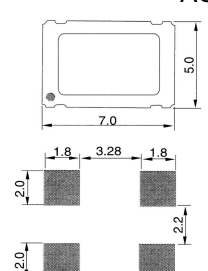
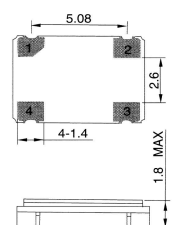
### AQO 7050

#### Features:

- Small size 7x5mm
- Low cost to performane
- Auto pick and place
- Excellent for laptop and handheld PDA's



Specifications			Remarks
		<i>AQO 7070</i>	
Frequency range		1~125MHz	Please specify
Frequency stability		± 25ppm ~ ±100ppm	Please specify
Operating temperature		-0°C ~ +70°C - -40°C ~ +85°C	Please specify
Storage temperature		-55°C ~ +125°C	
Input	Voltage	2.4V ~ 5.5V	Please specify
	Current	20mA 1~3MHz	Max
		35mA 3~32MHz	Max
	60mA 32~125MHz	Max	
Output symmetry		45% ~ 55%, 40% ~ 60%	
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 )	

Drawing											
AQO 7050											
 <p>SOLDER PATTERN</p>	 <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>PIN</th> <th>FUNCTION</th> </tr> </thead> <tbody> <tr> <td>#1</td> <td>INH</td> </tr> <tr> <td>#2</td> <td>GROUND</td> </tr> <tr> <td>#3</td> <td>OUTPUT</td> </tr> <tr> <td>#4</td> <td>VDD</td> </tr> </tbody> </table>	PIN	FUNCTION	#1	INH	#2	GROUND	#3	OUTPUT	#4	VDD
PIN	FUNCTION										
#1	INH										
#2	GROUND										
#3	OUTPUT										
#4	VDD										
Dimensions in mm											

Order key						
<b>O</b>	<b>- 10.000000M</b>	<b>- AQO 7050</b>	<b>- 50</b>	<b>- 5.0</b>	<b>- D</b>	<b>- T/TR</b>
<b>Part</b>	<b>Frequency</b>	<b>Type/Package</b>	<b>Tolerance</b>	<b>Voltage</b>	<b>Temperature</b>	<b>Opion</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	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	3=Load 30pF 5=Load 50pF T=Tristate TR=Tape and reeled X=Special options

Remarks: All specifications subject to change without notice!