

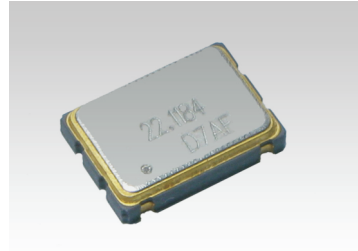
## Oscillator SMD, clock-type



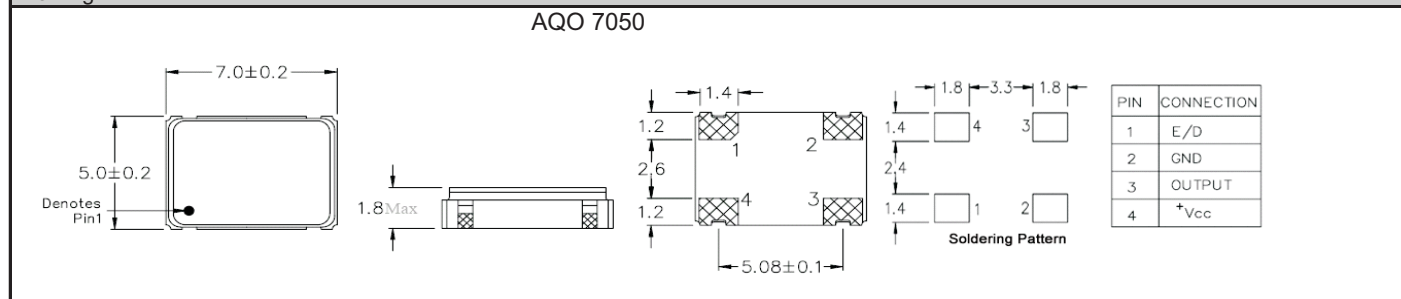
### AQO 7050

#### 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
Storage temperature		-40°C ~ +85°C	Others are offered
Input	Voltage	2.5V ~ 5.0V	Please specify/Others are offered
	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	+0.5V(10%VDD)
		LSTTL	+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>Dimensions in mm</p>											
<table border="1" style="float: right;"> <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										
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Order key								
<b>O</b>	- 10.000000M	- AQO 7050	- 50	- 5.0	- A	-	/ T	/ TR
<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	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	blank = 15pF 3 = 30pF 5 = 50pF	T=Tristate P=Power down	TR = tape + reeled