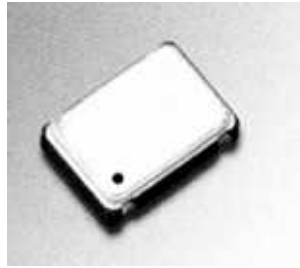


Oscillator SMD, clock-type

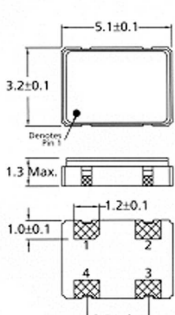
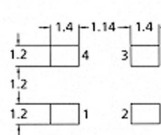
AQO 5032



Features:

- Small size 5x3.2mm
- Low cost to performane
- Auto pick and place
- Excellent for laptop and handheld PDA's

Specifications			Remarks
		AQO 5032	
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	3.0V ~ 5.0V	Please specify
	Current	20mA 1~3MHz	Max
		35mA 3~32MHz	Max
	60mA >32MHz	Max	
Output symmetry	40% ~ 60%, 45% ~ 55%		
Output	Rise and fall time	10 ns	Max
		CMOS	LSTTL
	Logic "0" level	+0.5V(10%VDD)	+0.4V max
	Logic "1" level	+4.5V(90%VDD)	+2.4V min
Output load	1~10TTL or CMOS15~50pF		

Drawing											
AQO 5032											
											
RECOMMENDED SOLDERING PATTERN											
	<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>V_{cc}</td> </tr> </tbody> </table>	PIN	CONNECTION	1	E/D	2	GND	3	OUTPUT	4	V _{cc}
PIN	CONNECTION										
1	E/D										
2	GND										
3	OUTPUT										
4	V _{cc}										
Dimensions in mm											

Order key						
O	- 10.000000M	- AQO 5032	- 50	- 5.0	- D	- T/TR
Part	Frequency	Type/Package	Tolerance	Voltage	Temperature	Opion
O=Oscillator	M=MHz	AQO=Quartz oscillator AQO 5032=SMD 5x3,2	+/-ppm	5,0=5,0Volt 3,3=3,3Volt	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!