

Specification	AXQCM598-Au	Issue: 02	Date: 2009-04-09
Oscillator type : Quartz Crystal Microbalance Element			

Parameter	min.	typ.	max.	Unit	Condition
Nominal frequency		6.000		MHz	
Adjustment frequency		5.983		MHz	
Crystal cut		AT			
Overtone		1			
Adjustment tolerance	-7		+7	kHz	@ 25°C
Frequency stability					
Over operating temperature range	-50		+50	ppm	
Resonance resistance R_r		15	60	Ω	
Motional capacitance C_1				fF	
Shunt capacitance C_0			7	pF	
Drive level		100		μ W	
Operating temperature range	0		+70	°C	
Storage temperature range	-40		+105	°C	
QCM diameter		13.97 \pm 0.03		mm	
Blank surface quality		Fine lapped			
Electrode diameter Side A		13.0 \pm 0.1		mm	Fully plated
Electrode material Side A		Cr - Au			
Electrode diameter Side B		6.5 \pm 0.2		mm	See drawing
Electrode material Side B		Cr - Au			

