

<b>Specification</b>	<b>AXQCM496-Ti</b>	Issue: 02	Date: 2007-06-08
<b>Oscillator type : Quartz Crystal Microbalance Element</b>			

Parameter	min.	typ.	max.	Unit	Condition
Nominal frequency		4.960		MHz	
Crystal cut		AT			
Overtone		1			
Adjustment tolerance	-7		+7	kHz	@ 25°C
Frequency stability					
Over operating temperature range	-50		+50	ppm	
Resonance resistance $R_r$			100	$\Omega$	
Motional capacitance $C_1$				fF	
Shunt capacitance $C_0$			7	pF	
Drive level		100		$\mu$ W	
Operating temperature range	0		+70	°C	
Storage temperature range	-40		+105	°C	
QCM diameter		$14 \pm 0.1$		mm	
Blank surface quality		Fine lapped			
Electrode diameter Side A		$13.45 \pm 0.1$		mm	Fully plated
Electrode material Side A		Titanium			
Electrode diameter Side B		$6.0 \pm 0.05$		mm	See drawing
Electrode material Side B		Ag - Cr			

