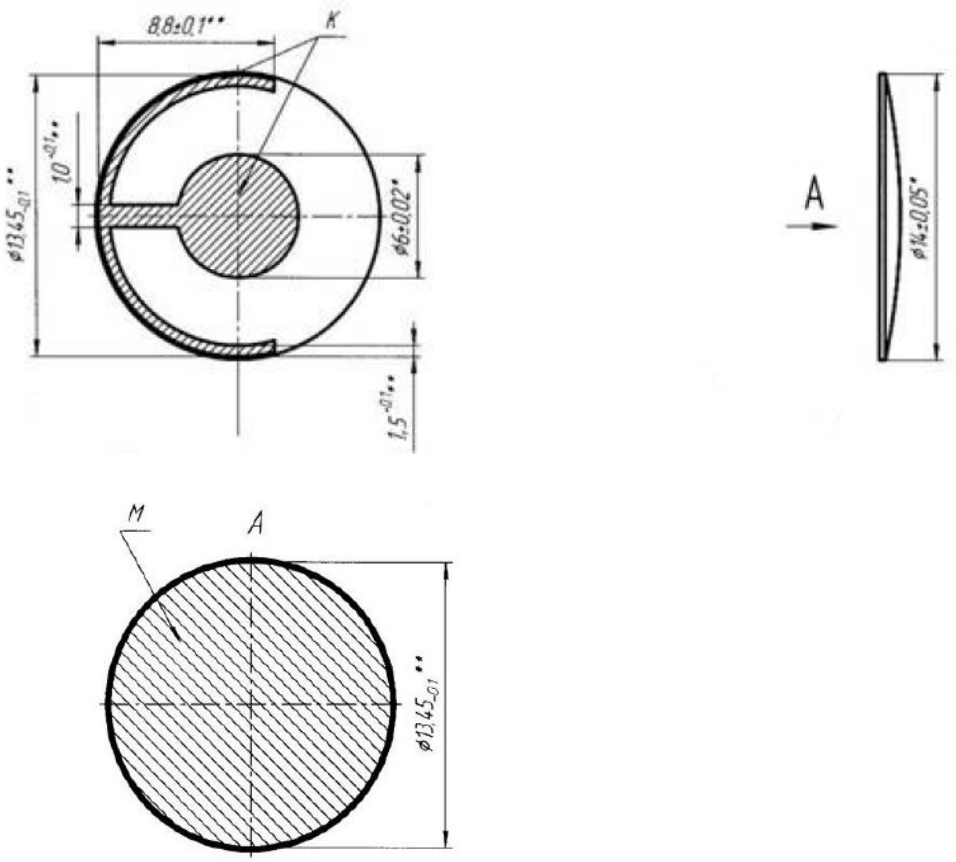
AXTAL ADVANCED XTAL PRODUCTS

Specification	AXQCM496-Ti	Issue: 02	Date: 2007-06-08

Oscillator type : Quartz Crystal Microbalance Element

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	Ω	
Motional capacitance C_1				fF	
Shunt capacitance C_0			7	pF	
Drive level		100		µW	
Operting temperature range	0		+70	°C	
Storage temperature range	-40		+105	°C	
QCM diameter		14 ± 0.1		mm	
Blank surface quality		Fine lapped			
Elextrode diameter Side A		13.45 ± 0.1		mm	Fully plated
Electrode material Side A		Titanium			
Electrode diameter Side B		6.0 ± 0.05		mm	See drawing
Electrode material Side B		Ag - Cr			



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