



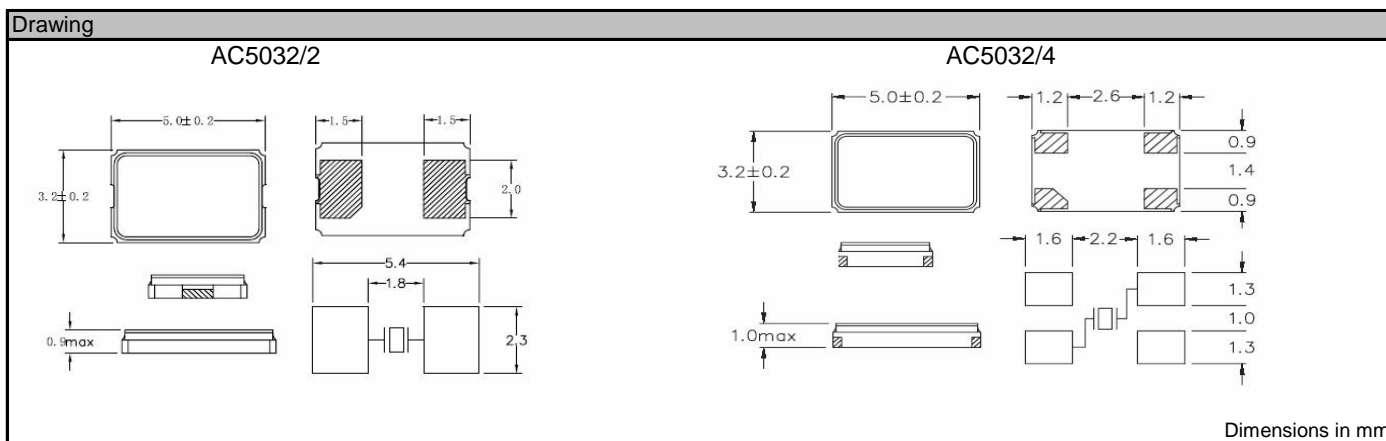
AC5032/2
AC5032/4

Features:

- SMD
- ultra-thin and small leadless type
- for high mechanical demands available

Specifications				
		Symbol	AC5032	Remarks
Frequency range		f	12.000MHz ~ 30.000MHz	Fundamental mode
Frequency tolerance, Ta=25°C		f/f	±20ppm	Please specify
Load capacitance		C _L	10pF ~ series	Please specify
Temperature tolerance		f/f	±20ppm	Please specify
Temperature range	Storage temperature	T _{STG}	-55°C ~ +125°C	
	Operating temperature	T _{OPR}	-20°C ~ +70°C	Others are offered
Drive level	Maximum drive level	M _{DL}	500µW	
	Recommended drive level	R _{DL}	10µW ~ 100µW	
Series resistance		R ₁	As per table	25°C ±3°C
Shunt capacitance		C ₀	7pF	Max
Insulation resistance		I _R	500M Ohm	Max
Aging		f _A	±5ppm/Year max	Others are offered

Resistance of series resonance (ESR)						
Frequency (MHz)	Mode	Ohm max		Frequency (MHz)	Mode	Ohm max
12 ≤ f < 16	Fundamental	80		16 ≤ f < 30	Fundamental	50



Order key								
Q	- 25.000000M	- AC5032/2	- F	- 30	- 50	- D	- 30	- TR
Part	Frequency	Package	Mode of oscillation	Frequency tolerance	Temperature tolerance	Temperature range	Load capacitance	Option
Q=Quartz	M=MHz	AC5032/2 AC5032/4	F=fund.	±ppm (25°C)	±ppm (Temp. range)	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	pF SR=series	TR=Tape and reel X=Special options
		/2 = 2 pads /4 = 4 pads						