

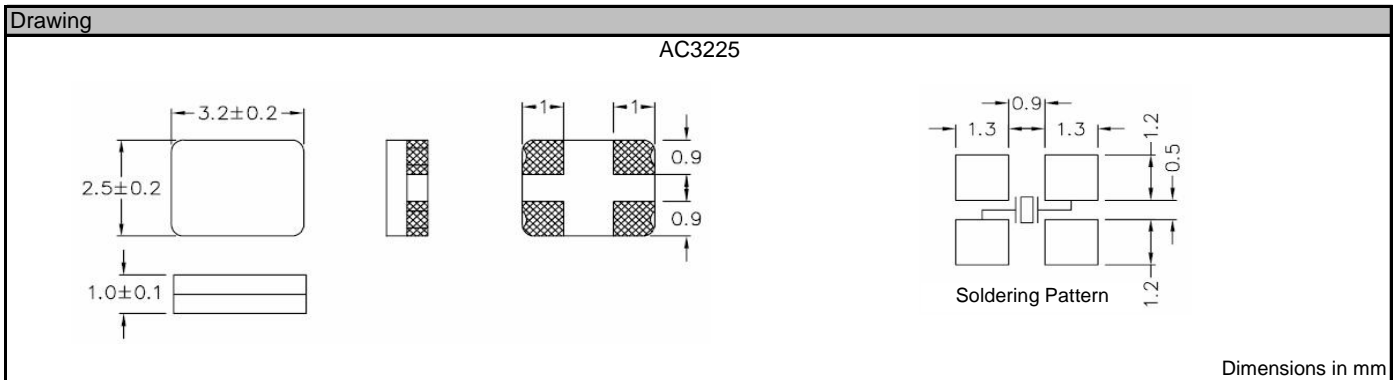
AC3225/4

Features:

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

Specifications			
	Symbol	AC3225	Remarks
Frequency range	f	12.000MHz ~ 40.000MHz	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 ~ ±30ppm	Please specify
Temperature range	Storage temperature	T _{STG}	-55°C ~ +125°C
	Operating temperature	T _{OPR}	-20°C~+70°C/-40°C~+85°C
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 < 20	Fundamental	120		25 <= f < 30	Fundamental	60
20 <= f < 25	Fundamental	80		30 <= f < 40	Fundamental	50



Order key									
Q	- 36.000000M	- AC3225/2	- F	- 30	- 50	- D	- 16	- TR	
Part	Frequency	Package	Mode of oscillation	Frequency tolerance	Temperature tolerance	Temperature range	Load capacitance	Option	
Q=Quartz	M=MHz	AC3225/4 /4 = 4 pads	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	