

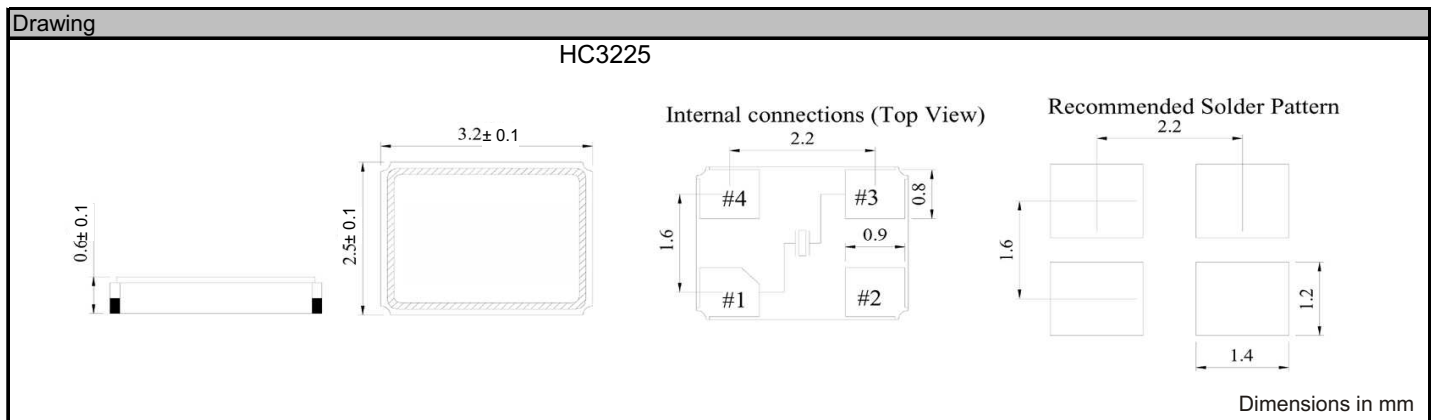
HC3225

Features:

- Application: Bluetooth, wireless LAN
- Ultra-thin and small leadless type
- Automatic mounting is enabled by emboss taping

Specifications			
	Symbol	HC3225	Remarks
Frequency range	f	16.000MHz ~ 40.000MHz	Fundamental mode
Frequency tolerance, Ta=25°C	f/f	± 10ppm ~ ± 30ppm	Please specify
Load capacitance	C _L	Series, 10pf, 12pF, 16pF	Please specify
Temperature tolerance	f/f	± 10ppm ~ ± 30ppm	Please specify
Storage temperature range	T _{STG}	-40°C ~ +85°C	
Operating temperature range	T _{OPR}	-10°C ~ +60°C; -20°C ~ 70°C	Others are offered
Maximum drive level	M _{DL}	100 W	
Recommended drive level	R _{DL}	10 W	
Series resistance	R ₁	As per table	25°C
Shunt capacitance	C ₀	3pF	
Insulation resistance	I _R	500M Ohm	100Vdc
Aging	f _A	±1 ~ ± 3ppm/Year	

Resistance of series resonance (ESR)						
Frequency (MHz)	Mode	Ohm		Frequency (MHz)	Mode	Ohm
16	Fundamental	100		27	Fundamental	80
24	Fundamental	80		32	Fundamental	60



Order key								
Q	- 40.000000M	- HC3225	- F	- 30	- 30	- D	- 16	- TR
Part	Frequency	Package	Mode of oscillation	Frequency tolerance	Temperature tolerance	Temperature range	Load capacitance	Option
Q=Quartz	M=MHz	HC3225	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 I=-10°C ~ +50°C	pF SR=series	TR=Tape and reel X=Special options

Remarks: All specifications subject to change without notice!