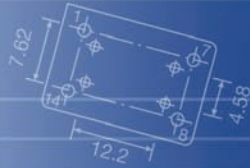


ECX-1247Q SMD CRYSTAL

The ECX-1247Q is a very compact SMD Crystal with a 1.6 x 1.2 mm footprint. AEC-Q200 Qualified.

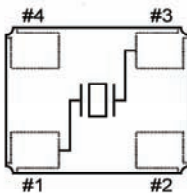
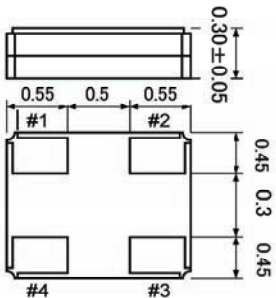
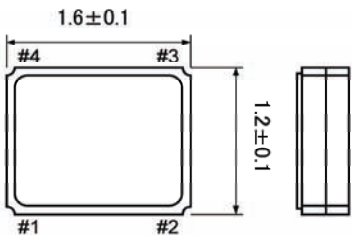


OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	CONDITIONS	ECX-1247Q			UNITS
		MIN	TYP	MAX	
Frequency Range		26.000		40.000	MHz
Frequency Tolerance	at +25°C			± 30 *	ppm
Frequency Stability	-40 to +85°C			± 50 *	ppm
Shunt Capacitance				5	pF
Load Capacitance	Specify in P/N		8		pF
Drive Level			10	100	μW
Operating Temperature		-40		+85	°C
Storage Temperature		-40		+125	°C
Aging (Per Year)	@ +25°C ±3°C			±5	ppm

EQUIVALENT SERIES RESISTANCE/MODE OF OSCILLATION

FREQUENCY RANGE (MHz)	MODE OF OSC	MAX ESR Ω	FREQUENCY RANGE (MHz)	MODE OF OSC	MAX ESR Ω
26.00 ~ 29.999	Fundamental	100	30.000 ~ 40.000	Fundamental	80



Pad Connections	
1	In/Out
2	Gnd
3	Out/In
4	

