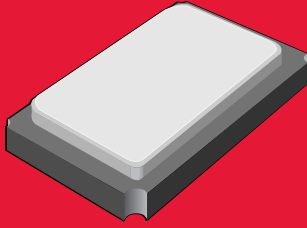


FEATURES

- Compact and low profile
- Seam weld package
- Tape & Reel (1000 pcs.)
- High frequency fundamental



SMD QUARTZ CRYSTAL

The RXD534 is our sub-miniature SMD crystals with 3.2 x 5 mm footprint. This package is ideal for today's compact wireless applications where board space is critical.

PART NUMBERING GUIDE "EXAMPLE"

PART NUMBER	LOAD CAPACITANCE*	TAPE & REEL	FREQUENCY
RXD534	- 32	R	- 14.31818 MHz

* Load capacitance (xx=xx pF, S= series resonance)

Note: See Product Selection Guide for additional options.

OPERATING CONDITIONS/ELECTRICAL CHARACTERISTICS

PARAMETERS	CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
FREQUENCY RANGE		10.000		130.000	MHz
CALIBRATION TOLERANCE	@ +25°C			±50*	PPM
FREQUENCY STABILITY ref. 25°C	-20 ~ +70°C			±50*	PPM
SHUNT CAPACITANCE	C ₀			5	pF
LOAD CAPACITANCE	C _L (Customer Specified)	12	18.0 standard	Series	pF
DRIVE LEVEL	D _L			100	μW
OPERATING TEMPERATURE	T _{OPR} **	-20		±70	°C
STORAGE TEMPERATURE	T _{STG}	-40		±85	°C
AGING CHARACTERISTICS (PER YEAR)	@ +25°C ± 3°C per year			±5	PPM

*Tighter specifications are available. **Extended temperature range available.

EQUIVALENT SERIES RESISTANCE / MODE OF OSCILLATION

FREQUENCY RANGE (MHz)	MODE OF OSC.	MAX. ESR (Ω)	FREQUENCY RANGE (MHz)	MODE OF OSC	MAX ESR (Ω)
10.000 ~ 15.999	Fundamental	80	70.000 ~ 130.000	3rd OT	100
16.000 ~ 19.999	Fundamental	60	120.000 ~ 130.000	5th OT	160
20.000 ~ 130.000	Fundamental	50			

PACKAGE DIMENSIONS (mm)

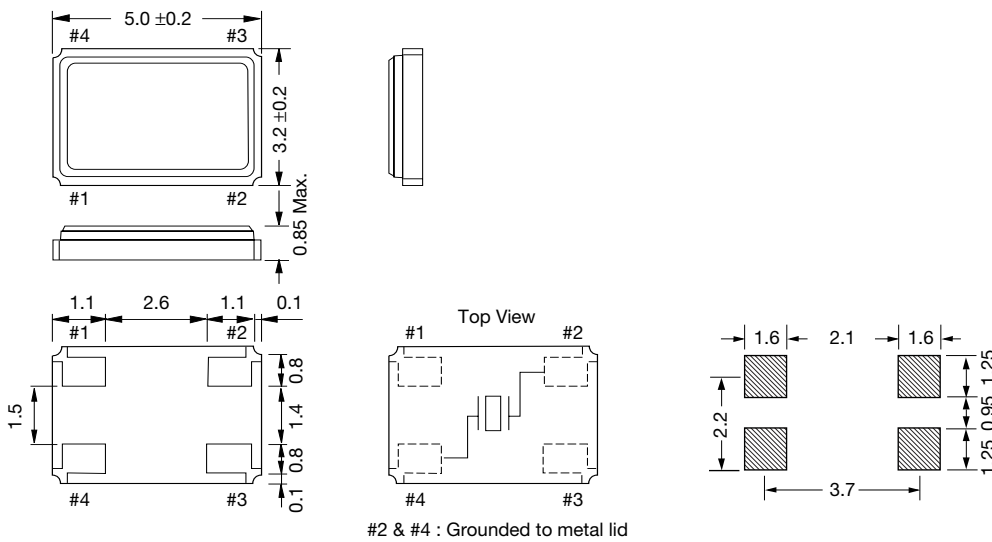


Figure 1) Top, Side, Bottom & End Views.

Figure 2) Land Pattern