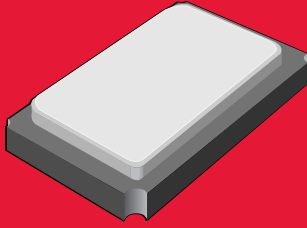


FEATURES

- Compact and low profile
- Seam-welded package
- Tape & Reel (1,000 pcs.)



SMD QUARTZ CRYSTAL

The RXD324 SMD is our smallest sub-miniature SMD crystals with 3.2 x 2.5 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
RXD324	32	R	20.000 MHz

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

Note: See Product Selection Guide for additional options.

OPERATING CONDITIONS/ELECTRICAL CHARACTERISTICS

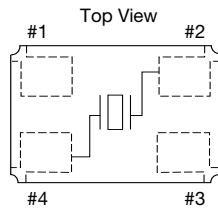
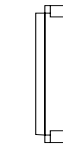
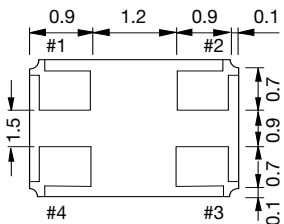
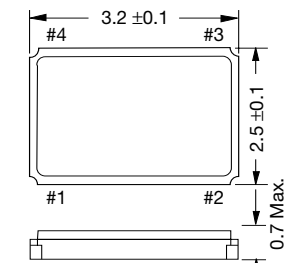
PARAMETERS	CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
FREQUENCY RANGE		16.000		60.000	MHz
CALIBRATION TOLERANCE	@ +25°C			±50*	PPM
FREQUENCY STABILITY ref. 25°C	-20 ~ +70°C			±50*	PPM
SHUNT CAPACITANCE	C ₀			5	pF
LOAD CAPACITANCE	C _L (Customer Specified)	12	18.0 standard	Series	pF
DRIVE LEVEL	D _L			100	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)
16.000 ~ 29.999	Fundamental	100	30.000 ~ 60.000	Fundamental	50

PACKAGE DIMENSIONS (mm)



(#2 & #4 : Grounded to metal lid)

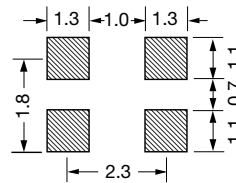


Figure 2) Land Pattern

Figure 1) RXD324 - Top, Side Bottom and End views