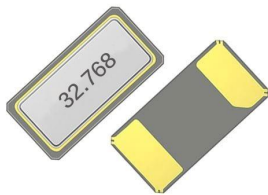


SMD QUARTZ CRYSTAL RESONATOR



2 Pad Version 5.0×1.8 mm

- SMD tuning fork crystal resonator
- 32.768 KHz standard
- ± 20 ppm Standard
- Excellent Reliability Performance
- Reflow soldering temperature: 260°C max



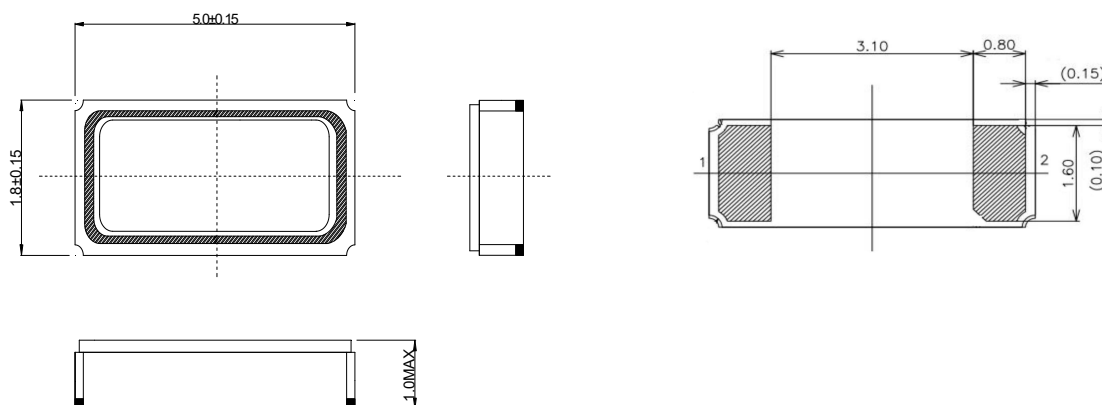
RoHS compliant

★ PARAMETERS

PARAMETERS	SPECIFICATION
Frequency Range	32.768KHz
Loading Capacitance	12.5pF Std. 6pF、7pF、9pF available
Drive Level	0.5μW (1.0μW Max.)
Frequency Tolerance	± 10 ppm / ± 20 ppm (at 25°C)
Equivalent Resistance	50KΩ Max.
Turn-over temperature	+25°C $\pm$ 5°C
Temperature coefficient	$(-0.035 \pm 0.008) \times 10^{-6} / ^\circ\text{C}^2$ Max.
Operating Temp. Range:	-40~+85°C
Storage Temp. Range:	-55~+125°C
Aging (25°C, First Year)	± 3 ppm Max.

⊙ All specification subject change without notice.

★ DIMENSIONS& LAND PATTERN LAYOUT (Unit: mm)



★ PART NUMBER GUIDE e.g. FTX32.768K12.5SM5-20D (*SM5=5.0×1.8 SMD)

	Quartz Crystal Resonator	Frequency Hz	Load Capacitance pF	Package	Frequency Tolerance ppm	Operating Temp. Range
FT	X	32.768K	12.5	SM5	20	D