

# SMD KHz Crystal Resonators

## JXK1 Series



### 2 Pad Version 1.6×1.0 mm

- Ultra-small package
- Excellent Reliability Performance
- Reflow soldering temperature: 260°C max
- Excellent shock and heat resistance.
- Applications: Mobile Phone, Wearable, Module, etc

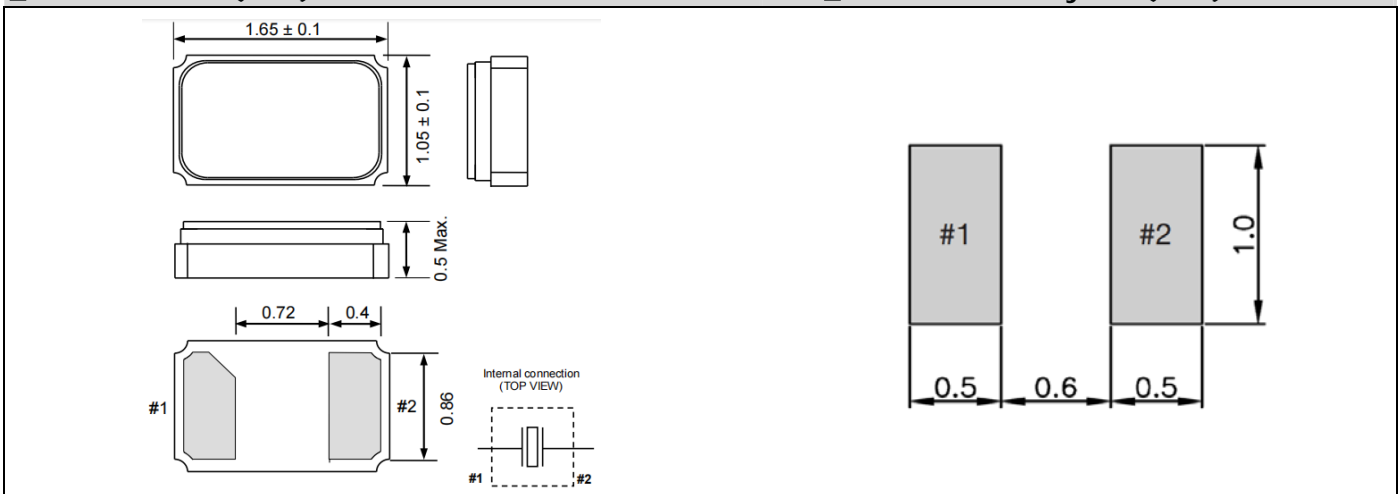
### Standard Specification

PARAMETERS	Symbol	SPECIFICATION
Nominal Frequency	F0	32.768KHz
Frequency Tolerance	FL	±20ppm
Turnover Temperature	Ti	+25°C ±5°C
Parabolic Coefficient	B	$(-0.030 \pm 10\%) \times 10^{-6} / ^\circ\text{C}^2$
Loading Capacitance	CL	7.0pF, 9.0pF, 12.5pF
Equivalent Resistance	ESR	90KΩ max.
Drive Level	DL	0.1μW typ. (0.5μW max.)
Shunt Capacitance	C0	1.2pF typ.
Frequency Ageing	F <sub>AGE</sub>	±3ppm (+25°C ±3°C, First Year)
Operating Temp. Range:	T <sub>OPR</sub>	-40~+85°C
Storage Temp. Range:	T <sub>STG</sub>	-55~+125°C

© All specification subject change without notice.

### Dimensions (mm)

### Solder Pad Layout (mm)

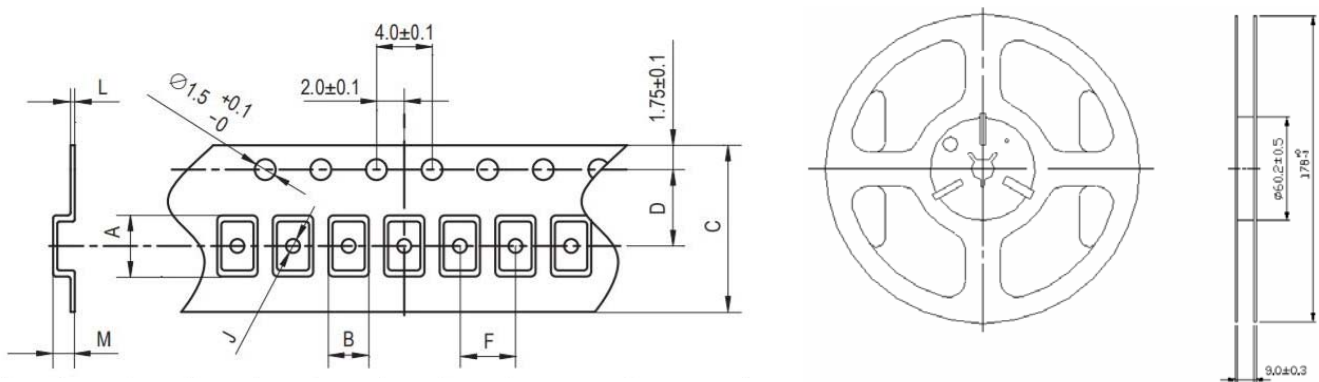


■ Part Numbering guide

e.g. JXK1-20D-A1

Logo	Quartz Crystal Resonator	Series		Freq. Tolerance	Operating Temp. Range		Load Capacitance	Extra Code
J	X	K1	-	20	D	-	A	1

■ Taping Specification



A	B	C	D	F	J	L	M	Qty/Reel
1.8±0.05	1.2±0.05	8.0±0.2	3.5±0.05	4.0±0.1	1.0±0.05	0.23±0.05	0.6±0.05	3000pcs