

# SMD KHz Crystal Resonators

## JXK3 Series



### 2 Pad Version 3.2×1.5 mm

- ±10 ppm type available
- Excellent Reliability Performance
- Reflow soldering temperature: 260°C max
- Excellent shock and heat resistance.
- Applications: Mobile Phone, Wearable, Module, etc

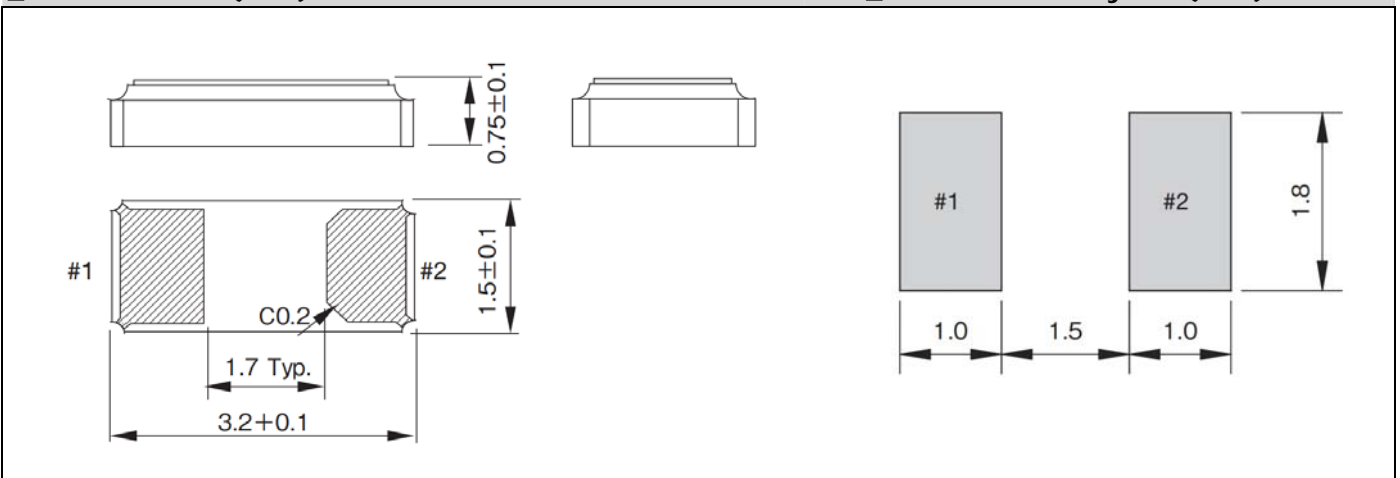
#### Standard Specification

PARAMETERS	Symbol	SPECIFICATION
Nominal Frequency	F0	32.768KHz
Frequency Tolerance	FL	±10ppm, ±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	6.0pF, 7.0pF, 9.0pF, 12.5pF
Equivalent Resistance	ESR	70KΩ max.
Drive Level	DL	0.1μW typ. (1.0μW max.)
Shunt Capacitance	C0	1.0pF 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. JXK3-20D-A1

Logo	Quartz Crystal Resonator	Series		Freq. Tolerance	Operating Temp. Range		Load Capacitance	Extra Code
J	X	K3	-	20	D	-	A	1

■ Taping Specification

A	B	C	D	F	J	L	M	Qty/Reel
3.5±0.1	1.9±0.1	12.0±0.3	5.5±0.1	4.0±0.1	1.0±0.05	0.25±0.05	1.0±0.1	3000pcs