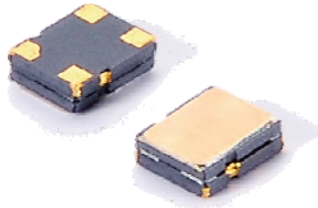


SMD Crystal Oscillators - JO2C Series



4 Pad Version 2.5×2.0 mm

- High stability, Low Jitter.
- Ultra small SMD seam sealed clock crystal oscillators.
- Supply voltage range : 1.8V ~ 3.3V.
- Tri-State function standard.
- RoHS Compliant /Pb Free.

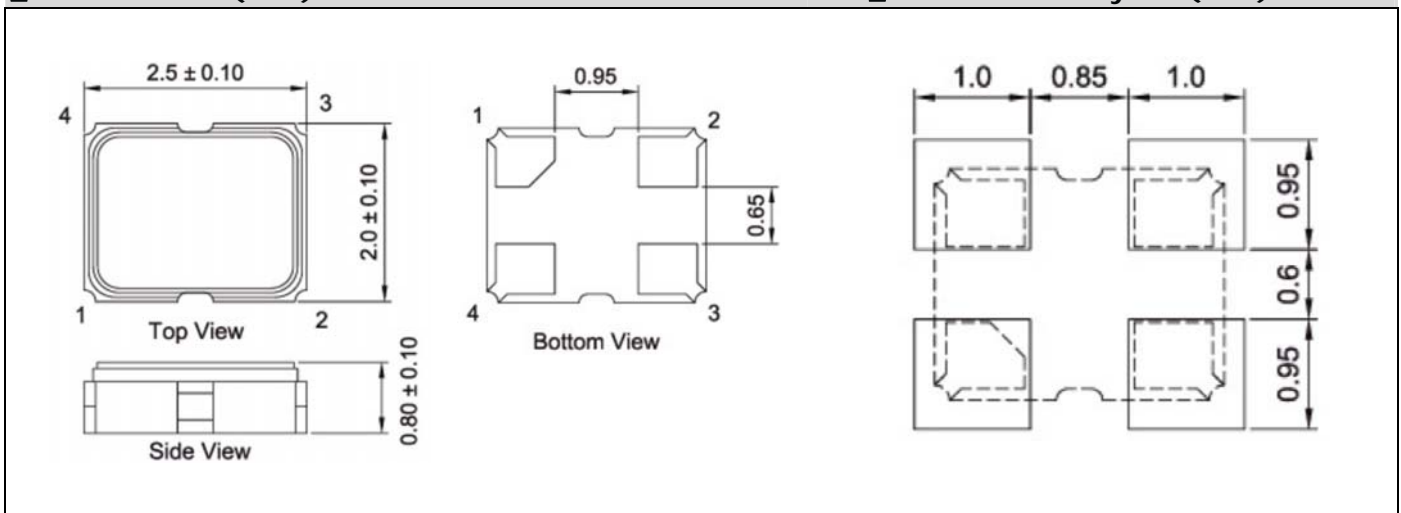
■ Standard Specification

PARAMETERS	Sign	SPECIFICATION
Frequency Range	F0	2.048~100MHz, 32.768KHz
Oscillation Mode		Fundamental
Supply voltage	Vdd	1.8V、2.5V、2.8V、3.3V
Frequency Stability	FS	±25ppm, ±50ppm, or specify
Input Current	Idd	10mA max.
Operating Temp. Range:	T _{OPR}	-10~+70°C to -40~+125°C
Storage Temp. Range:	T _{STG}	-55~+125°C
Symmetry		45~55%、40~60%
Rise and Fall Time	Tr/Tf	8ns max. (for MHz)
		200ns max. (for 32.768KHz)
Start-up time		5ms max. (for MHz)
		10ms max. (for 32.768KHz)
Aging (at 25°C)		±3ppm/year max.

© All specification subject change without notice.

■ Dimensions (mm)

■ Solder Pad Layout (mm)

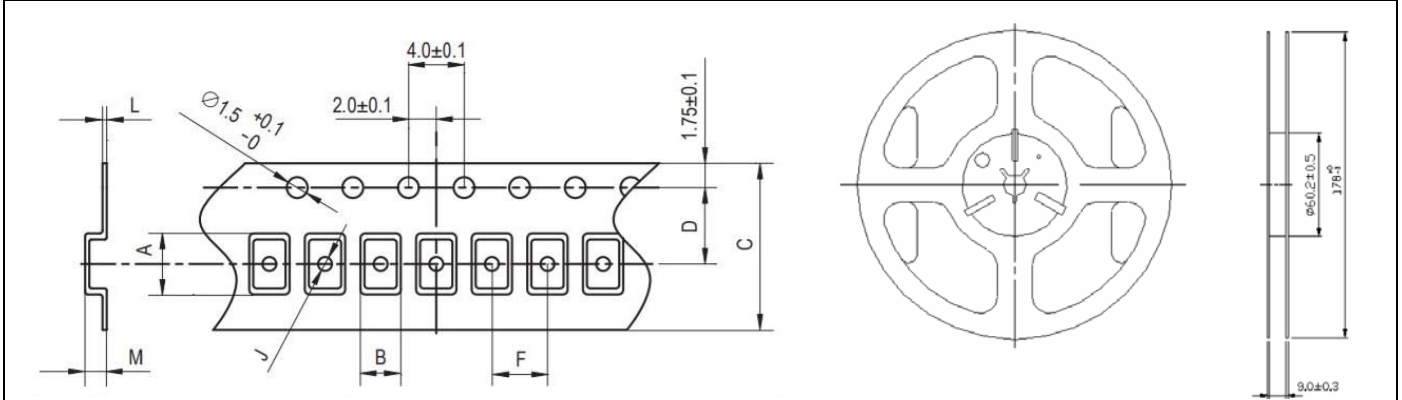


■ Part Numbering guide

e.g. JO2C-24M576-B25-B3

Logo	Quartz Crystal Oscillator	Series		Center Freq.		Operating Temp. Range	Freq. Stability		Supply voltage	Extra Code
J	O	2C	-	24M576	-	B	25	-	B	3

■ Taping Specification



The diagram shows a side view and a top view of a carrier tape. The side view includes dimensions: L (lead length), M (lead thickness), A (carrier height), J (pitch), B (component width), F (pitch), D (carrier width), C (total width), and 1.75±0.1 (carrier thickness). Specific dimensions are given as 4.0±0.1 (pitch), 2.0±0.1 (pitch), and 4.0±0.1 (pitch). A hole diameter is specified as $\varnothing 1.5 \begin{smallmatrix} +0.1 \\ -0 \end{smallmatrix}$. The top view shows a circular carrier with a central hole and a diameter of $\varnothing 6.0 \pm 0.5$. A length of 178±0.3 is also indicated.

A	B	C	D	F	J	L	M	Qty/Reel
2.8±0.1	2.3±0.1	8.0±0.2	3.5±0.1	4.0±0.1	1.1±0.1	0.25±0.05	1.4±0.2	3000pcs