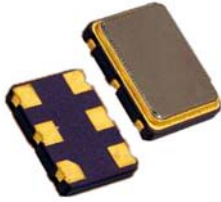


## SMD Crystal Oscillators - JO7L Series

### LVDS Output



#### 6 Pad Version 7.0×5.0 mm

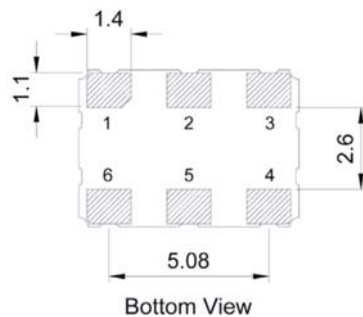
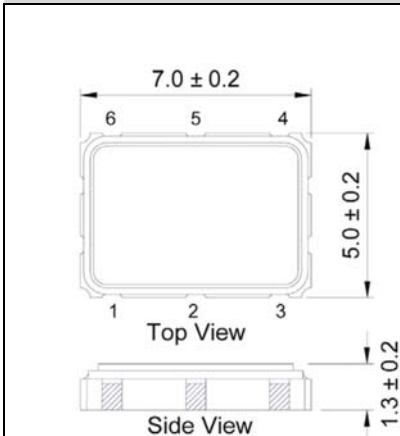
- LVDS output, 3rd overtone solution.
- Excellent low phase noise and jitter.
- Supply voltage : 3.3V、2.5V.
- Tri-State function available.
- RoHS Compliant /Pb Free.

#### Standard Specification

PARAMETERS	Sign	SPECIFICATION
Frequency Range	F0	25~200MHz
Oscillation Mode		3rd Overtone
Supply voltage	Vdd	2.5V、3.3V
Frequency Stability	FS	±50ppm, or specify
Input Current	Idd	80mA max.
Output Load		100 Ω
Operating Temp. Range:	T <sub>OPR</sub>	-10~+70°C to -40~+125°C
Storage Temp. Range:	T <sub>STG</sub>	-55~+125°C
Symmetry		45~55%、40~60%
Voltage min./max.	Vol/Voh	0.9V / 1.6V
Rise and Fall Time	Tr/Tf	1ns max.
Start-up time		10ms max.
Aging (at 25°C)		±3ppm/year max.

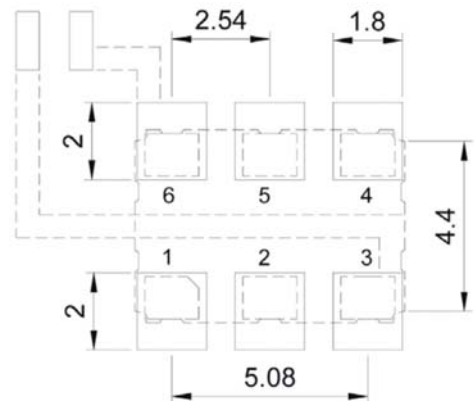
© All specification subject change without notice.

#### Dimensions (mm)



**PAD FUNCTION:**  
 1: ENABLE CONTROL or NC  
 2: ENABLE CONTROL or NC  
 3: GND  
 4: OUT  
 5: OUTN  
 6: VDD

#### Solder Pad Layout (mm)

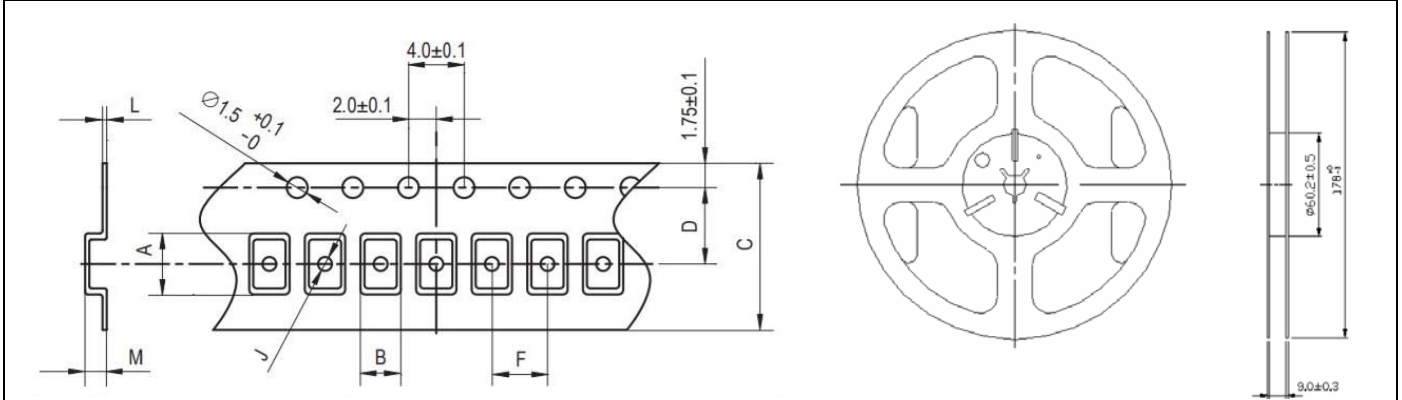


■ Part Numbering guide

e.g. JO7L-125M-B50-A3

Logo	Quartz Crystal Oscillator	Series		Center Freq.		Operating Temp. Range	Freq. Stability		Supply voltage	Extra Code
J	O	7L	-	125M	-	B	50	-	A	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 width), A (carrier height), J (pitch), B (component width), F (pitch), D (carrier width), C (total width), and a hole diameter of  $\varnothing 1.5^{+0.1}_{-0}$ . A distance of  $2.0 \pm 0.1$  is shown between the hole and the component edge, and  $4.0 \pm 0.1$  between components. A distance of  $1.75 \pm 0.1$  is shown from the hole to the carrier edge. The top view shows a circular carrier with a diameter of  $9.0 \pm 0.3$  and a hole diameter of  $\varnothing 6.0 \pm 0.5$ .

A	B	C	D	F	J	L	M	Qty/Reel
7.4±0.1	5.4±0.1	16.0±0.2	7.5±0.1	8.0±0.1	1.5±0.1	0.3±0.05	2.2±0.2	1000pcs