

## 2570NK SERIES



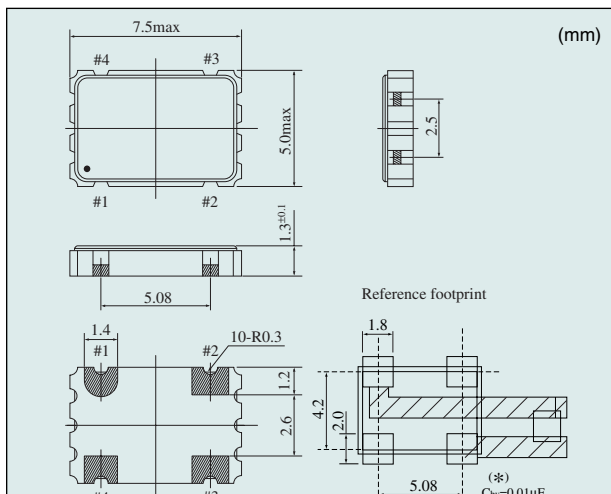
### ■ Features

- Directly drives TTL IC.
- Leadless type clock oscillator which fits highly dense mounting, with light & small demand, surface mounting.  
Height 1.4mm, Weight 0.25g, Occupying area 38mm<sup>2</sup>
- Highly reliable ceramic package is used for superior heat-resistance and environmental characteristics.
- IR reflow, VPS automatic mounting are applicable.
- Frequency range : 1.8MHz~50MHz.
- Stand-by function for output : Tri-state output.
- Static electricity proof package : tape & reel.

■ Absolute Maximum Rating  
 Supply Voltage (V<sub>DD</sub>) -0.5~+7.0V DC  
 Storage Temperature Range -55~+125°C

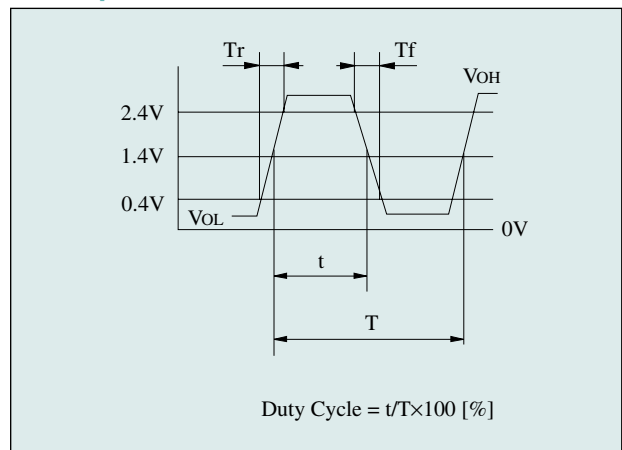
Item	Model	2570NK	
Output Level		TTL	
Frequency Range	(MHz)	1.8≤F≤32	32<F≤50
Frequency Stability	(×10 <sup>-6</sup> )	±100	
Operating Temp. Range	(°C)	-10~+70	
Supply Voltage (V <sub>DD</sub> )	(V)	5±10%	
Current Consumption	(mA) +5VDC, 25°C	22 (max)	26 (max)
V <sub>OL</sub> max/V <sub>OH</sub> min	(V)	0.4/2.4 I <sub>OL</sub> =16mA I <sub>OH</sub> =-4mA	
Tr max/Tf max	(ns)	5/5 (0.4V~2.4V)	
Duty Cycle	(%)	45~55 (at +1.4V)	
Fanout (gate)	TTL GATE	10	
Stand-by Function	Tri-state	Yes	

### ■ 2570NK Series Outline



PAD No.	Connection
# 1	STAND-BY
# 2	GND
# 3	OUTPUT
# 4	V <sub>DD</sub>

### ■ Output Wave <TTL>



### ■ Stand-by Function <Tri-state>

# 1 input	# 3 output
H level (+2.2 Vmin) or open	Operating
L level (+0.8 Vmax)	High impedance