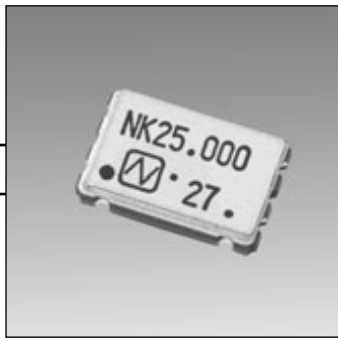


2560NK SERIES

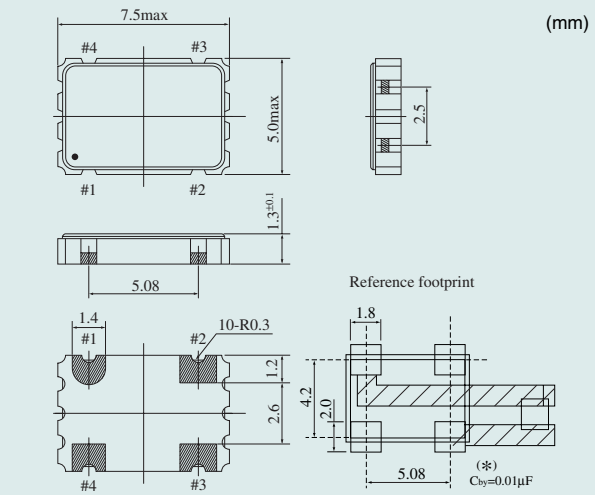
Features

- Directly drives C-MOS IC.
- Leadless type clock oscillator which fits highly dense mounting, with light & small demand, surface mounting.
  Height 1.4mm, Weight 0.25g, Occupying area 38mm²
- Highly reliable ceramic package is used for superior heat-resistance and environmental characteristics.
- IR reflow, automatic mounting are applicable.
- Frequency range : 1.8MHz~80MHz.
- Stand-by function for output : Tri-state output.
- Static electricity proof package : tape & reel.

■ Absolute Maximum Rating
Supply Voltage (V_{DD}) –0.5~+7.0V DC
Storage Temperature Range –55~+125°C

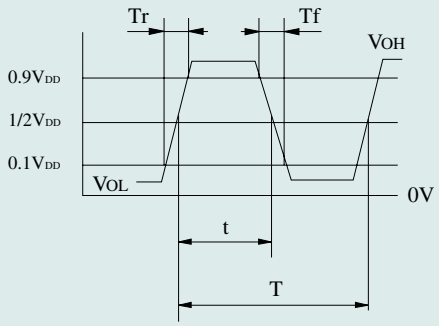
Item \ Model		2560NK			
Output Level		C-MOS			
Frequency Range	(MHz)	1.8≦F≦25	25<F≦50	50<F≦67	67<F≦80
Frequency Stability	(×10⁻⁶)	±100			
Operating Temp. Range	(°C)	–10~+70			
Supply Voltage (V_{DD})	(V)	5±10%			
Current Consumption	(mA) +5VDC, 25°C	25 (max)	40 (max)	60 (max)	73 (max)
V_{OL} max/V_{OH} min	(V)	0.1V_{DD}/0.9V_{DD} I_{OL}=16mA I_{OH}=–16mA			
Tr max/Tf max	(ns)	5/5 (0.1V_{DD}~0.9V_{DD})			
Duty Cycle	(%)	45~55 (at +1/2V_{DD})			
Fanout (gate)	C_L (pF)	50			
Stand-by Function	Tri-state	Yes			

2560NK Series Outline



PAD No.	Connection
# 1	STAND-BY
# 2	GND
# 3	OUTPUT
# 4	V_{DD}

Output Wave <C-MOS>



Duty Cycle = t/T×100 [%]

Stand-by Function <Tri-state>

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