



Ph Free

RoHS Compliant

Features

- Ultra-miniature SMD type (5.0×3.2×1.5mm)
- Reflow compatible
- AFC function available
- 2.3 to 5.5V drive available
- Frequency stability : ±2.0×10⁻⁶/-30 to +85°C

Applications

- PDC, GSM, CDMA

How to Order

KT5032N 26000 D C W 28 T xx
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

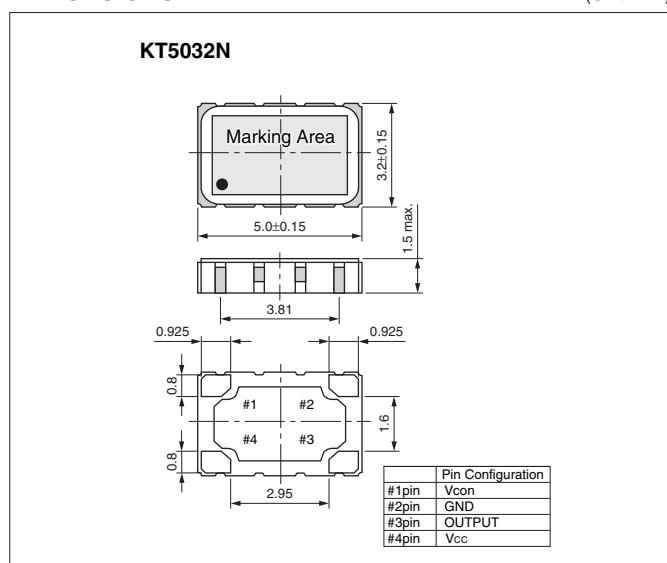
- | | |
|-------------------------|-------------------------|
| ① Series | ⑥ Supply Voltage |
| ② Output Frequency | 28 2.8V 30 3.0V |
| ③ Frequency Tolerance | ⑦ Voltage Control Range |
| B ±1.0×10 ⁻⁶ | TCXO T |
| C ±1.5×10 ⁻⁶ | VCTCXO Customer Spec. |
| D ±2.0×10 ⁻⁶ | ⑧ Option Code |
| ④ Lower Operating Temp. | |
| C -30°C | |
| E -20°C | |
| G -10°C | |
| ⑤ Upper Operating Temp. | |
| W +85°C | |
| V +80°C | |
| U +75°C | |

Specifications

Item	Symbol	Conditions	Min.	Max.	Units
Output Frequency Range	f _o	Standard Frequency: 13, 19.2, 26, 38.4	13	40	MHz
Frequency Tolerance	f _{tol}	vs Temperature	-2	+2	×10 ⁻⁶
		vs Load	-0.2	+0.2	
		vs Voltage	-0.3	+0.3	
Frequency Aging	f _{age}	Per Year	-1	+1	×10 ⁻⁶
Storage Temperature Range	T _{stg}		-40	+85	°C
Operating Temperature Range	T _{use}		-30	+85	°C
Voltage Control Range	f _{cont}	Positive	±8	±15	×10 ⁻⁶
Supply Voltage	V _{CC}		2.3	5.5	V
Output Level	V _{pp}	10k ohm // 10pF	0.8	—	Vp-p
Current Consumption	I _{CC}		—	2	mA
Harmonics	—		—	-5	dBc

Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)

