

## KC7050H-C3 Series (K50H-3C Series)



RoHS Compliant

### Features

- Miniature ceramic package
- Highly reliable with seam welding
- CMOS output
- Supply voltage  $V_{CC}=3.3V$
- With built-in by-pass capacitor

Table 1

Freq. Tol.	Operating Temperature Range (°C)	Note
Code $\times 10^{-6}$		
0 $\pm 50$	-10 to +70	Standard specifications
S $\pm 30$		
U $\pm 25$		
F $\pm 100$	-40 to +85	With only certain frequencies
G $\pm 50$		

### How to Order

KC7050H 125.0000 C 3 0 E 00  
① ② ③ ④ ⑤ ⑥ ⑦

- ① Type (7.0×5.0mm SMD)
- ② Output Frequency
- ③ Output Type (CMOS)
- ④ Supply Voltage (3.3V)
- ⑤ Frequency Tolerance (See Table 1)
- ⑥ Symmetry/ INH Function (45/ 55%, Stand-by)
- ⑦ Customer Special Model Suffix (STD Specification is "00")

Packaging (Tape & Reel 1000 pcs./ reel)

## KC7050C-C3 Series (K50-3C Series) KC7050C-C5 Series (K50-HC Series)



RoHS Compliant

### KC7050C-C3 Series

#### Features

- Miniature ceramic package
- Highly reliable with seam welding
- CMOS output
- Supply voltage  $V_{CC}=3.3V$
- $\pm 25 \times 10^{-6}$  available

Table 1

Freq. Tol.	Operating Temperature Range (°C)	Note
Code $\times 10^{-6}$		
0 $\pm 50$	-10 to +70	Standard specifications
S $\pm 30$		
U $\pm 25$		
F $\pm 100$	-40 to +85	With only certain frequencies
G $\pm 50$		

### How to Order

KC7050C 25.0000 C 3 0 E 00  
① ② ③ ④ ⑤ ⑥ ⑦

- ① Type (7.0×5.0mm SMD)
- ② Output Frequency
- ③ Output Type (CMOS)
- ④ Supply Voltage (3.3V)
- ⑤ Frequency Tolerance (See Table 1)
- ⑥ Symmetry/ INH Function (E: 45/ 55%, Stand-by) (D: 45/ 55%, Disable)
- ⑦ Customer Special Model Suffix (STD Specification is "00")

Packaging (Tape & Reel 1000 pcs./ reel)



RoHS Compliant

### KC7050C-C5 Series

#### Features

- Miniature ceramic package
- Highly reliable with seam welding
- CMOS output
- Supply voltage  $V_{CC}=5.0V$
- $\pm 25 \times 10^{-6}$  available

Table 1

Freq. Tol.	Operating Temperature Range (°C)	Note
Code $\times 10^{-6}$		
0 $\pm 50$	-10 to +70	Standard specifications
S $\pm 30$		
U $\pm 25$		
F $\pm 100$	-40 to +85	With only certain frequencies
G $\pm 50$		

### How to Order

KC7050C 25.0000 C 5 0 D 00  
① ② ③ ④ ⑤ ⑥ ⑦

- ① Type (7.0×5.0mm SMD)
- ② Output Frequency
- ③ Output Type (CMOS)
- ④ Supply Voltage (5.0V)
- ⑤ Frequency Tolerance (See Table 1)
- ⑥ Symmetry/ INH Function (45/ 55%, Disable)
- ⑦ Customer Special Model Suffix (STD Specification is "00")

Packaging (Tape & Reel 1000 pcs./ reel)

## Specifications

Type	Output Frequency Range (MHz)	Supply Voltage ( $V_{CC}$ )	Frequency Tolerance ( $\times 10^{-6}$ )	Current Consumption (mA)	Output Load (pF)
KC7050H-C3	80 to 170	3.3 $\pm 10\%$	$\pm 25$ $\pm 30$ $\pm 50$ $\pm 100$	max. 60	15
KC7050C-C3	1.5 to 80	3.3 $\pm 5\%$		max. 30	
KC7050C-C5	1.5 to 68	5.0 $\pm 10\%$ 5.0 $\pm 5\%$		max. 50	50 (1.5 $\leq f_o \leq 50$ MHz) 15 (50 $< f_o \leq 68$ MHz)

Note: Please contact us for inquiry about operating temperature range, available frequencies and other conditions.

# Mouser Electronics

Authorized Distributor

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AVX:

[KC7050C48.0000C50D00](#)