



RoHS Compliant

Specifications

| Type | Output Frequency Range (MHz) | Supply Voltage (Vcc) | Frequency Tolerance × 10 ⁻⁶ | Current Consumption (mA) | Output Load (pF) |
|------------|------------------------------|----------------------|--|--------------------------|------------------|
| KC7050S-C1 | 100 to 170 | 1.8± to 5% | ± 100 | max. 80 | 15 |
| KC7050S-C2 | 100 to 220 | 2.5± to 5% | | max. 80 | |
| KC7050S-C3 | 100 to 220 | 3.3± to 5% | | max. 80 | |

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

KC7050S-C1 Series

Features

- Low voltage 1.8V
- Low jitter
- LV-CMOS output
- Operation at fundamental high frequency

Table 1

| Freq. Tol. Code | Freq. Tol. × 10 ⁻⁶ | Operating Temperature Range (°C) | Note |
|-----------------|-------------------------------|----------------------------------|--|
| 1 | ±100 | 0 to +70 | Standard specifications With only certain frequencies |
| A | ±100 | -5 to +85 | |

How to Order

KC7050S 155.520 C 1 1 B 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 (1.8V)
- ⑤ Frequency Tolerance (See Table 1)
- ⑥ Symmetry/ INH Function (40/ 60%, Stand-by)
- ⑦ Customer Special Model Suffix (STD Specification is "00")

Packaging (Tape & Reel 1000 pcs./ reel)

KC7050S-C2 Series

Features

- Low voltage 2.5V
- Low jitter
- LV-CMOS output
- Operation at fundamental high frequency

Table 1

| Freq. Tol. Code | Freq. Tol. × 10 ⁻⁶ | Operating Temperature Range (°C) | Note |
|-----------------|-------------------------------|----------------------------------|--|
| 1 | ±100 | 0 to +70 | Standard specifications With only certain frequencies |
| A | ±100 | -5 to +85 | |

How to Order

KC7050S 155.520 C 2 1 B 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 (2.5V)
- ⑤ Frequency Tolerance (See Table 1)
- ⑥ Symmetry/ INH Function (40/ 60%, Stand-by)
- ⑦ Customer Special Model Suffix (STD Specification is "00")

Packaging (Tape & Reel 1000 pcs./ reel)

KC7050S-C3 Series

Features

- CMOS output 3.3V
- Low jitter
- Operation at fundamental high frequency

Table 1

| Freq. Tol. Code | Freq. Tol. × 10 ⁻⁶ | Operating Temperature Range (°C) | Note |
|-----------------|-------------------------------|----------------------------------|--|
| 1 | ±100 | 0 to +70 | Standard specifications With only certain frequencies |
| A | ±100 | -5 to +85 | |

How to Order

KC7050S 155.520 C 3 1 B 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 (40/ 60%, Stand-by)
- ⑦ Customer Special Model Suffix (STD Specification is "00")

Packaging (Tape & Reel 1000 pcs./ reel)