



RoHS Compliant

Specifications

| Type | Output Frequency Range (MHz) | Supply Voltage (Vcc) | Frequency Tolerance × 10 ⁻⁶ | Current Consumption (mA) | Output Load (pF) |
|------------|------------------------------|----------------------|--|--------------------------|------------------|
| KC2520A-C1 | 1.5 to 50 | 1.8±5%, 10% | ± 25 ± 30 ± 50 ±100 | max. 5 | 15 |
| KC2520A-C2 | 1.5 to 50 | 2.5±5%, 10% | | max. 6 | |
| KC2520A-C3 | 1.5 to 50 | 3.3±5%, 10% | | max. 8 | |
| KC2520B-C2 | 1.5 to 54 | 2.25 to 3.63 | | max. 5 | |

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

KC2520A-C1 Series

Features

- Miniature ceramic package
- Highly reliable with seam welding
- CMOS output
- Supply voltage Vcc=1.8V
Lower voltage available

Table 1

| Freq. Tol. Code | Tol. × 10 ⁻⁶ | Operating Temperature Range (°C) | Note |
|-----------------|-------------------------|----------------------------------|-------------------------------|
| O | ± 50 | -10 to +70 | Standard specifications |
| S | ± 30 | | |
| U | ± 25 | -40 to +85 | With only certain frequencies |
| F | ±100 | | |
| G | ± 50 | | |

How to Order

KC2520A 25.0000 C 1 0 E 00
 ① ② ③ ④ ⑤ ⑥ ⑦

- ① Type (2.5×2.0mm SMD)
- ② Output Frequency
- ③ Output Type (CMOS)
- ④ Supply Voltage (1.8V)
- 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 2000 pcs./ reel)

KC2520A-C2 Series

Features

- Miniature ceramic package
- Highly reliable with seam welding
- CMOS output
- Supply voltage Vcc=2.5V
Lower voltage available

Table 1

| Freq. Tol. Code | Tol. × 10 ⁻⁶ | Operating Temperature Range (°C) | Note |
|-----------------|-------------------------|----------------------------------|-------------------------------|
| O | ± 50 | -10 to +70 | Standard specifications |
| S | ± 30 | | |
| U | ± 25 | -40 to +85 | With only certain frequencies |
| F | ±100 | | |
| G | ± 50 | | |

How to Order

KC2520A 25.0000 C 2 0 E 00
 ① ② ③ ④ ⑤ ⑥ ⑦

- ① Type (2.5×2.0mm SMD)
- ② Output Frequency
- ③ Output Type (CMOS)
- ④ Supply Voltage (2.5V)
- 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 2000 pcs./ reel)

KC2520A-C3 Series

Features

- Miniature ceramic package
- Highly reliable with seam welding
- CMOS output
- Supply voltage Vcc=3.3V

Table 1

| Freq. Tol. Code | Tol. × 10 ⁻⁶ | Operating Temperature Range (°C) | Note |
|-----------------|-------------------------|----------------------------------|-------------------------------|
| O | ± 50 | -10 to +70 | Standard specifications |
| S | ± 30 | | |
| U | ± 25 | -40 to +85 | With only certain frequencies |
| F | ±100 | | |
| G | ± 50 | | |

How to Order

KC2520A 25.0000 C 3 0 E 00
 ① ② ③ ④ ⑤ ⑥ ⑦

- ① Type (2.5×2.0mm 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 2000 pcs./ reel)

KC2520B-C2 Series

Features

- Miniature ceramic package
2.5 (L) ×2.0 (W) ×0.7 (H) mm (Typ.)
- Highly reliable with seam welding
- CMOS output
- Supply voltage Vcc=2.5V/ 3.3V
Compatible
Low Power Supply Consumption
- Wide Operating Voltage
Range 2.25 to 3.63V

Table 1

| Freq. Tol. Code | Tol. × 10 ⁻⁶ | Operating Temperature Range (°C) | Note |
|-----------------|-------------------------|----------------------------------|-------------------------------|
| O | ± 50 | -10 to +70 | Standard specifications |
| S | ± 30 | | |
| U | ± 25 | -40 to +85 | With only certain frequencies |
| F | ±100 | | |
| G | ± 50 | | |

How to Order

KC2520B 25.0000 C 2 0 E 00
 ① ② ③ ④ ⑤ ⑥ ⑦

- ① Type (2.5×2.0mm SMD)
- ② Output Frequency
- ③ Output Type (CMOS)
- ④ Supply Voltage (2.5V, 3.3V
Compatible)
- 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 2000 pcs./ reel)