

Specifications

| Type | Output Frequency Range (MHz) | Supply Voltage (Vcc) | Frequency Tolerance ($\times 10^{-6}$) | Current Consumption (mA) | Output Load (pF) |
|-----------------|------------------------------|----------------------|---|--------------------------|------------------|
| FXO-61F2 Series | 1.8 to 50 | 5.0 \pm 10% | ± 30 (to 32MHz) | max. 10 | max. 15 |
| | | 3.3 \pm 10% | ± 50 (to 32MHz) ± 100 (to 50MHz) | | max. 20 |
| FXO-64F2 Series | 1.8 to 32 | 5.0 \pm 5% | ± 30 ± 50 | max. 12 | max. 15 |
| | | 3.3 \pm 5% | ± 100 | max. 10 | |

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

KC5032D Series (FXO-61F2 Series)

CMOS/ 3.3V/ 5.0V/ 5.0 \times 3.2mm



Features

- Compact and low profile (5 \times 3.2 \times 1.2mm)
- Surface mount type suitable for auto pick-and-place
- Reflow soldering compatible
- CMOS, TTL IC direct drive is possible
- With tri-state function
- Supply voltage Vcc=3.3/ 5.0V available

Table 1

| Freq. Code | Tol. $\times 10^{-6}$ | Operating Temperature Range (°C) | Note |
|------------|-----------------------|----------------------------------|--------------|
| 1 | ± 100 | -10 to +70 | 1.8 to 50MHz |
| 0 | ± 50 | (Standard) | 1.8 to 32MHz |
| S | ± 30 | | |

How to Order

KC5032D 25.0000 C 3 1 B 00
① ② ③ ④ ⑤ ⑥ ⑦

- ① Type (5.0 \times 3.2mm SMD)
- ② Output Frequency
- ③ Output Type (CMOS)
- ④ Supply Voltage (3.3V or 5.0V)
- 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)

KC5032D Series (FXO-64F2 Series)

CMOS/ 3.3V/ 5.0V/ 5.0 \times 3.2mm



Features

- A built-in high-precision CMOS IC suitable for a wide range of temperature
- Ideal for base stations and DSC, DVC, car navigation and PHS systems etc.
- Lower noise and lower current for reduced power consumption
- Supply voltage Vcc=3.3/ 5.0V available

Table 2

| Freq. Code | Tol. $\times 10^{-6}$ | Operating Temperature Range (°C) | Note |
|------------|-----------------------|----------------------------------|--------------|
| P | ± 100 | -30 to +85 | 1.8 to 32MHz |
| Q | ± 50 | (Standard) | |
| R | ± 30 | | |

How to Order

KC5032D 15.3600 C 3 P B 00
① ② ③ ④ ⑤ ⑥ ⑦

- ① Type (5.0 \times 3.2mm SMD)
- ② Output Frequency
- ③ Output Type (CMOS)
- ④ Supply Voltage (3.3V or 5.0V)
- ⑤ Frequency Tolerance (See Table 2)
- ⑥ Symmetry/ INH Function (A: 40/ 60%, Disable) (B: 40/ 60%, Stand-by)
- ⑦ Customer Special Model Suffix (STD Specification is "00")

Packaging (Tape & Reel 1000 pcs./ reel)