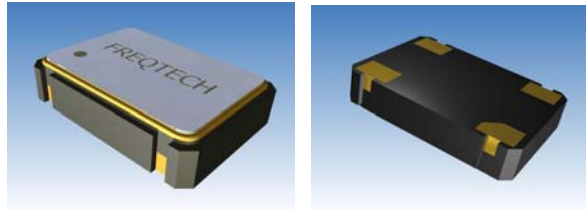


FT3B

3,3V SMD Oscillator – package: ceramic base with metal cover
rohs compliant

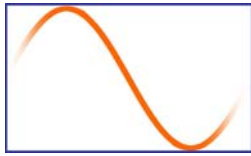


Electrical specifications

| Parameter | Condition | Availability | Standard |
|------------------------------|---|---|--|
| Frequency range | | 1,0 ~ 125,0 MHz | |
| Frequency stability | @ -20°C ~ +70°C @ -40°C ~ +85°C | +/- 25 ~ +/- 50 ppm +/- 50 ~ +/- 150 ppm | +/- 50 ppm +/- 100 ppm |
| Operating temperature range | | -40 ~ +85 °C | -20 ~ +70 °C |
| Storage temperature range | | | -55 ~ +125 °C |
| Power supply voltage | | | 3,3 V +/-10% |
| Aging (1 st year) | @ 25°C +/-3°C | | +/- 5,0 ppm |
| Supply current | 1,0–23,99 MHz 24,0–49,99 MHz 50,0-69,99 MHz 70,0-125,0 MHz | | 15 mA max. 20 mA max. 30 mA max. 45 mA max. |
| Output symmetry | @ ½ Vdd | | 40/60% option: 45/55% |
| Rise time | 10%Vdd ~ 90% Vdd | | 8 ns max. |
| Fall time | 90% Vdd ~ 10% Vdd | | 8 ns max. |
| Output load | HCMOS load | 15 – 50 pF | |
| Start up time | | | 10 ms max. |
| Pin1, tristate function | | Pin 1=H or open / output active at Pin 3 Pin 1=L...high impedance at Pin 3 | |

Pin connection

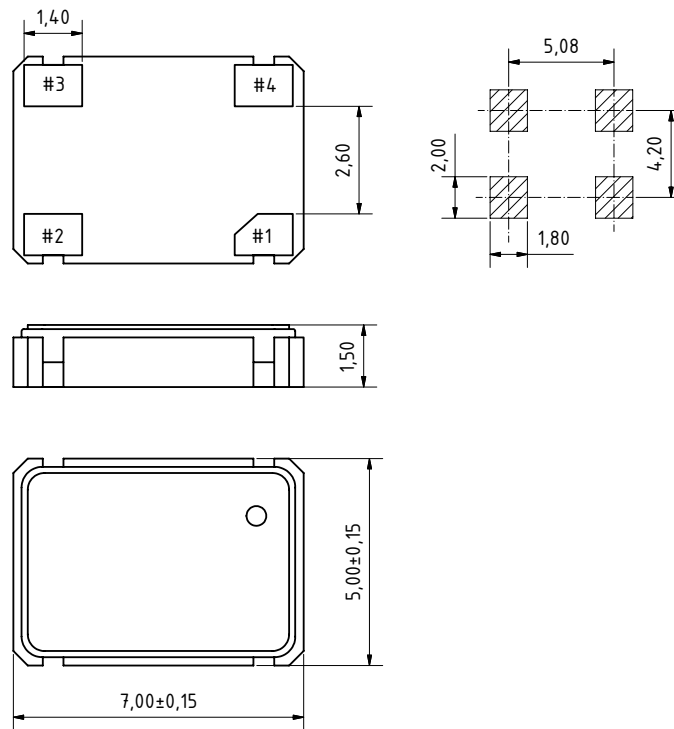
| Pin | Connection | Pin | Connection |
|-----|---------------|-----|------------|
| 1 | tristate / NC | 3 | Output |
| 2 | GND | 4 | + 3,3V dc |



FT3B

3,3V SMD Oscillator – package: ceramic base with metal cover
 rohs compliant

Mechanical dimensions (mm)



Ordering key

| Type | - frequency | / frequency stability | - output load | / operating teperature | / option |
|------|--------------|-----------------------|---------------|--------------------------------------|--------------------------|
| FT3B | value in MHz | value in ppm | value in pF | 27 = -20°C~+70°C 48 = -40°C~+85°C | s45 = symmetry 45/55% |