

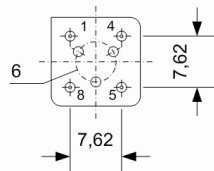
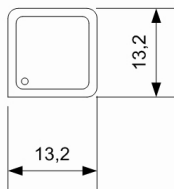
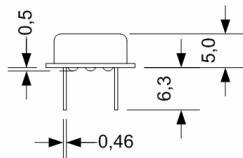


Specification: QTXO-DIL8

Oszillator: XO

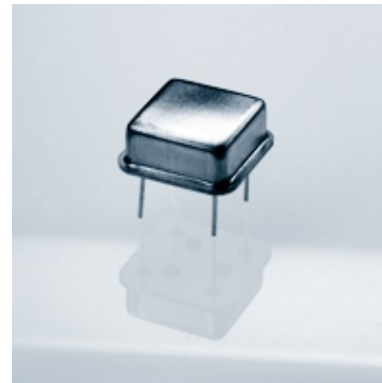
Enclosure

DIL 8



PIN CONNECTIONS

- 1 NC
- 4 GND
- 5 RF Output
- 8 V_{DD}



| PARAMETER | MIN | TYP | MAX | UNIT | NOTE |
|--|-------|---------|-------|--------|------------------------------|
| Frequency range | 9 | | 110 | MHz | |
| Frequency stability | | | | | |
| Nominal tolerance | ± 5 | | ± 20 | ppm | |
| vs. temperature in operating temp. range | ± 5 | | ± 50 | ppm | |
| vs. supply voltage | | | ± 2 | ppm | |
| vs. load change | | | ± 2 | ppm | |
| aging | | | < ±3 | ppm | + 25°C, 1 st year |
| Supply voltage | | 5 | | V | |
| | | 3,3 | | V | |
| Current consumption | 20 | | 40 | mA | ¹⁾ |
| RF output | | | | | |
| Signal waveform | | HCMOS | | | |
| load | | 15 | | pF | |
| duty cycle | | 45 - 55 | | % | |
| rise / fall time | | | 10 | ns | |
| start-up time | | | 10 | ms | |
| Operating temperature range | - 30 | | + 85 | °C | |
| Storage temperature range | - 55 | | + 125 | °C | |
| Phase noise | | < - 120 | | dBc/Hz | at 100 Hz |
| Enclosure | DIL-8 | | | | (see drawing) |
| ESD rating (HBM) | | | 1,5 | kV | |

Note: ¹⁾ frequency dependent