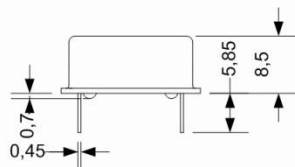


Enclosure
DIL 14

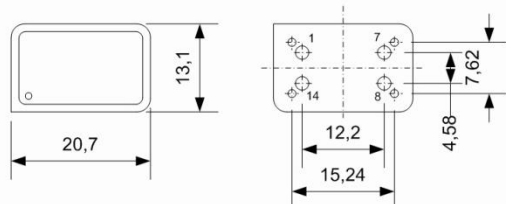
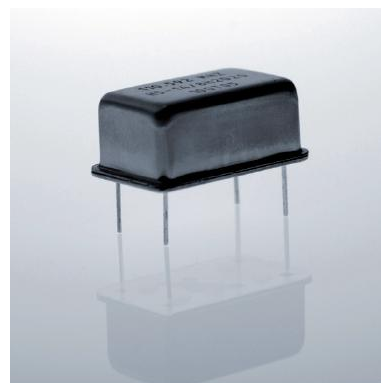
Date: 22.10.2014
ROHS-compliance

Dimensions



PIN CONNECTIONS

- | | |
|---|-----------------|
| 1 | NC |
| 2 | GND |
| 3 | RF Output |
| 4 | V _{DD} |



| Parameter | MIN | TYP | MAX | UNIT | NOTE |
|--|----------|------------|-------|---------------------|-----------------------------|
| Frequency range | 9 | | 110 | MHz | |
| Frequency stability | | | | | |
| Nominal tolerance | ± 5 | | ± 20 | ppm | |
| vs. Temperature in the 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 | | 3.3 5.0 | | 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 | - 40 | | + 85 | °C | |
| Storage temperature range | - 55 | | + 125 | °C | |
| Phase noise | | < -120 | | dB _c /Hz | at 100 Hz |
| Enclosure | DIL 14/8 | | | | (see drawing) |
| ESD rating (HBM) | | | 1.5 | kV | |

Note: (1) frequency dependent