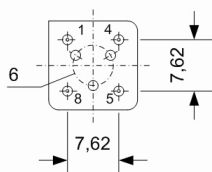
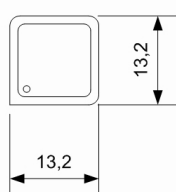
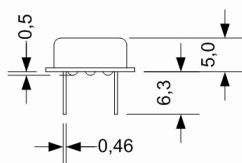


Enclosure  
DIL 8

Date: 22.10.2014  
ROHS-compliance

### Dimensions



### PIN CONNECTIONS

|   |                 |
|---|-----------------|
| 1 | NC              |
| 2 | GND             |
| 3 | RF Output       |
| 4 | V <sub>DD</sub> |



| Parameter                                    | MIN   | TYP        | MAX      | UNIT | NOTE                               |
|--|-------|------------|----------|------|------------------------------------|
| Frequency range                              | 0.500 |            | 150      | MHz  |                                    |
| Frequency stability                          |       |            |          |      |                                    |
| Nominal tolerance                            | ± 10  |            | ± 100    | ppm  |                                    |
| vs. Temperature in the operating temp. range | ± 10  |            | ± 100    | ppm  |                                    |
| Supply voltage                               |       | 3.3<br>5.0 |          | V    | ± 5%                               |
| Supply current                               |       |            | 30<br>60 | mA   | 0.5 to 23.999 MHz<br>24 to 150 MHz |
| RF output                                    |       |            |          |      |                                    |
| Signal waveform                              |       | HCMOS      |          |      | TTL-compatible                     |
| Load   |       | 15         |          | pF   | <sup>(1)</sup>                     |
| Duty cycle                                   |       | 60/40      |          |      |                                    |
| Rise / fall time                             |       |            | 10       | ns   |                                    |
| Operating temperature range                  | - 20  |            | + 70     | °C   | <sup>(2)</sup>                     |
| Storage temperature range                    | - 55  |            | + 125    | °C   |                                    |
| Enclosure                                    | DIL 8 |            |          |      | (see drawing)                      |

Note: <sup>(1)</sup> 1 - 10 TTL max. <sup>(2)</sup> -40°C to + 85°C optional