

## OCXO UNIT WITH SINE WAVE OUTPUT IN SMD 15x10mm PACKAGE.

### PRODUCT FEATURES

- Small dimensions 15x10x8.2 with 6 solder pads.
- Tight stabilities over temperature range.
- RoHS compliant, LEAD-FREE.

### APPLICATIONS

- Base station
- Telecom equipment

### PRODUCT PHOTO (NOT IN SCALE)

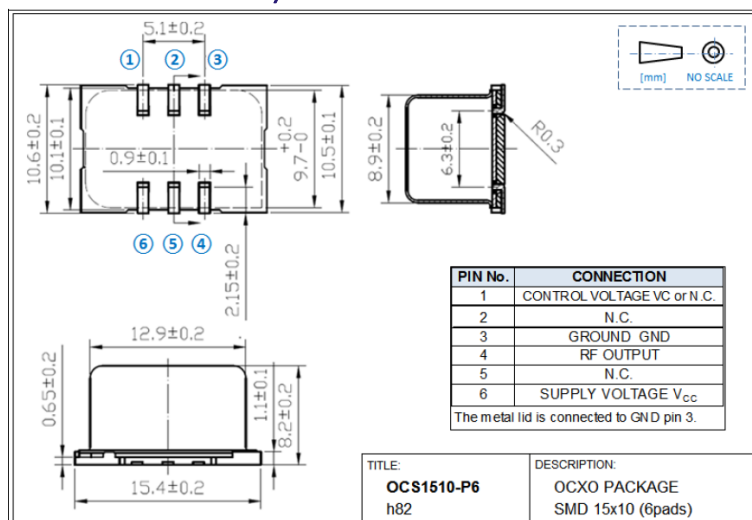


### PRODUCT SPECIFICATIONS

| PARAMETER                                     | SUPPLY VOLTAGE                       | REMARKS                              |
|-----------------------------------------------|--------------------------------------|--------------------------------------|
|                                               | 3.3V/5V                              |                                      |
| Frequency range                               | 10 ~ 100MHz                          | --                                   |
| Frequency tolerance                           | ±200ppb                              | Initial tol. @+25°C                  |
| Frequency stability                           | ±5ppb / 10ppb / ±50ppb               | See note below table                 |
| Operating temperature range                   | -20 to +70°C / -40 to +85°C          | In combination to above stabilities. |
| Aging per year                                | ±0.6ppm                              | @+25°C                               |
| Output waveform and load                      | SINE WAVE 50Ω                        | --                                   |
| Output level                                  | +5 dBm                               | Minimum                              |
| Phase noise (example 10MHz)                   | -125dBc/Hz / -145dBc/Hz / -150dBc/Hz | @100Hz / 1kHz / 10kHz                |
| Phase jitter RMS                              | <1ps                                 | 12kHz≤Fj≤20MHz                       |
| Power consumption (warm up)<br>(steady state) | 3W                                   | Max                                  |
|                                               | 1W                                   | Max                                  |

Note: Frequency stability is the frequency deviation over temperature range in reference to +25°C

### PACKAGE OUTLINE / DIMENSIONS



### PACKAGING INFORMATION

- Tape & Reel compliant to EIA-481.
- Embossed carrier width 24mm.
- Component pitch in carrier 4mm.
- Reel diameter 330mm.
- QTY per reel: 250pcs

### RECOMMENDED REFLOW PROFILE

