

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)

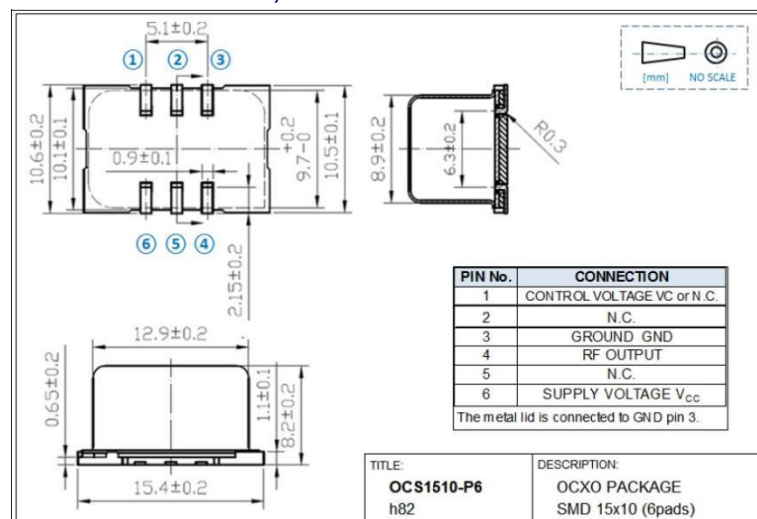


PRODUCT SPECIFICATIONS

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) (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

