TX5-254HL

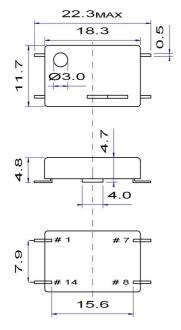
SMD TCXO HCMOS



Features

- Applications: mobile communications, instrumentation, broadcast
- Frequency range up to 200 MHz
- Tight frequency stability vs. temperature
- Low phase noise

| Parameter | Specification | |
|--|---|---|
| | TX5-254HL3 | TX5-254HL5 |
| Frequency range | 1 ~ 200 MHz | |
| Standard frequencies | 10.00, 12.80, 13.00, 16.384, 18.00, 20.00, 26.00, 27.00 & 40.00 MHz | |
| Frequency stability: | | |
| vs. temperature | ≤ ±0.5 ~ ±2.5 ppm | |
| vs. supply & load change | ≤ ±0.2 ppm | ±5 % |
| vs. aging | ≤ ±1.0 ppm | 1 st year |
| Frequency tolerance ex. factory | ≤ ±0.5 ppm | @ +25 ℃ |
| Supply voltage | +3.3 V ±5 % | +5.0 V ±5 % |
| Supply current | 10 ~ 40 mA | |
| Output signal | HCMOS | |
| Output load | 15 pF | |
| Frequency adjustment | > ±5 ppm | with internal trimmer |
| Phase noise @ 40 MHz carrier frequency | -140 dBc/Hz | @ 1 kHz |
| Operating temperature range | -20 ~ +70 ℃ -40 ~ +85 ℃ | commercial application industrial application |
| Storage temperature range | -55 ~ +125 ℃ | |
| Packaging units | tape & reel tray | 500 pieces 50 pieces |
| Customer specifications on request | | |



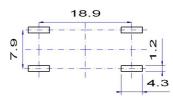
Pin function

14

1 not connected # 7 GND # 8 Output

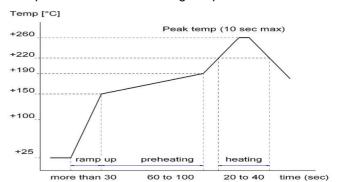
Vdc

Example for solder pattern



Do not design any conductive path between the pattern

Example for IR reflow soldering temperature



2002/95/EC RoHS compliant