

**VCXO UNIT WITH SINE WAVE OUTPUT IN DIP-14 PACKAGE.**
**PRODUCT FEATURES**

- Tight stabilities over temperature range.
- RoHS compliant, LEAD-FREE, HALOGEN-FREE and REACH compliant.

**APPLICATIONS**

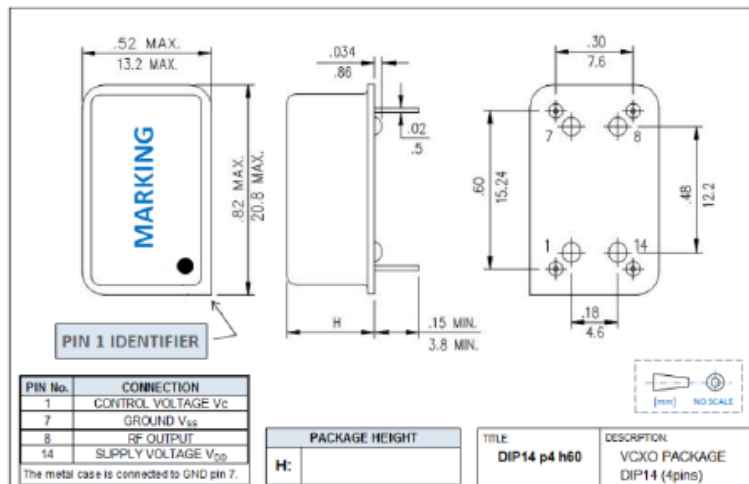
- WiMAX / WLAN / Ethernet
- DSL / VoIP
- Cable modem
- Optical communication module

**PRODUCT PHOTO (NOT IN SCALE)**

**PRODUCT SPECIFICATIONS**

| PARAMETER                   | SUPPLY VOLTAGE                             |      |       | REMARKS                |
|-----------------------------|--|------|-------|------------------------|
|                             | 5.0V                                       |      |       |                        |
| Frequency range             | 10 ~ 80MHz                                 |      |       | --                     |
| Frequency stability         | ±20ppm / ±25ppm / ±30ppm / ±50ppm          |      |       | See note below         |
| Operating temperature range | -10 to +60°C / -20 to +70°C / -40 to +85°C |      |       | Options available      |
| Aging first year            | ±3.0ppm                                    |      |       | @+25°C                 |
| Frequency pulling range     | ±45ppm ~ ±100ppm                           |      |       | Depending on frequency |
| Supply current              |  | 25mA |       |                        |
| Output waveform and load    | SINE WAVE 50Ω                              |      |       |                        |
| Output level                | 0dBm                                       | 5dBm | 10dBm |                        |
| Phase jitter RMS            | <0.5ps or <1.5ps                           |      |       | 12kHz≤Fj≤20MHz         |

Note: Stability includes frequency deviations at +25°C, over temperature range, due to supply voltage changes, output load changes, shock and vibration.

**PACKAGE OUTLINE / DIMENSIONS**

**PACKAGING INFORMATION**

- Bulk packaging in vinyl bags and boxes.
- QTY per bag: 100pcs MAX.
- QTY per box: 1,000pcs MAX.

**RECOMMENDED WAVE SOLDER PROFILE**
