TEL: 1-281-870-8822 EMAIL:Sales@DynamicEng.com



Features and Benefits

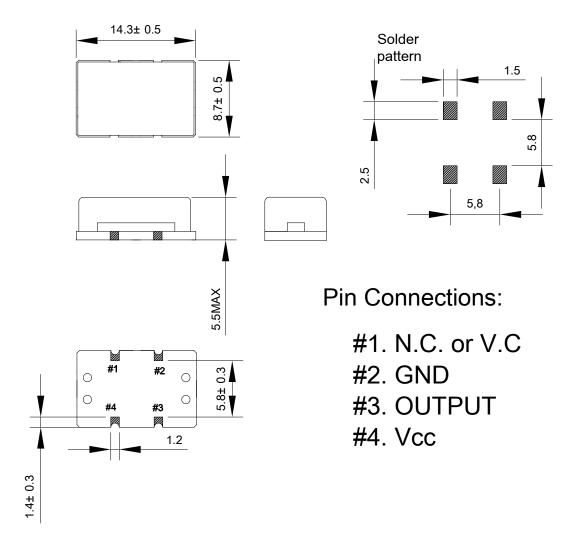
High accurate temperate compensation HCMOS output signal Low aging ±1.0ppm max. at first year Operating temperature -40°C to +85°C

Mechanical Drawing & Pin Connections

Drawing No:

MD150099-1

unit: mm





Dynamic Engineers Inc.

2550 Gray Falls Dr., Suite#128, Houston, TX, 77077 USA TEL: 1-281-870-8822 EMAIL: Sales@DynamicEng.com

H7 LC- % ?!+\$A<n!5 70MHz HCMOS TCXO

Specifications

| TCXO914K-70MHz-A Specification | Com | Condition | Value | | | Heit | Moto | |
|-----------------------------------|------------------|---|-------|-------|------|------|------|--|
| | Sym | | Min. | Тур. | Max. | Unit | Note | |
| Operational Frequency | F _{nom} | | | 70 | | MHz | | |
| Operating temperature range | | | -40 | | +85 | °C | | |
| RF Output | | | | | , | | | |
| Wave form | | | | HCMOS | | | | |
| Output Load | | | | 15 | | pF | | |
| Duty cycle | | | 45 | | 55 | % | | |
| Rise/Fall time | | | | | 5 | ns | | |
| Power Supply | | | | | | | | |
| Voltage | V _{cc} | | 4.75 | 5 | 5.25 | V | | |
| Input Current | | | | 25 | | mA | | |
| Frequency Stability | | | | | | | | |
| Vs. Temperature | | over -40°C~+85°C, | | | ±1.0 | ppm | | |
| Frequency Tolerance | | @25°C | | | ±1.5 | ppm | | |
| Aging first year | | | | | ±1.0 | ppm | | |
| Environmental Conditions | | | | | | | | |
| Storage temperature range | -45°C to +9 | -45°C to +90°C | | | | | | |
| Soldering Conditions | Hand sold | Hand solder only – not reflow compatible 245°C 10s(on pins) | | | | | | |