

TTL/HCMOS TCXO

CHA-7□□H Series

◆特長・用途/Feature

- ・Supply Voltage **+5.0V**
- ・Output Level **TTL / HCMOS**
- ・Frequency range **2MHz ~ 40MHz**



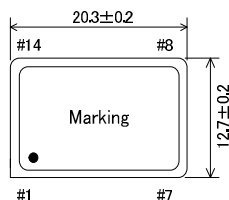
◆仕様/Specifications

RoHS Compliant

| 項目 / item | CHA-710H | | CHA-725H | | CHA-750H | | 単位 / unit | Note |
|------------------------------------|----------|-----|----------|------|----------|------|------------------|---|
| | Min | Max | Min | Max | Min | Max | | |
| 出力周波数 Frequency range | 2 | 40 | 2 | 40 | 2 | 40 | MHz | -- |
| 動作温度範囲 Operating Temp. range | 0 | +60 | 0 | +60 | 0 | +60 | °C | -- |
| 電源電圧 Power Supply voltage | +5.0 | | | | | | V | -- |
| 消費電流 Current | -- | 30 | -- | 30 | -- | 30 | mA | 2 ~ 30MHz |
| | -- | 50 | -- | 50 | -- | 50 | mA | 30 ~ 40MHz |
| 周波数安定度 Freq. Overall tolerance | -- | ±1 | -- | ±2.5 | -- | ±5.0 | 10 ⁻⁶ | Inclusive of initial tolerance , operating temperature |
| 電源電圧変動安定度 Supply voltage change | -1 | +1 | -1 | +1 | -1 | +1 | 10 ⁻⁶ | +5V±5% |
| エージング Freq. Aging | -1 | +1 | -1 | +1 | -1 | +1 | 10 ⁻⁶ | 1 year |

| 項目 / item | TTL | | HCMOS | | 単位 / unit | Note |
|-----------------------|-----|-----|-------|--------------------|--------------------|---|
| | Min | Max | Min | Max | | |
| 出力レベル Output level | VOH | 2.4 | -- | 90%V _{DD} | V | -- |
| | VOL | -- | 0.4 | -- | 10%V _{DD} | V |
| Rise time , Fall time | -- | 5 | -- | 7 | ns | TTL : 0.4V⇔2.4V HCMOS : 10%V _{DD} ⇔90%V _{DD} |
| Duty Cycle | 40 | 60 | 40 | 60 | % | TTL : +1.4V HCMOS : 50%V _{DD} |

◆外形寸法/Dimensions unit : mm



Terminal Connections

| Terminal# | Connection |
|-----------|------------------------------------|
| 1 | V _c or NC |
| 7 | GND |
| 8 | Output |
| 14 | V _{cc} or V _{DD} |

Pin#1 is NC for SPXO/TCXO

