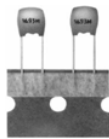
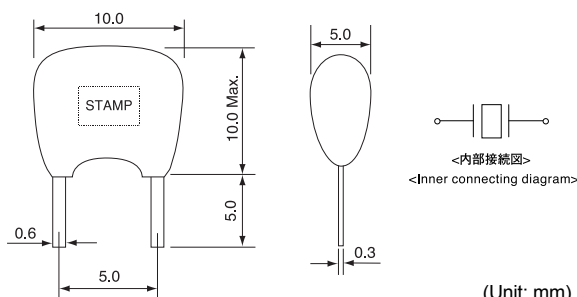


**TYPE CRHD_A (CERASONATOR®) MHz Band
CRHDP_A for taping**

CRHD_A

**CRHDP_A
(CRHD for Taping)**

Description

- Ceramic resonators in the MHz band for microcomputers.
- Applicable oscillation frequency range: 13.01 ~ 50MHz.

Features

- Precise oscillating frequency without adjustment.
- May be used with a variety of ICs.
- RoHS compliant

Applications

- Reference signal oscillators for — microcomputers (CD/MD players, CD-ROM, CD-R, etc)
- Digital applications equipment including measuring instruments, communications equipment, toy, etc.

概要

- マイコン用MHz帯セラミック発振子
- 対応発振周波数範囲：13.01～50MHz

特長

- 無調整で高精度の発振周波数が得られる
- 各種ICとの組合せが容易
- RoHS 指令対応

用途

- 各種マイコン用基準信号発生器 (CD/MDプレーヤ、CD-ROM、CD-R等)
- 計測機器、通信機器、玩具などのデジタル応用機器

SELECTION GUIDE FOR STANDARD RESONATORS
TYPE CRHD

| 東光品番 | 発振周波数 | 共振抵抗 | 発振周波数の温度特性 | 外付けコンデンサ | | 備考 |
|------------------|-----------------------------|----------------------------|---|----------|---------|------|
| TOKO Part Number | Oscillation Frequency (MHz) | Resonant Impedance (Ω)Max. | Oscillation Frequency Temperature Stability (-20°C~+80°C) | C1 (pF) | C2 (pF) | Note |
| DCRHD16.93A | 16.93±0.5% | 40 | ±0.3% | 30 | 30 | |
| DCRHD33.86A | 33.86±0.5% | 40 | ±0.3% | 5 | 5 | |

- Oscillation frequency tolerance can be designed narrower than $F_{osc} \pm 0.5\%$, but $F_{osc} \pm 0.2\%$.
- TOKO performs matching evaluation for all types of ICs. Please contact us regarding applicable products.

発振周波数公差は $F_{osc} \pm 0.5\%$ より狭公差にも $F_{osc} \pm 0.2\%$ まで対応可能です。各種ICとのマッチング評価を行っていますので、対応品番をお問い合わせ下さい。

Oscillation frequency test circuit 発振周波数 測定回路
