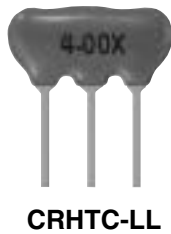
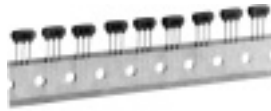


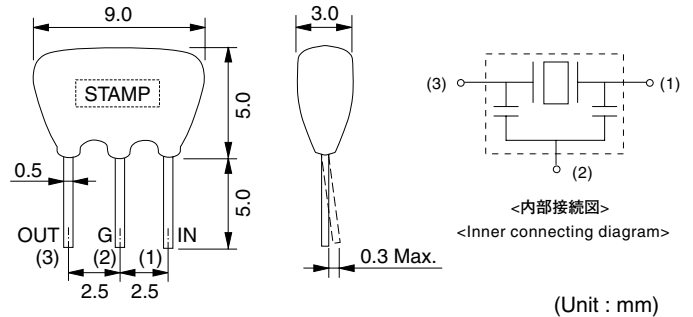
**TYPE CRHTC-LL (CERASONATOR®) MHz Band with built-in capacitors
CRHTCP for taping**



CRHTC-LL



CRHTCP



Description

- Ceramic resonators with built-in capacitors usable in the MHz band for microprocessors and infrared remote controls, telephone dual tone multi-frequency, etc., reference signal oscillations.
- Applicable oscillation frequency range: 2.0 to 6.0MHz.

Features

- Precise oscillating frequency without adjustment.
- Load capacitors (C1, C2) not required.
- May be used with a variety of ICs.
- Suitable for taping.
- RoHS compliant

Applications

- Reference signal oscillators for — Microcomputers (household electronics, OA equipment)
- Remote controlling — TVs, VTRs, air-conditioners, CD players, lighting apparatus.
- Digital applications equipment including measuring instruments, communications equipment, toys, etc.

概要

- 各種マイクロプロセッサや赤外線リモコン、電話D.T.M.F等の信号発生用C内蔵のMHz帯セラミック発振子
- 対応発振周波数範囲：2.0～6.0MHz

特長

- 無調整で高精度の発振周波数が得られる
- 負荷容量 (C1、C2) が不要
- 各種ICとの組合せが容易
- テーピング対応品
- RoHS 指令対応

用途

- 各種マイコン用基準信号発生器 (各種家電機器、OA機器)
- 各種リモコン用基準信号発生器 (TV、VTR、エアコン、CDプレーヤ、照明器具)
- 計測器、通信機器、玩具などのデジタル応用機器

SELECTION GUIDE FOR STANDARD RESONATORS

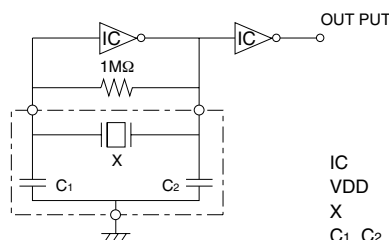
TYPE CRHTC

東光品番	発振周波数	共振抵抗	発振周波数の温度特性	負荷容量		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
DCRHTC3.58LL	3.58±0.5%	30	±0.3%	Built-in	Built-in	
DCRHTC4.00LL	4.00±0.5%	30	±0.3%	Built-in	Built-in	
DCRHTC4.19LL	4.19±0.5%	30	±0.3%	Built-in	Built-in	
DCRHTC5.00LL	5.00±0.5%	25	±0.3%	Built-in	Built-in	
DCRHTC6.00LL	6.00±0.5%	25	±0.3%	Built-in	Built-in	

- Oscillation frequency tolerance can be designed to a desired level.
- TOKO performs matching evaluation for all types of ICs. Please contact us regarding applicable products.

- 発振周波数は、任意の周波数とすることが可能です。
- 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



IC : 1/6 μPD4069UBC
VDD : +5V
X : CRHTC-LL
C1, C2 : Built-in capacitor