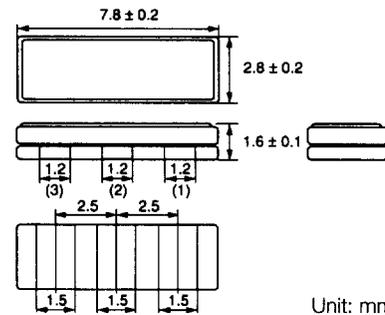


TYPE ECRHT (CERASIZER®)



Unit: mm

Description

- Ceramic resonators with built-in capacitors usable in the MHz band for microprocessors and infrared remote controls, telephone, D.T.M.F. etc., reference signal oscillators.
- Applicable oscillating frequency range: 2.5 to 6.0MHz.

Features

- Precise oscillating frequency without adjustment.
- Load capacitors (C_1 , C_2) not required.
- May be used with a variety of ICs.
- Suitable for SMD.

Applications

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

STANDARD DISCRIMINATORS SELECTION GUIDE

TYPE ECRHT Discriminators

TOKO Part Number*	Oscillating Frequency (F_{osc}) (MHz)	Resonance Impedance (Ω)	F_{osc} Temp. Stability (140°C ~ +85°C)	Load Capacitor	
				C_1 (pF)	C_2 (pF)
DECRHT3.58	3.58±0.5%	30 max.	±0.3%	Built-in	Built-in
DECRHT4.00	4.00±0.5%	30 max.	±0.3%	Built-in	Built-in
DECRHT4.19	4.19±0.5%	30 max.	±0.3%	Built-in	Built-in
DECRHT5.00	5.00±0.5%	30 max.	±0.3%	Built-in	Built-in
DECRHT6.00	6.00±0.5%	30 max.	±0.3%	Built-in	Built-in

* Ceramic discriminators are classified by exclusive IC numbers. Please ask for TOKO Part Number.

Test Circuit