

RoHS Compliant

Miniature chip resonator
Best suited for compact and low profile electronic devices

Features

- Miniature (2.5×2.0×0.8 to 0.5mm typ.) SMD type
- High precision type is available for full speed USB

Applications

- CD-R/ W • Cellular (CDMA/ PCS)
- HDD • Portable Electronic Equipment
- DVD-ROM • Memory Card
- MD • USB
- Printer

How to Order

PRTC 25.00 T R 50 10 W 000
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

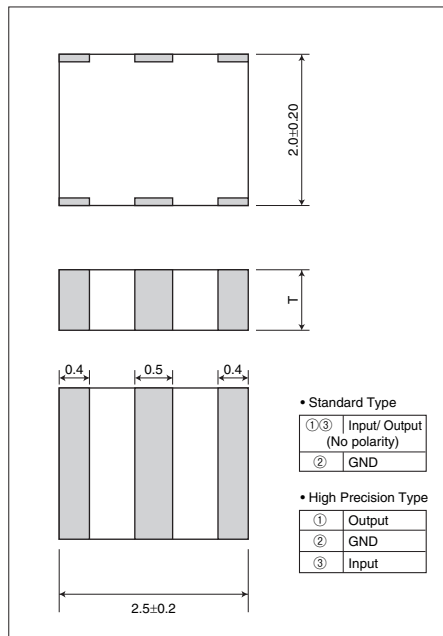
- ① Series
- ② Oscillating Frequency (MHz)
- ③ Oscillating Mode
- ④ Packaging: Tape & Reel
4000 pcs./ Reel
- ⑤ Initial Frequency Tolerance (0.5%)
- ⑥ Load Capacitance
- ⑦ Operating Temperature (-20°C to 80°C)
- ⑧ Unique Code

Notice

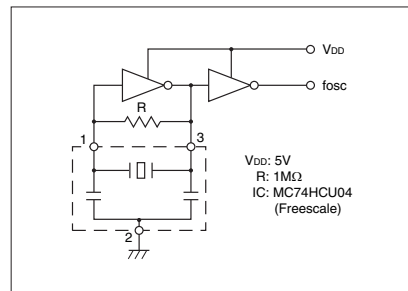
- Non Washable

Dimensions

(Unit: mm)



Test Circuit



Specifications

• Standard Type

Frequency Range	Frequency Tolerance (25°C)	Temperature Stability (-20 to 80°C)	IC	Standard Frequency (MHz)
20.0 to 60.0MHz	±0.5%	±0.2%	MC74HCU04 (Freescale)	25.0, 30.0, 33.86, 40.0

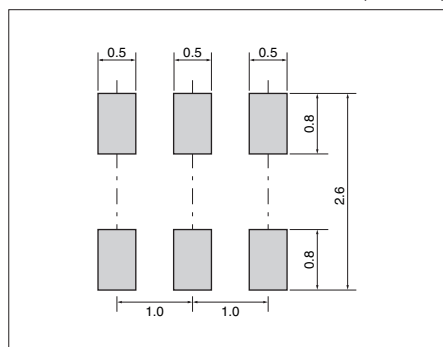
Please contact your local sales office for IC matching.

• High Precision Type

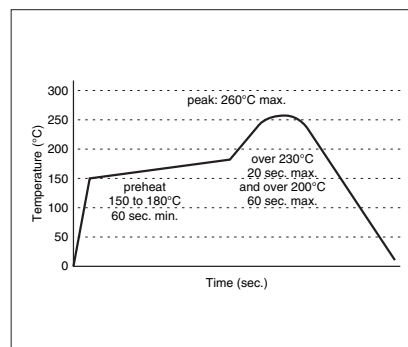
Frequency Range	Frequency Tolerance (25°C)	Temperature Stability (-20 to 70°C)	Aging (10 years)	IC	Standard Frequency (MHz)
20.0 to 60.0MHz	±0.16%	±0.08%	±0.01%	MC74HCU04 (Freescale)	48.0

Recommended Land Pattern

(Unit: mm)

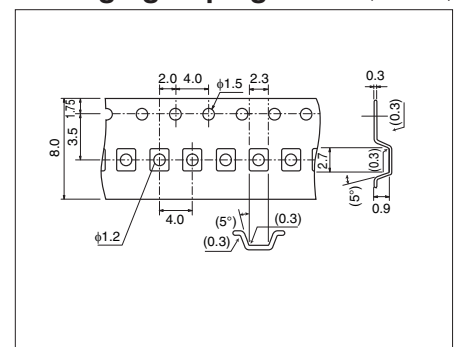


Recommended Reflow Profile



Packaging: Taping

(Unit: mm)



• 4000 pcs./ Reel