

RoHS Compliant

Ultra-miniature chip resonator with 0.8mm maximum height
 Best suited for compact and low profile electronic devices

Features

- Ultra-miniature (2.5×2.0×0.8mm) SMD type
- High precision type is available for full speed USB

Applications

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

How to Order

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

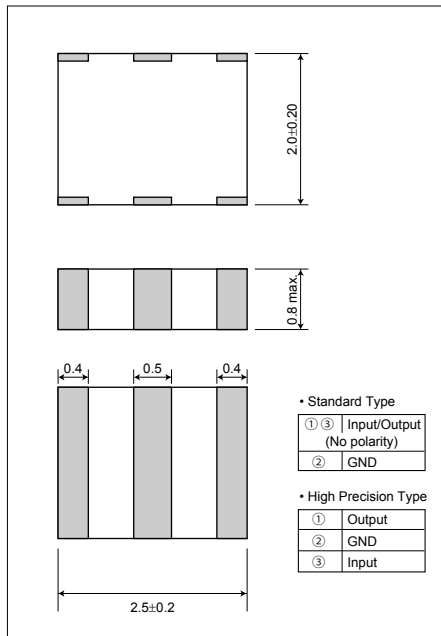
- ① Series
- ② Oscillating Frequency (MHz)
- ③ Oscillating Mode
- ④ Packaging : Tape & Reel
4000pcs./Reel
- ⑤ Initial Frequency Tolerance (0.5%)
- ⑥ Load Capacitance
- ⑦ Operating Temperature (-20°C to 80°C)
- ⑧ Unique Code

Notice

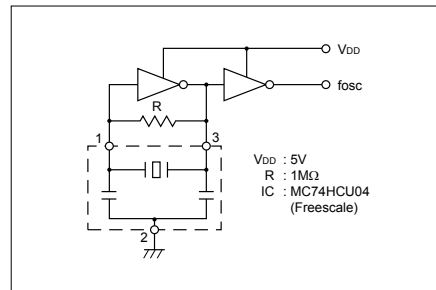
- Non Washable

Dimensions

(Unit : mm)



Test Circuit



Specifications

• Standard Type

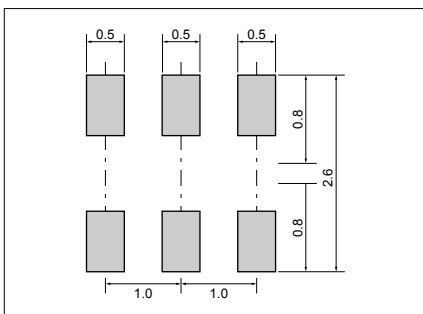
Frequency Range	Frequency Tolerance (25°C)	Temperature Stability (-20 to 80°C)	IC	Standard Frequency (MHz)
25.0 to 60.0MHz	±0.5%	±0.2%	MC74HCU04 (Freescale)	25.0, 30.0, 33.86, 40.0

Please contact your local sales office for IC matching.

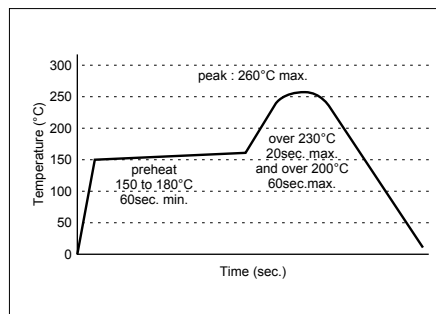
• High Precision Type

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

Recommended Land Pattern (Unit : mm)

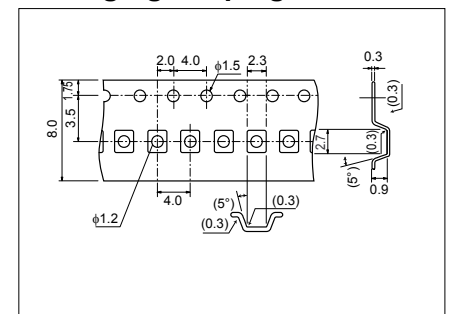


Recommended Reflow Profile



Packaging : Taping

(Unit : mm)





RoHS Compliant

Features

- Miniature size (3.2×2.1×1.5 mm)
- Wide frequency range
- High precision type is available for full speed USB

Applications

- CD-ROM
- HDD
- DVD-ROM
- MD
- Printer
- Cellular (CDMA/PCS)
- Portable Electronic Equipment
- USB

How to Order

SSR 33.86 B R
① ② ③ ④

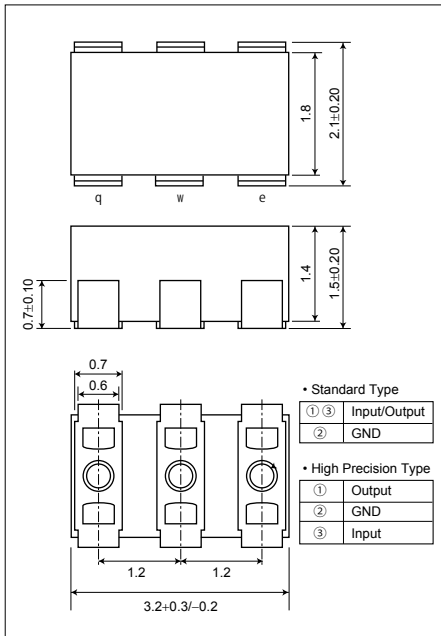
- ① Series
- ② Oscillating Frequency (MHz)
- ③ Type B: 3rd-Overtone Mode Built-in Capacitor
F: Fundamental Mode Built-in Capacitor
- ④ Packaging : Tape & Reel
2000pcs./Reel

Notice

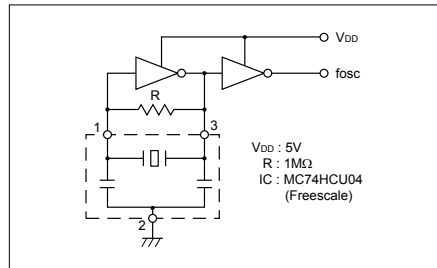
- Non Washable
- Operating Temperature -20°C to +80°C

Dimensions

(Unit : mm)



Test Circuit



Specifications

• Standard Type

	Frequency Range	Frequency Tolerance (25°C)	Temperature Stability (-20 to 80°C)	IC	Main Frequency (MHz)
B	16.0 to 60.0MHz (3rd-overtone)	±0.5%	±0.3%	MC74HCU04 (Freescale)	16.93, 20.0, 27.0, 33.86, 50.8
F	16.0 to 20.0MHz (Fundamental)				16.93

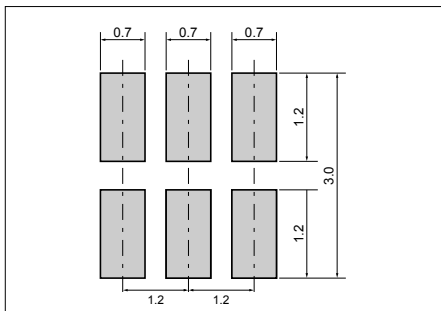
Please contact your local AVX office for IC matching.

• High Precision Type

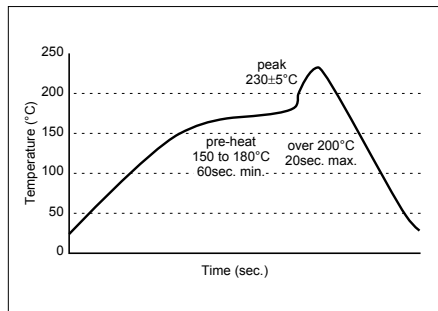
	Frequency Range	Frequency Tolerance (25°C)	Temperature Stability (-20 to 70°C)	Aging (10 years)	IC	Main Frequency (MHz)
B	16.0 to 60.0MHz (3rd-overtone)	±0.18% (Option ±0.08%)	±0.06%	±0.01%	MC74HCU04 (Freescale)	48.0

Recommended Land Pattern

(Unit : mm)



Recommended Reflow Profile



Packaging : Taping

(Unit : mm)

