

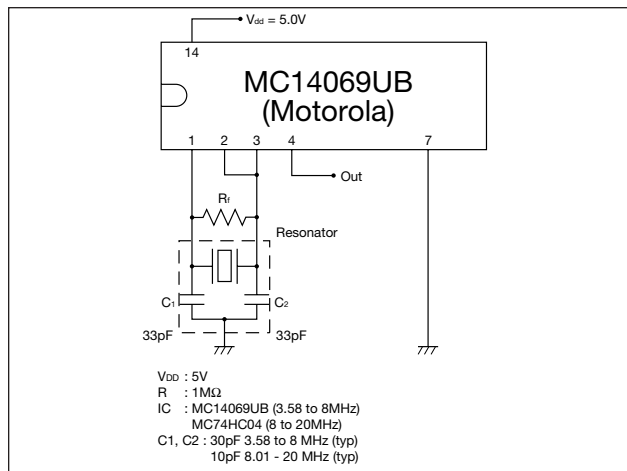


# MHz Band Ceramic Resonators

## (SMD) PBRC-H Series

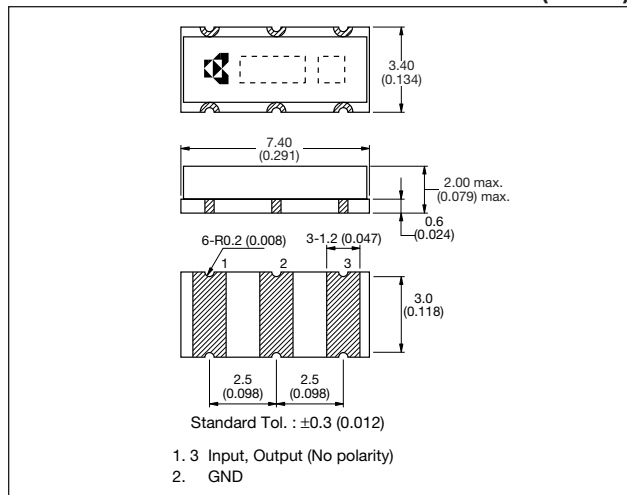


### TEST CIRCUIT



### DIMENSIONS

millimeters (inches)



### FEATURES

- Excellent frequency stability
- Low profile
- Reflow solderable
- Excellent solderability (Nickel barrier + Au flash termination)

### APPLICATIONS

- Car Accessories
- Cam-corders
- Digital Cameras
- PDAs
- PC Peripherals

### HOW TO ORDER

PBRC - 4.00 H R □

#### Tolerance

|    | 2.00 to 8.00 | 8.01 to 20.00    |
|----|--------------|------------------|
| □  | ±0.5%        | ±0.7% (Standard) |
| 03 | ±0.3%        | —                |
| 05 | —            | ±0.5%            |

#### Packaging

Tape and reel, 2,000 pcs/reel

#### H: Built-in Capacitor

#### Oscillating Frequency (MHz)

3.58 to 20.00MHz

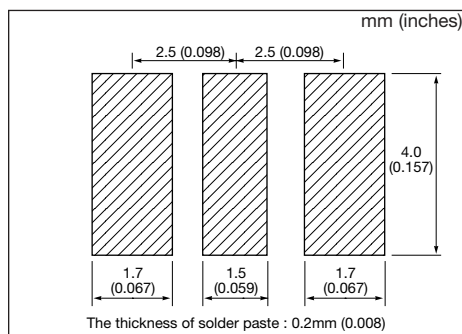
#### Series

Note: Please refer to IC Application Guide book for IC matching

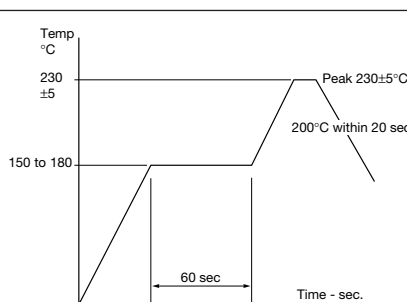
### SPECIFICATIONS

| Series | Frequency Range (MHz) | Tolerance (25°C)  | Temperature Stability | IC                 | Standard Frequencies         |
|--------|-----------------------|-------------------|-----------------------|--------------------|------------------------------|
| PBRC-H | 3.58 to 8.00          | ±0.5% (op. ±0.3%) | ±0.5% (-40 to 85°C)   | MOTOROLA MC74HC04  | 3.58, 4.00, 4.19, 6.00, 8.00 |
|        | 8.01 to 20.00         | ±0.7% (op. ±0.5%) | ±0.1% (-40 to 85°C)   | MOTOROLA MC14069UB | 10.0, 12.0, 16.0, 20.0       |

### Recommended Land Pattern



### Recommended Reflow Profile



### Packaging - Taping

