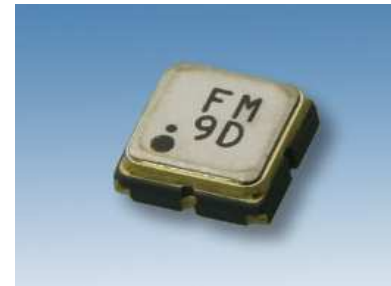


## WFB40C1747CD For Industrial

### ■ Features

- Band 3 Up link
- Compact. (Typ. 3.0×3.0mm)
- Moisture Sensitivity Level 1 (MSL1)
- Low insertion attenuation and excellent flatness
- External matching components required
- Meets the requirements for re-flow profiling using lead-free solder.



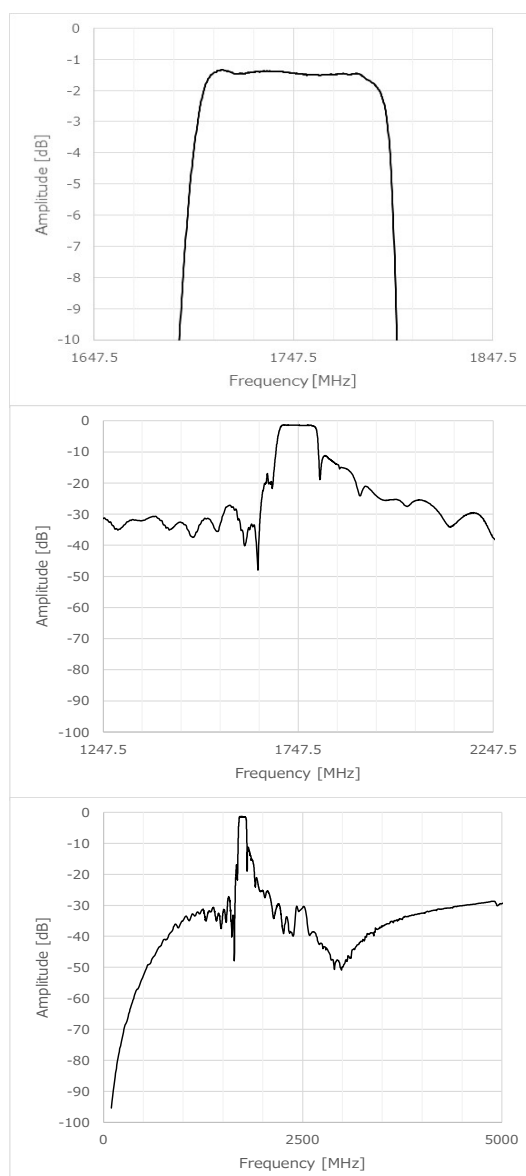
Pb free

RoHS Compliant  
Directive 2011/65/EU  
Directive (EU) 2015/863

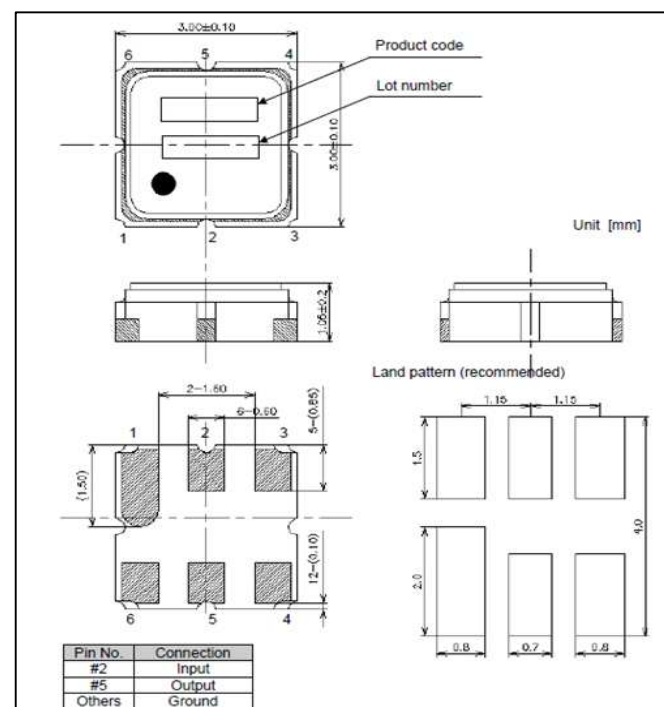
### ■ Specifications

|                                   |                 |                 |         |
|-----------------------------------|-----------------|-----------------|---------|
| Nominal Frequency (MHz)           |                 | 1747.5          |         |
| Pass band (MHz)                   |                 | 1710 ~ 1785     |         |
| Insertion loss (dB)               | 1710 ~ 1785 MHz | Max. 2.4        |         |
| Amplitude ripple (dB)             | 1710 ~ 1785 MHz | Max. 1.0        |         |
| VSWR                              | 1710 ~ 1785 MHz | Max. 2.2        |         |
| Attenuation / absolute value (dB) | 1               | 100 ~ 800 MHz   | Min. 30 |
|                                   | 2               | 800 ~ 1400 MHz  | Min. 25 |
|                                   | 3               | 1400 ~ 1600 MHz | Min. 20 |
|                                   | 4               | 1600 ~ 1678 MHz | Min. 12 |
|                                   | 5               | 1805 ~ 1880 MHz | Min. 5  |
|                                   | 6               | 1880 ~ 1960 MHz | Min. 10 |
|                                   | 7               | 1960 ~ 3000 MHz | Min. 20 |
|                                   | 8               | 3000 ~ 4000 MHz | Min. 25 |
| Operating Temp. Range             |                 | -30 ~ +85°C     |         |

### ■ Characteristics



### ■ Dimensions



### ■ Matching Circuit

