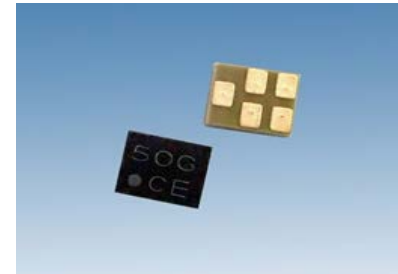


## WFJ19A2441UD For Automotive

### ■ Features

- 2.4GHz band SAW Filter for Automotive BLE.
- Ultra compact and thin. (1.4×1.1×0.6mm)
- Support a wide operating temperature range (-40°C to +105°C).
- A filter with low insertion attenuation.
- Meets the requirements for re-flow profiling using lead-free solder.
- Conforms to AEC-Q200.



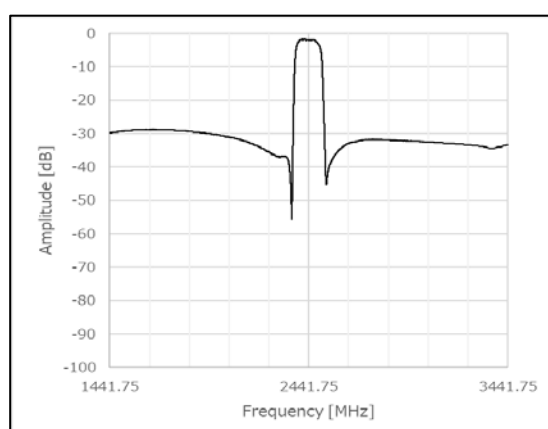
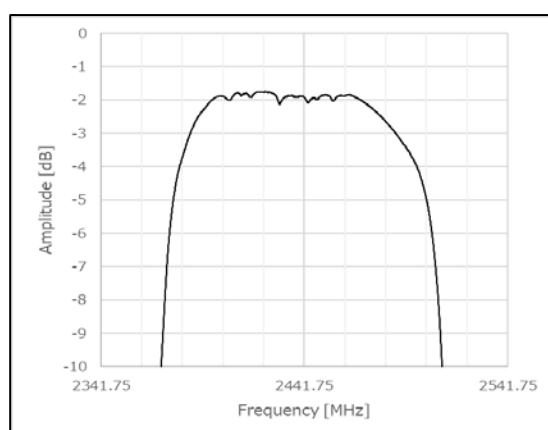
Pb free

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

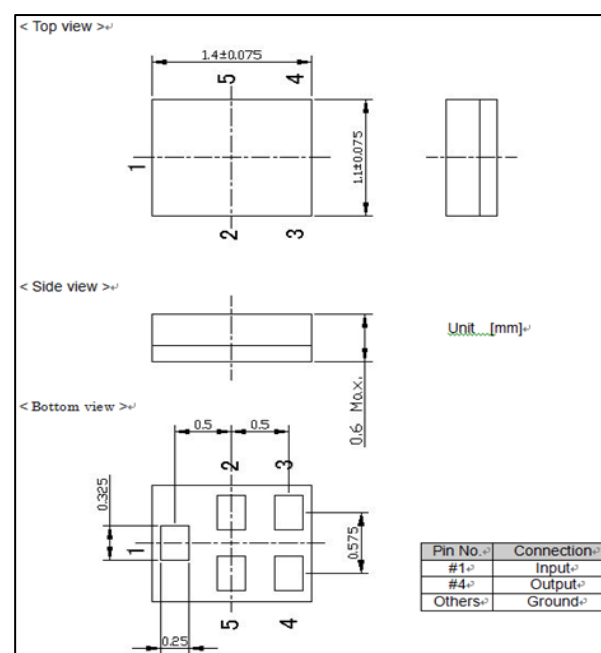
### ■ Specifications

Nominal Frequency (MHz)		2441.75
Insertion loss (dB)	2400 ~ 2483.5 MHz	4.5 Max
Amplitude ripple	2400 ~ 2483.5 MHz	3.0 Max
VSWR	2400 ~ 2483.5 MHz	2.2 Max
Attenuation / absolute value (dB)	1 40 ~ 1000 MHz	33 Min
	2 1000 ~ 2300 MHz	25 Min
	3 2300 ~ 2330 MHz	30 Min
	4 2330 ~ 2350 MHz	30 Min
	5 2600 ~ 4000 MHz	30 Min
	6 4000 ~ 5000 MHz	26 Min
Operating Temp. Range		-40 to +105°C
Matching Circuit		Lp1:4.3nH, Lp2:4.7nH

### ■ Characteristics



### ■ Dimensions



### ■ Matching Circuit

