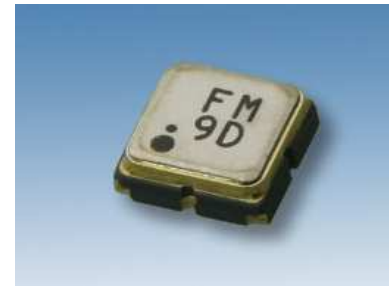


## WFA27J0869CH For Industrial

### ■ Features

- 869 MHz SAW filter for Short Range Device
- Compact. (Typ. 3.0×3.0mm)
- Moisture Sensitivity Level 1 (MSL1)
- Excellent low insertion attenuation
- No external matching components required for operation at 50Ω
- Meets the requirements for re-flow profiling using lead-free solder.



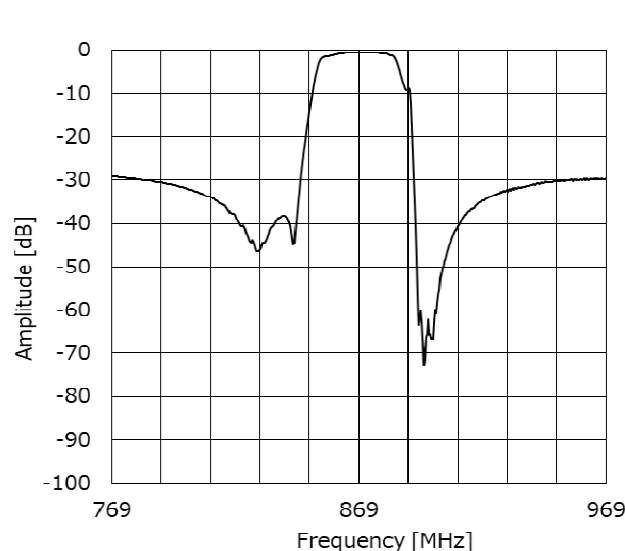
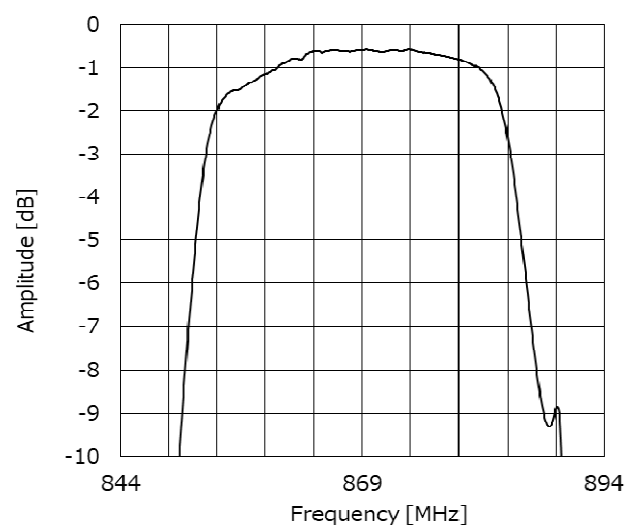
Pb free

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

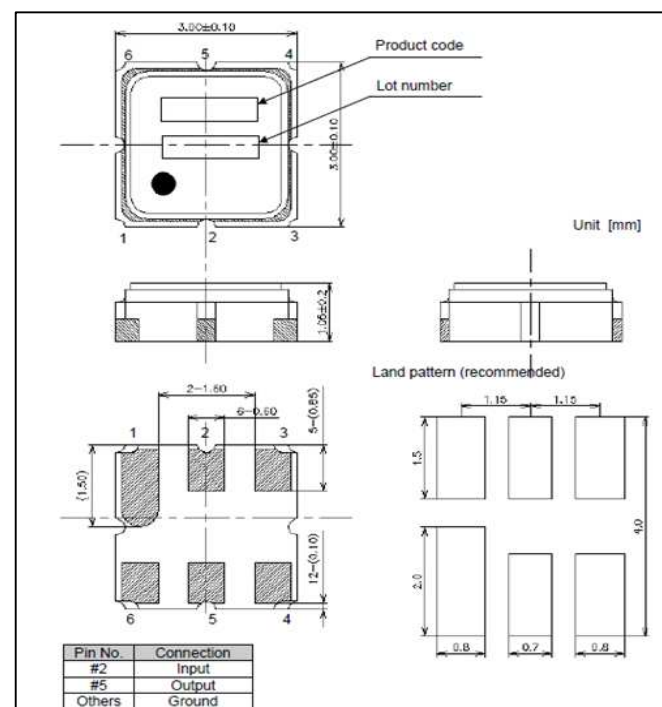
### ■ Specifications

Nominal Frequency (MHz)		869
Pass band (MHz)		868 ~ 870
Insertion loss (dB)		868 ~ 870 MHz Max. 1.1
Amplitude ripple (dB)		868 ~ 870 MHz Max. 0.7
Attenuation / absolute value (dB)	1	40 ~ 780 MHz Min. 22
	2	780 ~ 810 MHz Min. 25
	3	810 ~ 830 MHz Min. 30
	4	902 ~ 1820 MHz Min. 25
	5	1820 ~ 2600 MHz Min. 20
Operating Temp. Range		- 40 to + 85°C

### ■ Characteristics



### ■ Dimensions



### ■ Matching Circuit

