

## WFA27C0869CH For Industrial

### Features

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



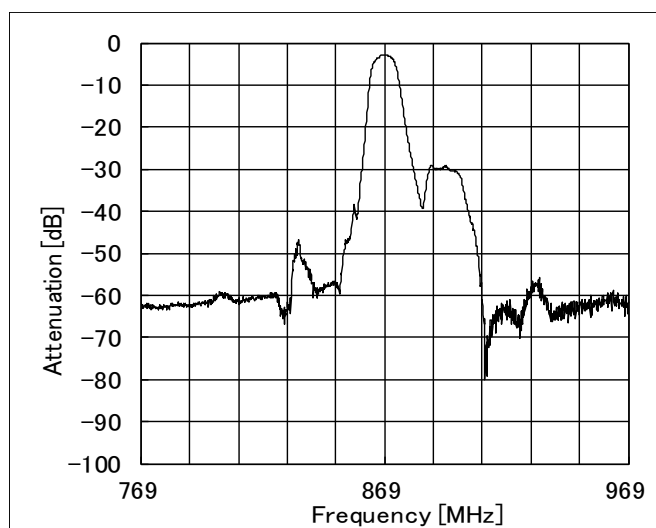
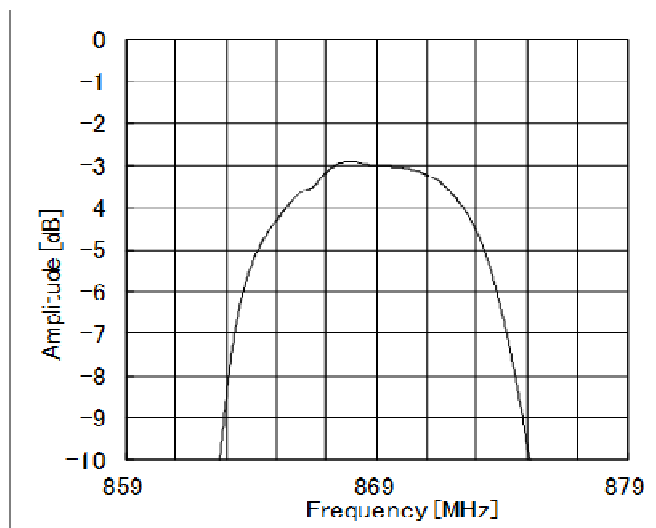
Pb free

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

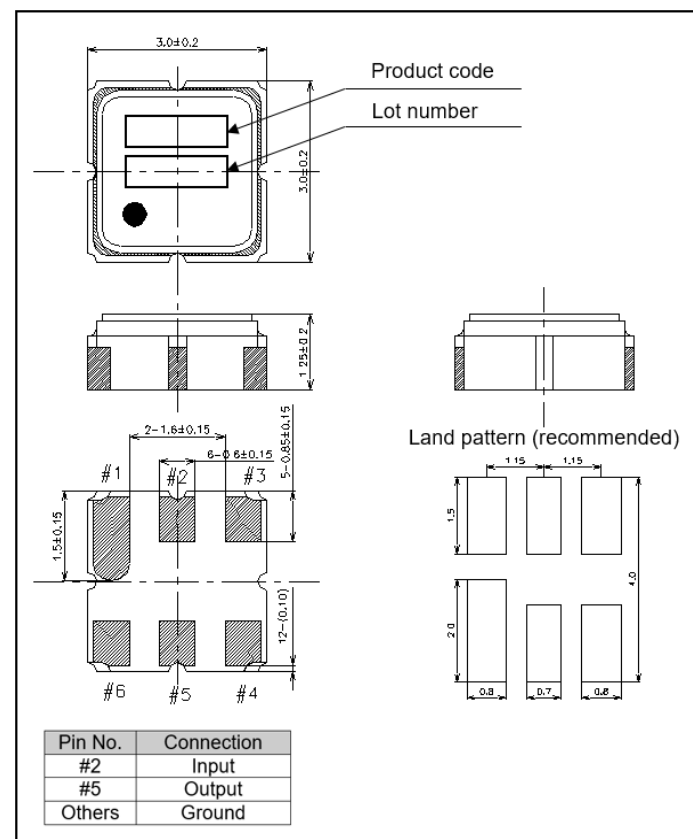
### Specifications

Nominal Frequency (MHz)	869		
Pass band (MHz)	868 ~ 870		
Insertion loss (dB)	868 ~ 870 MHz	Max. 3.9	
Amplitude ripple (dB)	868 ~ 870 MHz	Max. 1.5	
Attenuation / absolute value (dB)	1	300 ~ 850 MHz	Min. 40
	2	850 ~ 856.5 MHz	Min. 30
	3	856.5 ~ 859.5 MHz	Min. 10
	4	878 ~ 883.5 MHz	Min. 6
	5	883.5 ~ 915 MHz	Min. 23
	6	915 ~ 1050 MHz	Min. 50
Operating Temp. Range	- 40 to + 85°C		

### Characteristics



### Dimensions



### Matching Circuit

