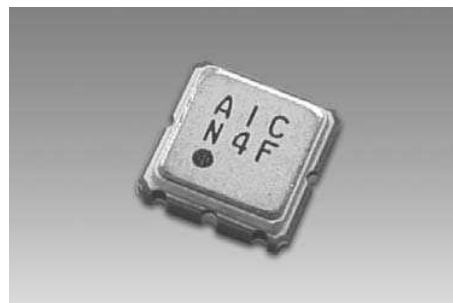


## SAW Filter for Wireless Communication

For Industrial Use

### ■ Features

- A low-loss filter.
- Compact and light.



Pb Free

RoHS Compliant  
Directive 2002/95/EC

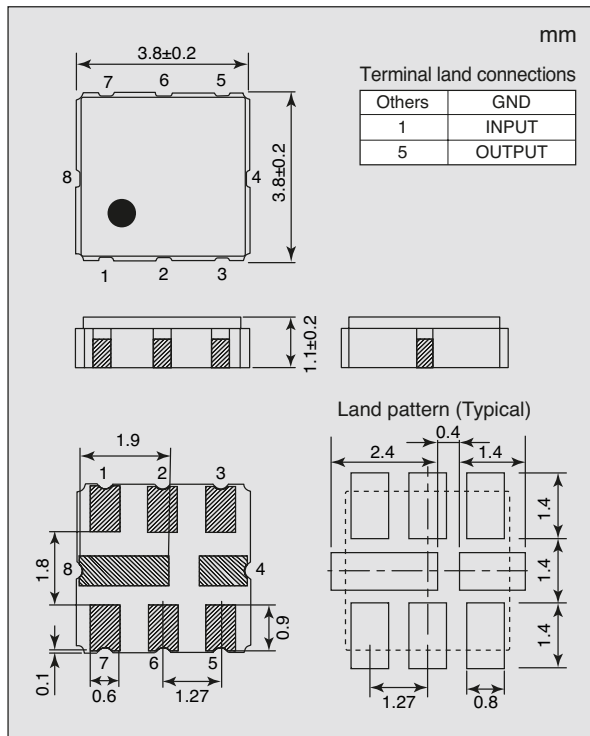
### ■ Specifications

Model	WF790A0335CE			
Item	min.	typ.	max.	
Nominal frequency : f <sub>0</sub> (MHz)	–	335	–	
Nominal insertion loss (dB)	–	2.7	5	
3-dB passband width (MHz)	±2.5	±4.3	–	
Pass-band ripple (dB) f <sub>0</sub> ±1.92 MHz	–	0.3	1	
Absolute delay time (ns) f <sub>0</sub> ±1.92 MHz	115	130	155	
Group delay deviation (ns) f <sub>0</sub> ±1.92 MHz	–	36	100	
Guaranteed attenuation (dB) (from the minimal insertion loss)	f <sub>0</sub> –15 MHz	30	52	–
	f <sub>0</sub> –10 MHz	25	48	–
	f <sub>0</sub> –8 MHz	15	29	–
	f <sub>0</sub> +8 MHz	15	22	–
	f <sub>0</sub> +10 MHz	25	32	–
	f <sub>0</sub> +15 MHz	30	41	–
Operating temperature range (°C)	–20 to +80			
Terminating impedance (Ω)	50 (with matching)			

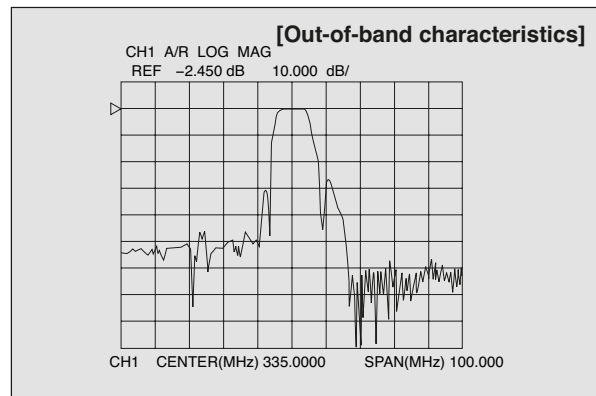
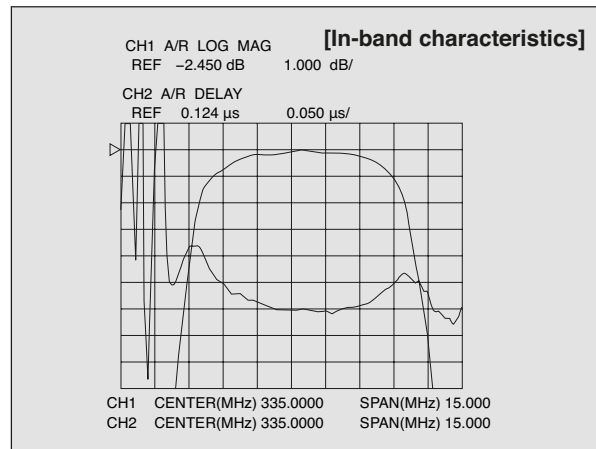
## SAW Filter for Wireless Communication

For Industrial Use

### ■ Dimensions



### ■ Characteristics



### ■ Matching Circuit

