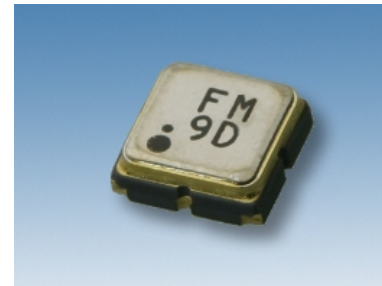


WFC68W0315CH For Automotive

■ Features

- 315MHz band SAW Filter for Automotive RKE/TPMS.
- Compact. (Typ. 3.0x3.0mm)
- Support a wide operating temperature range(-45°C to +105°C).
- Excellent shock resistance.
- A filter with low insertion attenuation.
- Meets the requirements for re-flow profiling using lead-free solder.
- Conforms to AEC-Q200.



Pb free

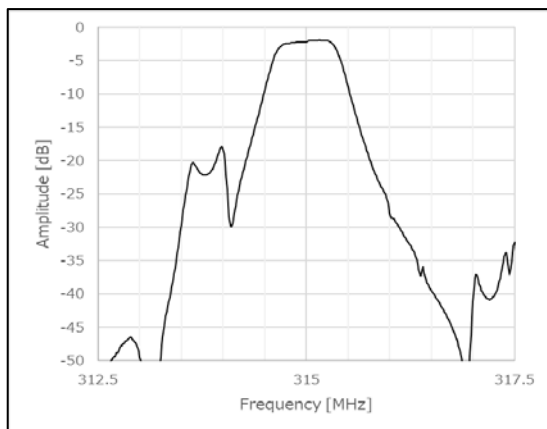
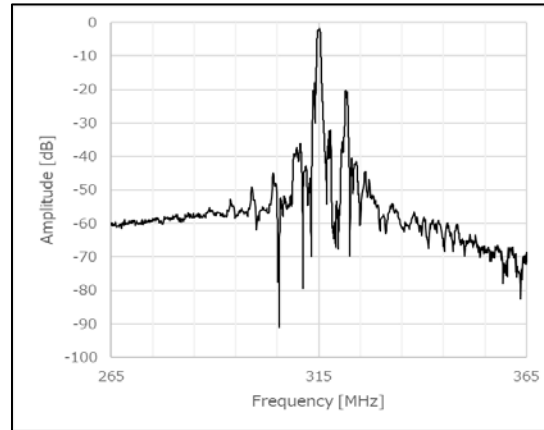
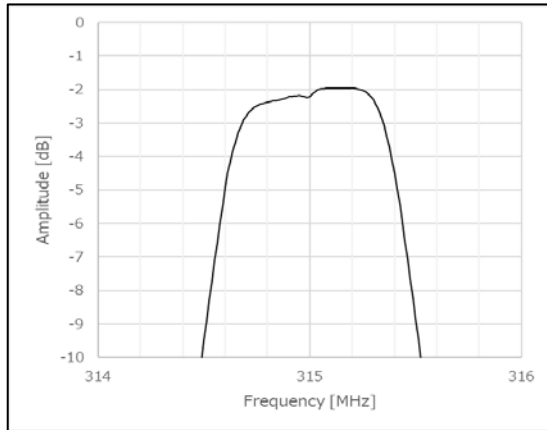
RoHS Compliant
Directive 2011/65/EU
Directive (EU) 2015/863

■ Specifications

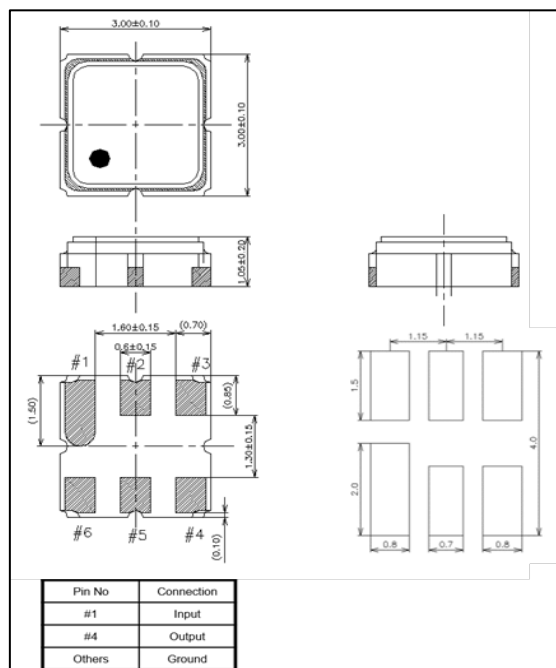
Nominal Frequency (MHz)		315	
Pass band (MHz)		314.82 ~ 315.18	
Minimum insertion loss (dB)		3.1 Max	
Ripple (dB)		3.0 Max	
Attenuation / relative to IL	1	10 ~ 280 MHz	50 Min
	2	280 ~ 295 MHz	45 Min
	3	295 ~ 308 MHz	38 Min
	4	308 ~ 312.8 MHz	25 Min
	5	312.8 ~ 313.2 MHz	33 Min
	6	313.2 ~ 314.1 MHz	12 Min
	7	315.9 ~ 316.5 MHz	16 Min
	8	316.5 ~ 320 MHz	20 Min
	9	320 ~ 325 MHz	13 Min
	10	325 ~ 335 MHz	36 Min
	11	335 ~ 380 MHz	43 Min
	12	380 ~ 600 MHz	50 Min
	13	600 ~ 1500 MHz	60 Min
	14	1500 ~ 2500 MHz	50 Min
Operating Temp. Range		-40 to +105°C	

WFC68W0315CH For Automotive

Characteristics



Dimensions



Matching Circuit

