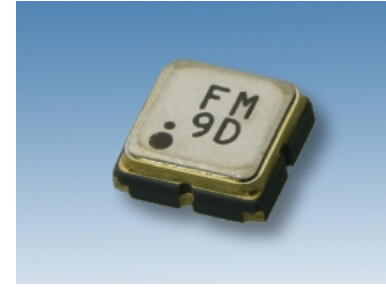


WFG63D0315CG For Automotive

■ Features

- 315MHz band SAW Filter for Automotive RKE/TPMS.
- Compact. (Typ. 3.0×3.0mm)
- 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.



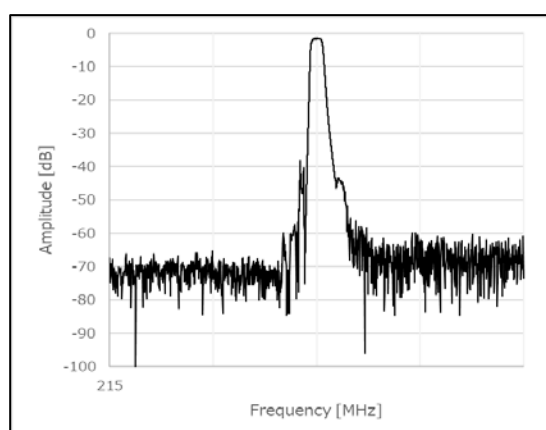
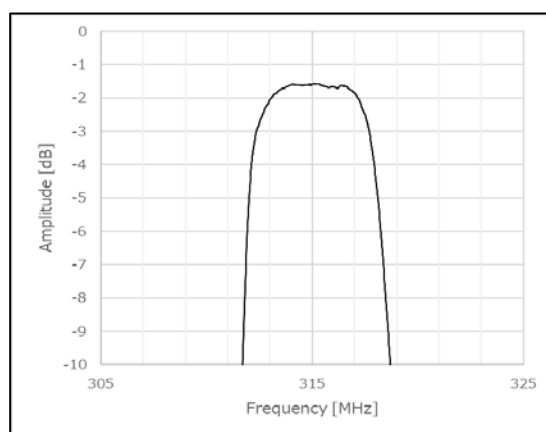
Pb free

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

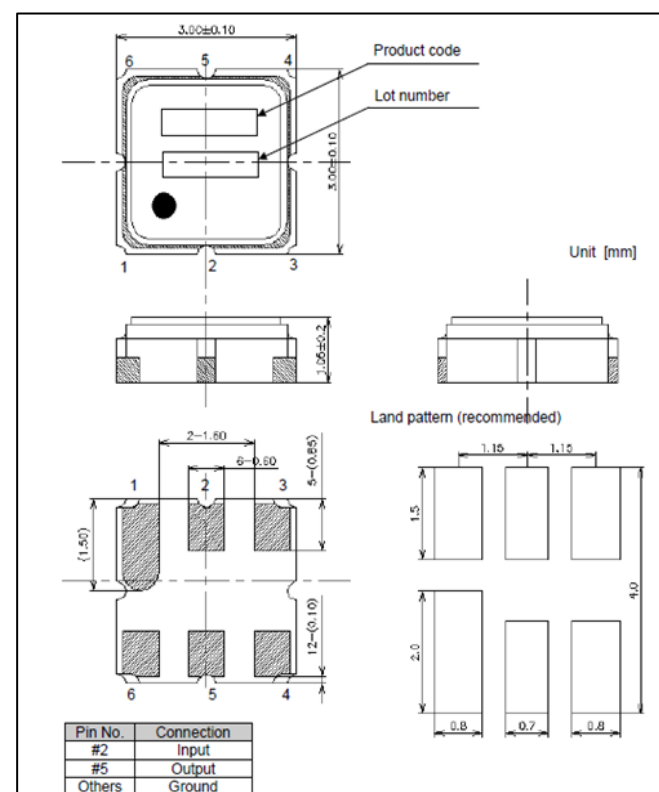
■ Specifications

Nominal Frequency (MHz)	315	
Pass band (MHz)	314.5 ~ 315.5	
Insertion loss (dB)	314.5 ~ 315.5 MHz	2.0 Max
Ripple (dB)	314.5 ~ 315.5 MHz	1.2 Max
VSWR	314.5 ~ 315.5 MHz	2.3 Max
Attenuation / relative to IL	1 10 ~ 295 MHz	50 Min
	2 295 ~ 303 MHz	35 Min
	3 303 ~ 307 MHz	25 Min
	4 325 ~ 333 MHz	25 Min
	5 333 ~ 345 MHz	35 Min
	6 345 ~ 1000 MHz	40 Min
	7 1000 ~ 1500 MHz	35 Min
	8 1500 ~ 2000 MHz	30 Min
	9 2000 ~ 2500 MHz	26 Min
Operating Temp. Range	-40 to +105°C	

■ Characteristics



■ Dimensions



■ Matching Circuit

