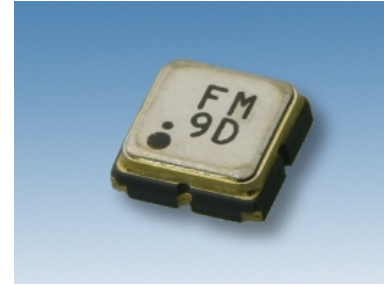


WFG99C0433CG For Automotive

■ Features

- 433.92MHz 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

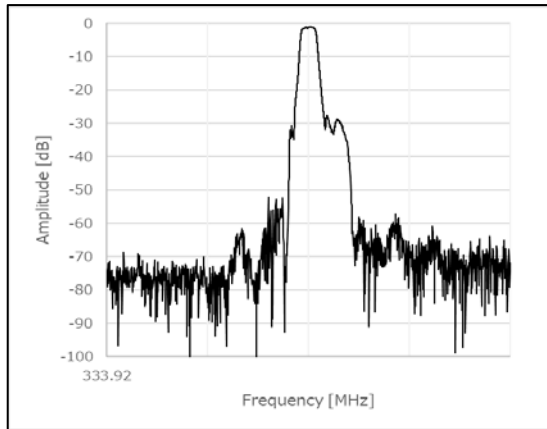
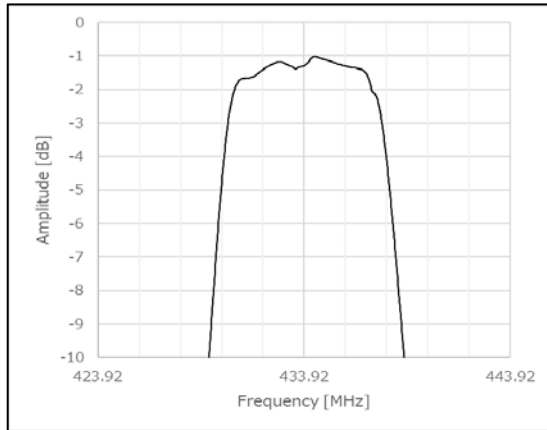
RoHS Compliant
Directive 2011/65/EU
Directive (EU) 2015/863

■ Specifications

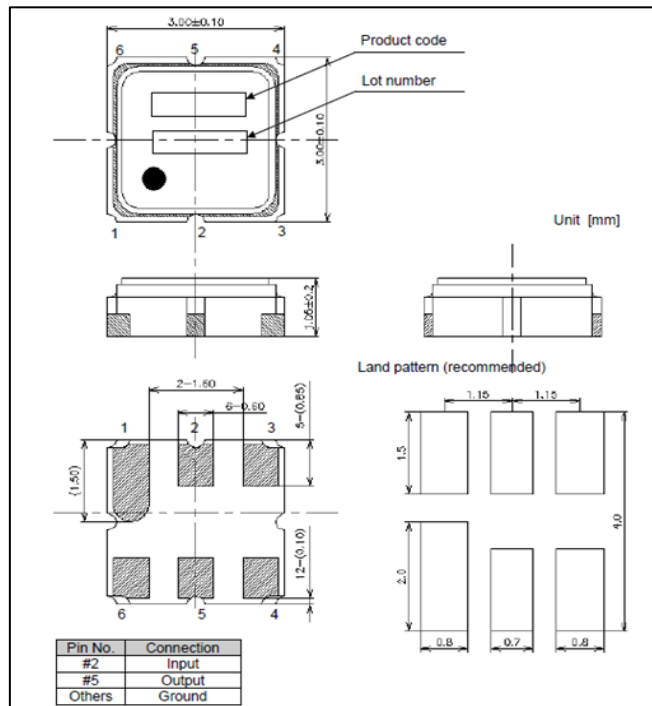
Nominal Frequency (MHz)	433.92	
Pass band (MHz)	433 ~ 434.71	
Insertion loss1 (dB)	433 ~ 434.71 MHz	2.7 Max
Insertion loss2 (dB)	433.72 ~ 434.12 MHz	2.1 Max
Ripple1 (dB)	433 ~ 434.71 MHz	1.4 Max
Ripple2 (dB)	433.72 ~ 434.12 MHz	0.7 Max
VSWR1	433 ~ 434.71 MHz	2.0 Max
VSWR2	433.72 ~ 434.12 MHz	1.9 Max
Attenuation / relative to IL	1 10 ~ 380 MHz	55 Min
	2 380 ~ 413.5 MHz	45 Min
	3 413.5 ~ 424 MHz	23 Min
	4 443.75 ~ 454 MHz	20 Min
	5 454 ~ 460 MHz	28 Min
	6 460 ~ 470 MHz	40 Min
	7 470 ~ 650 MHz	48 Min
	8 650 ~ 1000 MHz	40 Min
	9 1000 ~ 1500 MHz	35 Min
	10 1500 ~ 2000 MHz	30 Min
	11 2000 ~ 2500 MHz	26 Min
Operating Temp. Range	-40 to +105°C	

WFL46B1583CD For Automotive

■ Characteristics



■ Dimensions



■ Matching Circuit

