

WFC68K0433CJ

For Automotive

■ Features

- SAW Filter for Remote Keyless Entry System(433MHz).
- Compact. (3.0×3.0mm)
- Support a wide operating temperature range(-40°C to + 95°C).
- Excellent shock resistance.
- A filter with low insertion loss.
- Meets the requirements for re-flow profiling using lead-free solder.
- Conforms to AEC-Q200.

Pb
Free

RoHS Compliant
Directive 2011/65/EU



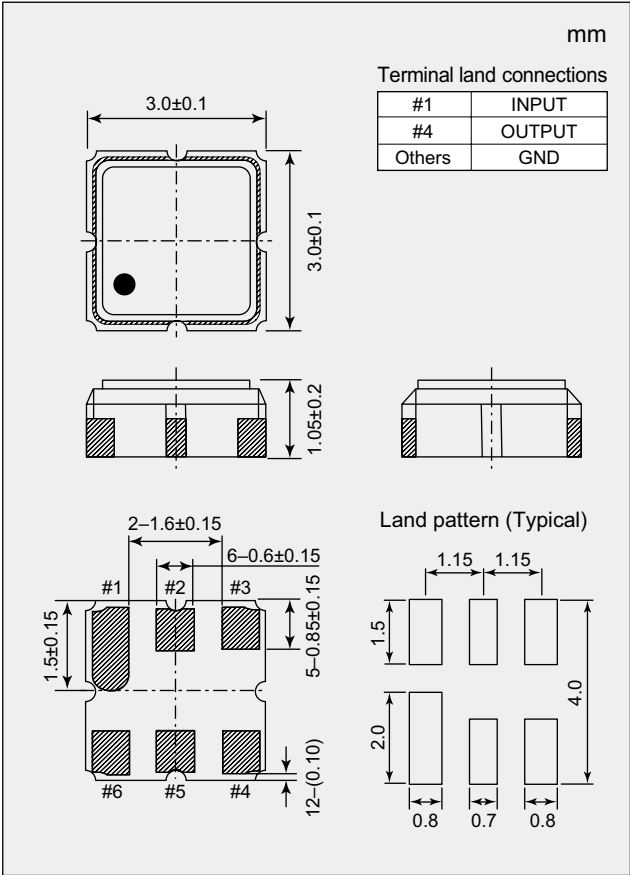
■ Specifications

Model		WFC68K0433CJ		
Item		Min.	Typ.	Max.
Nominal Frequency (MHz)		-	433.92	-
Minimum Insertion Attenuation (dB)		-	2.4	2.9
Pass Band Ripple (dB) (433.75 to 434.09MHz)		-	0.8	3.0
Guaranteed Attenuation (dB) (Relative Minimum Insertion Attenuation)	10 to 380MHz	55	60	-
	380 to 414MHz	50	55	-
	414 to 427MHz	46	52	-
	427 to 431.52MHz	24	32	-
	431.52 to 432.9Hz	15	23	-
	432.9 to 433.1MHz	13	18	-
	435.1 to 444.5MHz	17	22	-
	444.5 to 450MHz	40	48	-
	450 to 810MHz	47	52	-
	810 to 1500MHz	60	65	-
	1500 to 2500MHz	50	60	-
Operating Temperature Range (°C)		-40 to +95		
Terminating Impedance (Ω)		50 (with matching)		

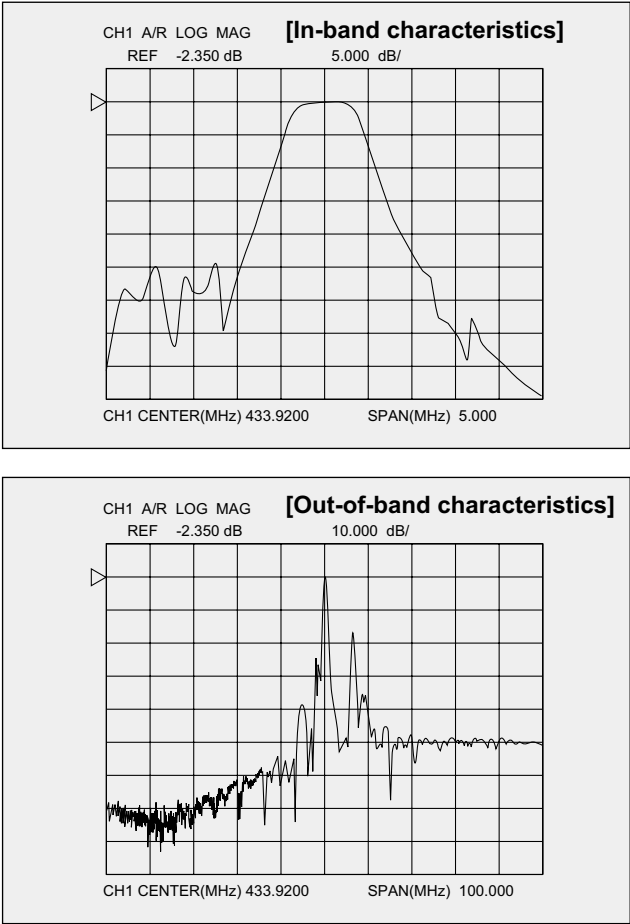
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■ Dimensions



■ Characteristics



■ Matching Circuit

