

SAW Device

NEW

WFC68K0433CJ

For Automotive

■ Features

SAW Filter for Remote Keyless Entry System(433MHz).

- Compact and thin. (Typ. 3.0×3.0×1.05mm)
- 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
FreeRoHS 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 Loss)	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)		

When ordering or inquiring for SAW devices, please let us know the model.

Please contact NDK sales with your enquiries.

Please feel free to contact us with questions about other specifications.

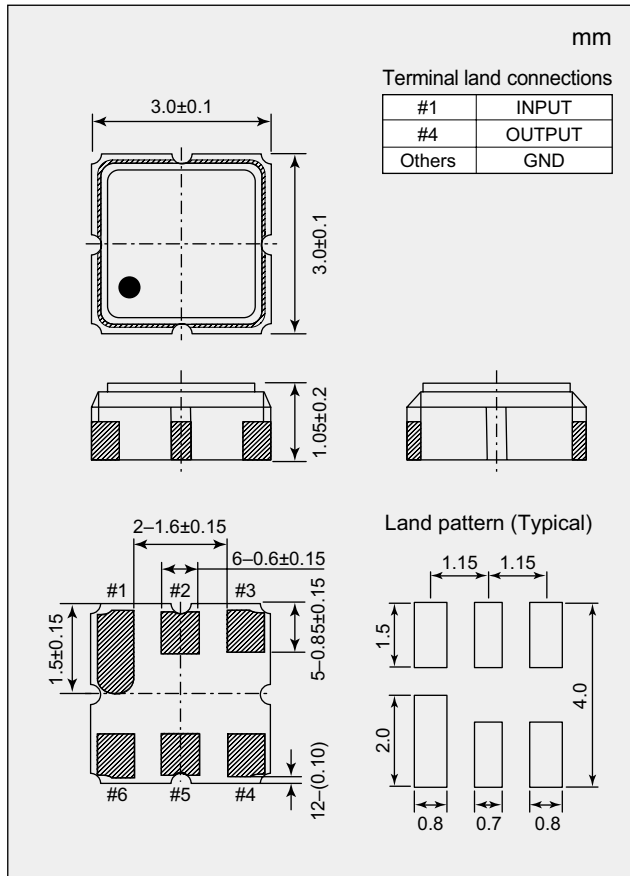
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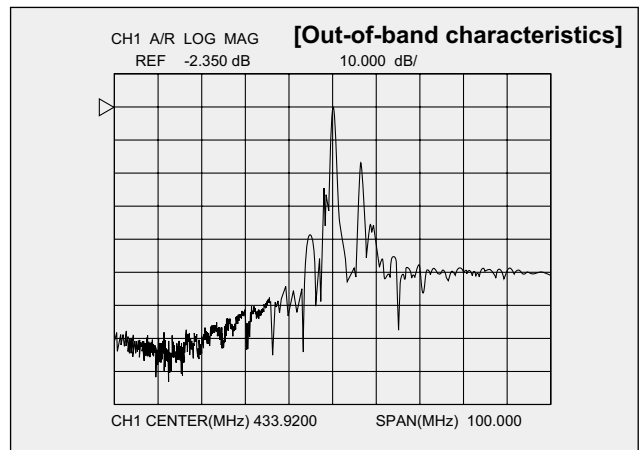
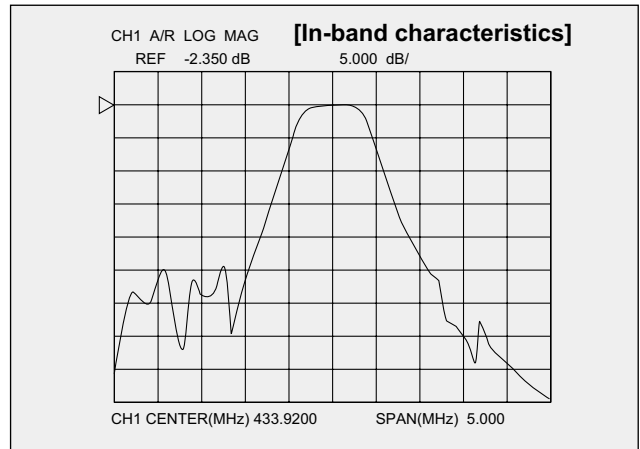
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■ Dimensions



■ Characteristics



■ Matching Circuit

