

SAW Device

NEW



WFC68D0315CH

For Automotive

■ Features

SAW Filter for Remote Keyless Entry System(315MHz).

- Compact and thin.
- Support a wide operating temperature range(-45°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	WFC68D0315CH			
Item	Min.	Typ.	Max.	
Nominal Frequency (MHz)	-	315	-	
Minimum Insertion Attenuation (dB)	-	2.4	2.9	
Pass Band (314.82 to 315.18MHz) (ns)	-	0.8	3.0	
Guaranteed Attenuation (dB) (Relative Minimum Insertion Loss)	10 to 280MHz	50	55	-
	280 to 295MHz	45	50	-
	295 to 308MHz	40	46	-
	308 to 312.8MHz	25	34	-
	312.8 to 313.2MHz	33	37	-
	313.2 to 314.1MHz	16	20	-
	315.9 to 316.5MHz	16	20	-
	316.5 to 320MHz	20	25	-
	320 to 325MHz	13	18	-
	325 to 335MHz	36	44	-
	335 to 380MHz	43	52	-
380 to 600MHz	50	60	-	
600 to 1500MHz	60	65	-	
1500 to 2500MHz	50	55	-	
Operating Temperature Range (°C)	-45 to +95			
Terminating Impedance (Ω // pF)	IN : 690//2.5 OUT : 800//2.1			

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

Please contact NDK sales with your enquiries.

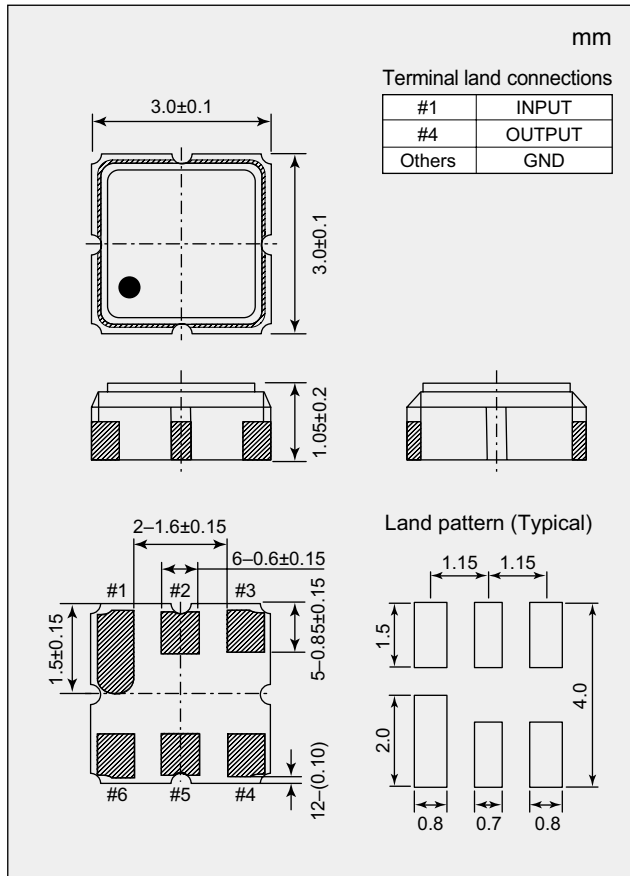
Please feel free to contact us with questions about other specifications.

SAW Device

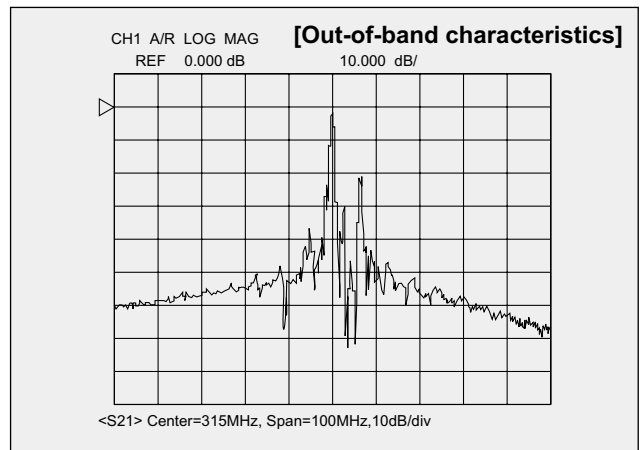
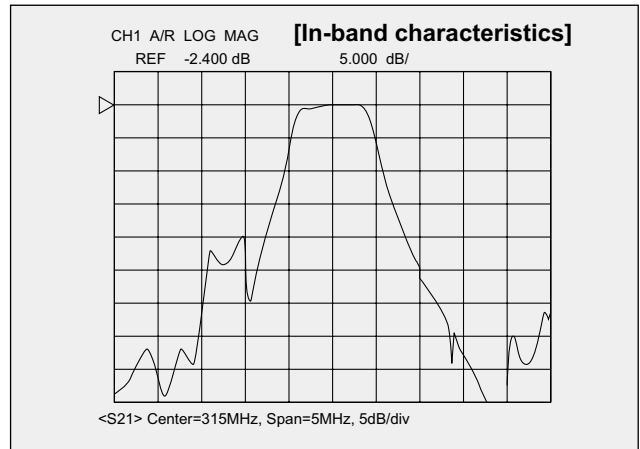
WFC68D0315CH

For Automotive

■ Dimensions



■ Characteristics



■ Matching Circuit

