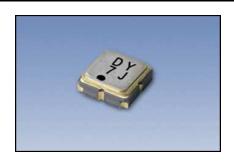
SAW Device

NDK SAW Devices

WFB17H0815CE For Industrial

Features

- 801.5 MHz and 815 MHz 2 in 1 SAW Filter for land mobile.
- Compact. (Typ. 3.0×3.0mm)
- Moisture Sensitivity Level 1 (MSL1)
- Deep attenuation
- No external matching components required for operation at 50Ω
 Meets the requirements for re-flow profiling using lead-free solder.



Pb free

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

■ Specifications

Nominal Fraguency 1 (MHz)			801.5
Nominal Frequency 1 (MHz)			
Pass band 1 (MHz)			794 ~ 809
Insertion loss (dB)		794 ~ 809 MHz	Max. 3.4
Attenuation / absolute value (dB)	1	100 ~ 750 MHz	Min. 40
	2	786 MHz	Min. 15
	3	880 ~ 1500 MHz	Min. 40
Nominal Frequency 2 (MHz)			815
Pass band 2 (MHz)			805 ~ 825
Insertion loss (dB)		805 ~ 825 MHz	Max. 2.7
Attenuation / absolute value (dB)	1	600 ~ 700 MHz	Min. 45
	2	757 ~ 789 MHz	Min. 30
	3	850 ~ 872 MHz	Min. 20
Operating Temp. Range			- 30 to + 70 °C

NDK SAW devices Co.,Ltd

SAW Device

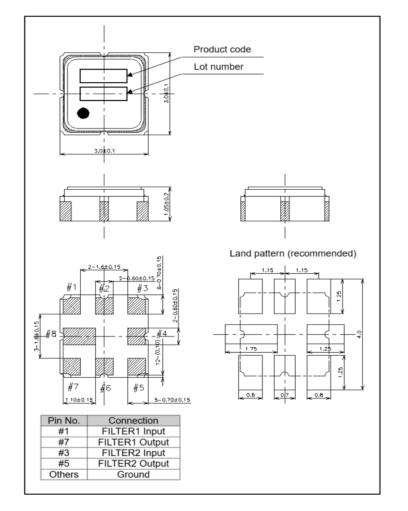
NDK SAW Devices

For Automotive

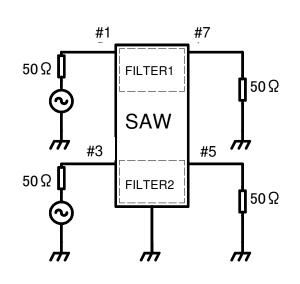
■ Characteristics 0 0 -1 -10 -2 -20 -3 -30 Amplitude [dB] Amplitude [dB] -4 -40 -5 -50 **-**6 -60 -7 -70 8 -80 -9 -90 -10 -100 751.5 801.5 851.5 701.5 801.5 901.5 Frequency [MHz] Frequency [MHz] 0 0 -10 -1 -2 -20 -3 -30 Amplitude [dB] Amplitude [dB] -⁄1 -⁄10 -5 -50 -6 -60 -7 -70 -8 -80 -9 -90 -100 -10 765 815 865 715 815 915 Frequency [MHz] Frequency [MHz]

WFB17H0815CE

Dimensions



■Matching Circuit



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