

## SAW Filter for WiMAX Base Station For Industrial Use

### ■ Features

- A filter with low insertion loss.
- Excellent guaranteed attenuation.

Pb Free

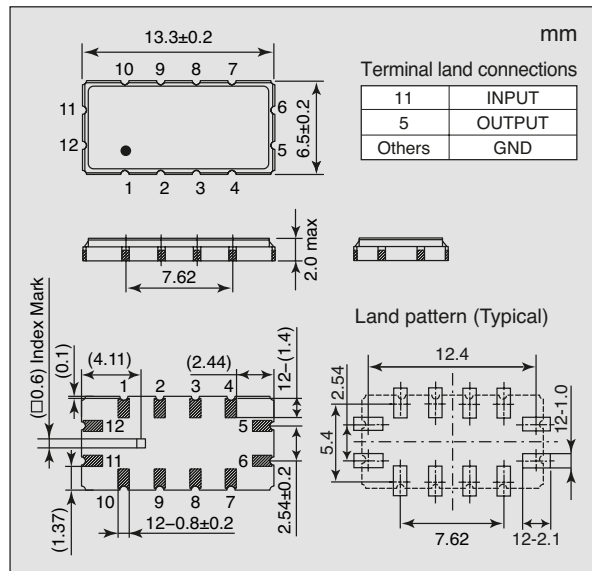
RoHS Compliant  
Directive 2002/95/EC



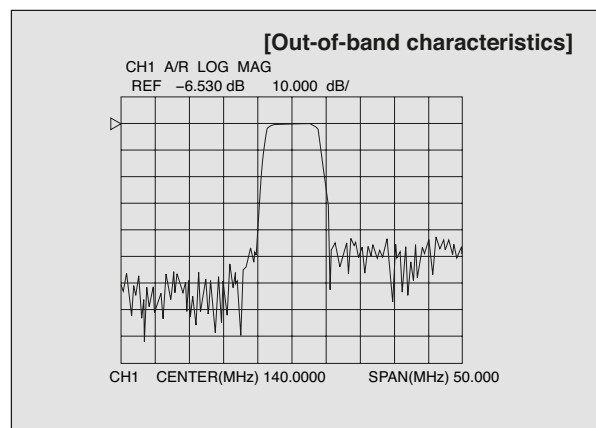
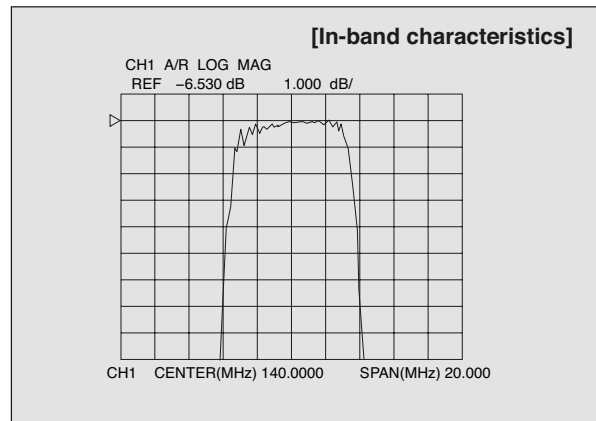
### ■ Specifications

Model	WFA47B0140CD		
Item	min.	typ.	max.
Nominal frequency : f <sub>0</sub> (MHz)	-	140	-
Minimal insertion loss (dB)	-	6.50	7.5
1-dB passband width (MHz)	5.8	6.0	-
3-dB passband width (MHz)	6.85	7.15	-
Pass-band ripple (dB)	f <sub>0</sub> ±2.4 MHz		
Guaranteed attenuation (dB) (from the minimal insertion loss)	f <sub>0</sub> -10 MHz to f <sub>0</sub> -6 MHz	40	-
	f <sub>0</sub> +6 MHz to f <sub>0</sub> +10 MHz	40	-
Operating temperature range (°C)	+23 to +27		
Terminating impedance (Ω)	50		

### ■ Dimensions



### ■ Characteristics



### ■ Matching Circuit

