

WFA47A0140CE

For Fixed Communication

■ Features

- IF SAW filter for WiMAX base station.
- A filter with low insertion loss.
- Excellent guaranteed attenuation.

Pb
Free

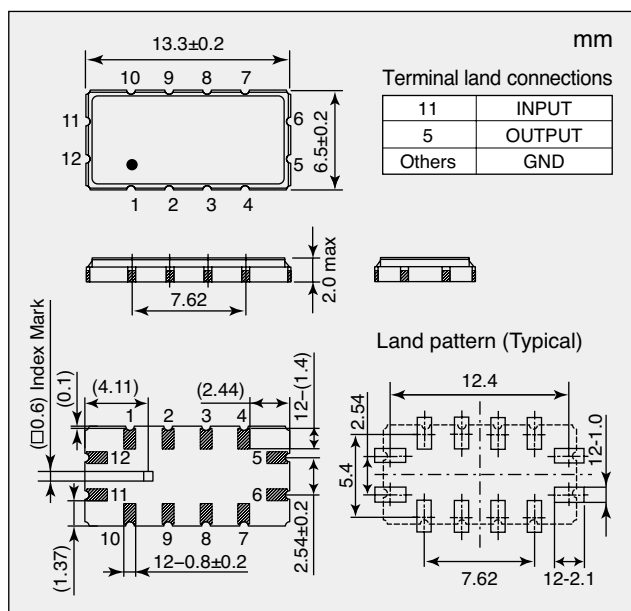
RoHS Compliant
Directive 2011/65/EU



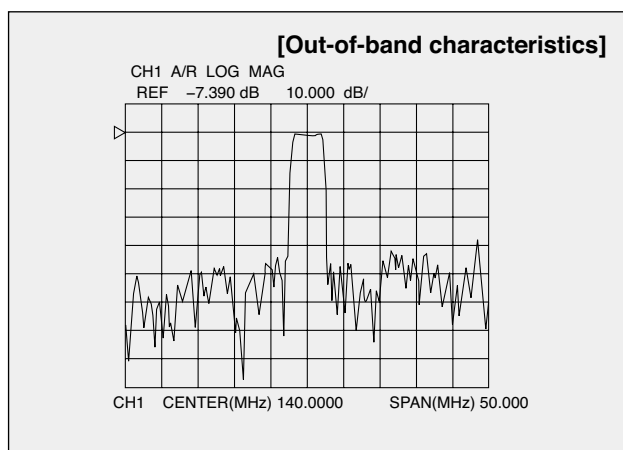
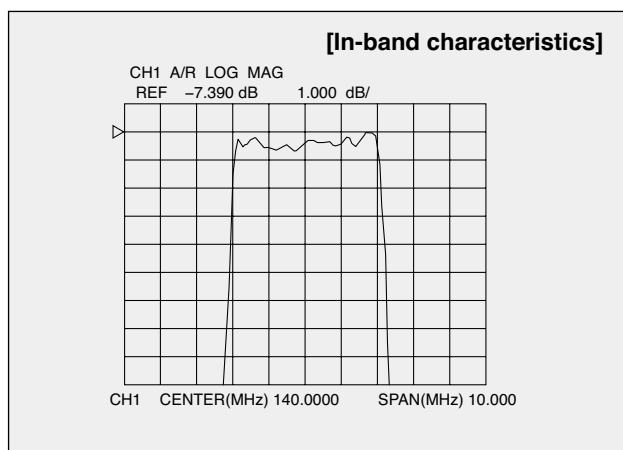
■ Specifications

Model		WFA47A0140CE		
Item		min.	typ.	max.
Nominal frequency : f ₀ (MHz)		–	140	–
Minimum insertion loss (dB)		–	7.5	11
1-dB passband width (MHz)		3.125	4.0	–
Pass-band ripple (dB)	f ₀ ±1.5625 MHz	–	0.65	1.0
Guaranteed attenuation (dB) (from the Minimum insertion loss)	f ₀ –10 MHz to f ₀ –3.5 MHz	40	42.0	–
	f ₀ +3.5 MHz to f ₀ +10 MHz	40	45.0	–
Operating temperature range (°C)		–10 to +60		
Terminating impedance (Ω)		50		

■ Dimensions



■ Characteristics



■ Matching Circuit

