

WFA07B0070CE

For Short-range Wireless

■ Features

- SAW filter for land mobile radio system.
- Excellent guaranteed attenuation.
- With a low-band ripple.
- A low-loss filter.

Pb
Free

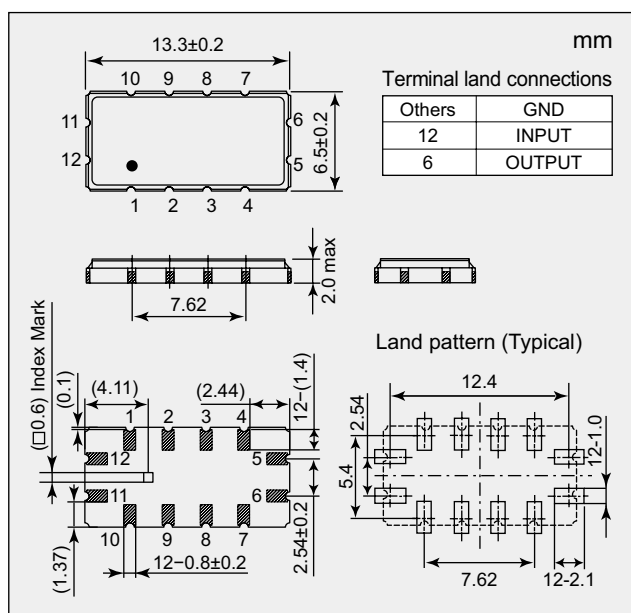
RoHS Compliant
Directive 2011/65/EU



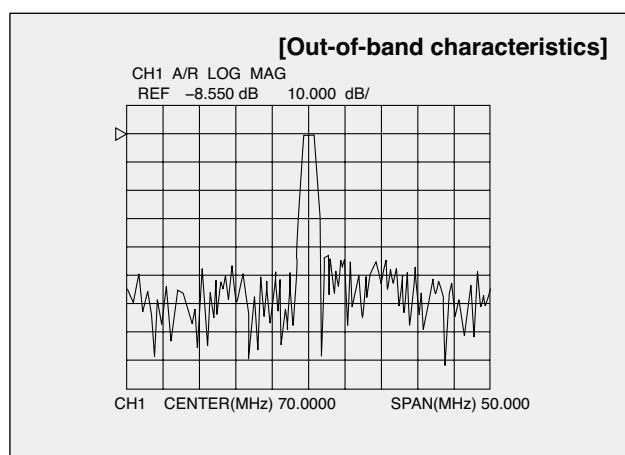
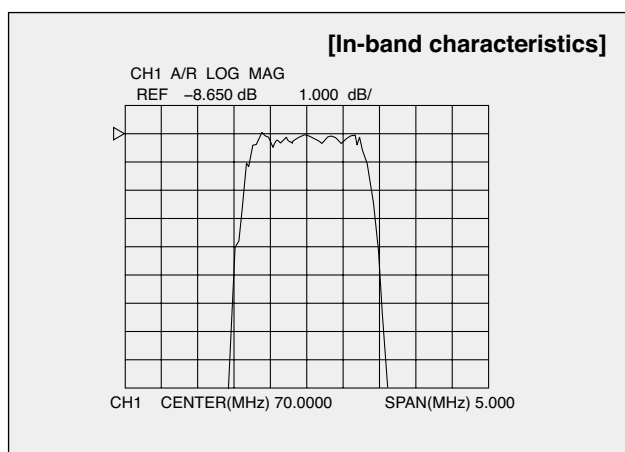
■ Specifications

Model	WFA07B0070CE		
Item	min.	typ.	max.
Nominal frequency : f ₀ (MHz)	–	70	–
Minimum insertion loss (dB)	–	8.70	10.0
1-dB passband width (MHz)	0.8	1.60	–
3-dB passband width (MHz)	1.2	1.85	–
Pass-band ripple (dB)	f ₀ ±0.4 MHz	–	0.40
Group delay distortion (μs)	f ₀ ±0.4 MHz	–	0.12
Guaranteed attenuation (dB) (from the Minimum insertion loss)	f ₀ –50 MHz to f ₀ –1.85 MHz	40	–
	f ₀ +1.85 MHz to f ₀ +50 MHz	40	–
Operating temperature range (°C)	–40 to +85		
Terminating impedance (Ω)	50		

■ Dimensions



■ Characteristics



■ Matching Circuit

