

WF748D0140CD

For Fixed Communication

■ Features

- IF SAW filter for base station.
- A low-loss filter.
- Compact. (7.0×5.0mm)
- Excellent guaranteed attenuation.

Pb
Free

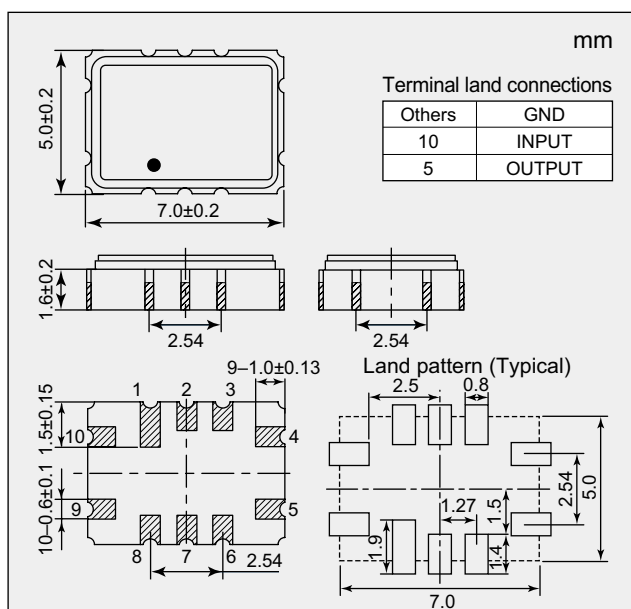
RoHS Compliant
Directive 2011/65/EU



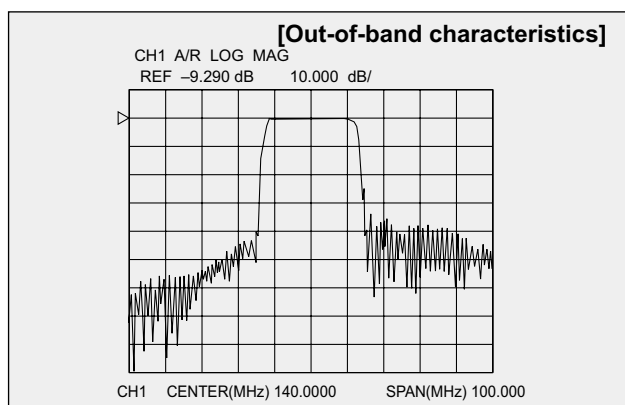
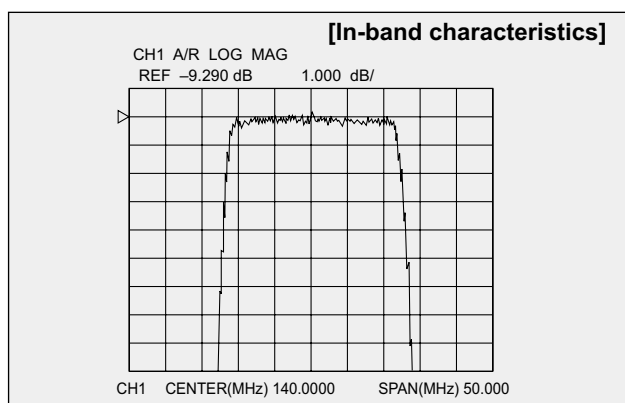
■ Specifications

Model		WF748D0140CD		
Item		min.	typ.	max.
Nominal frequency : f ₀ (MHz)		—	140	—
Insertion loss at f ₀		—	—	11
Passband width (rel to f ₀)	1-dB passband width (MHz)	21	—	—
	3-dB passband width (MHz)	23.9	—	—
	35-dB passband width (In Band)(MHz)	—	—	34
	Pass-band ripple (@ f ₀ ±10 MHz)(ns)	—	—	1.0
	Phase linearity (@ f ₀ ±10 MHz)(deg)	—	—	14
	Group delay distortion (@ f ₀ ±10 MHz)(ns)	—	—	100
	Absolute delay time @ f ₀ (μs)	—	0.76	—
Out Band (rel to f ₀)	Guaranteed attenuation (dB) @ f ₀ –20 MHz	40	—	—
	@ f ₀ +20 MHz	33	—	—
Operating temperature range (°C)		+23 to +27		
Terminating impedance (Ω)		50 (with matching)		

■ Dimensions



■ Characteristics



■ Matching Circuit

