

IF SAW Filter for Base Station

For Industrial Use

■ Features

- A low-loss filter.
- Compact. (7.0x5.0mm)
- Excellent guaranteed attenuation.



Pb Free

RoHS Compliant
Directive 2002/95/EC

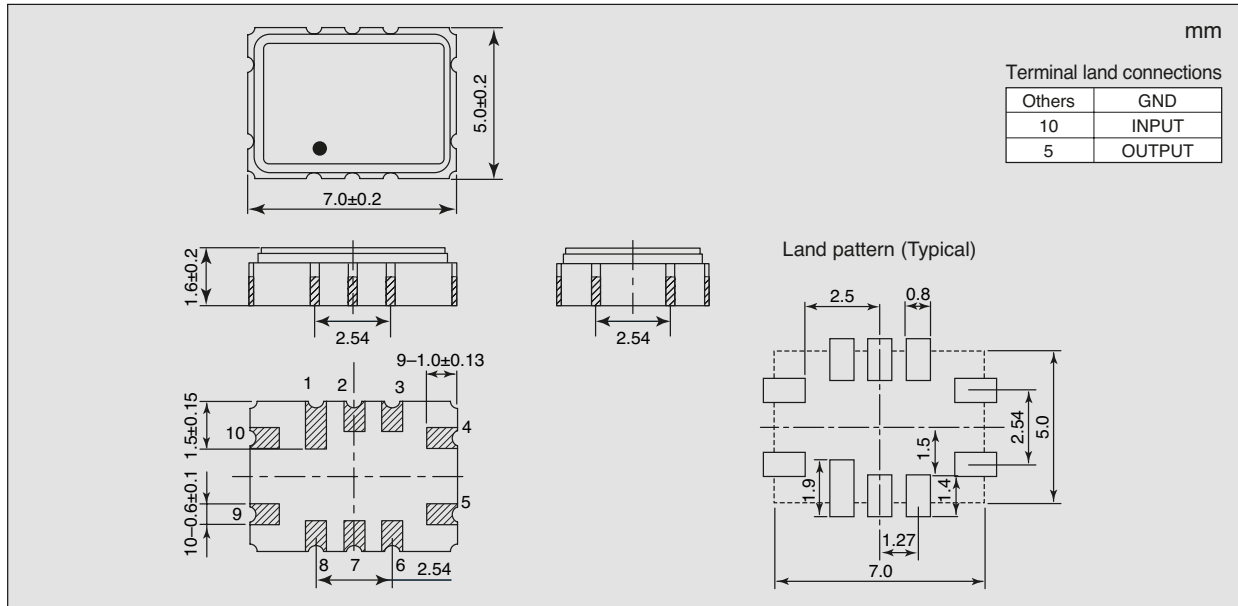
■ Specifications

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 deviation (@ f ₀ ±10 MHz)(ns)	–	–	100
Out Band (rel to f ₀)	Absolute delay time @ f ₀ (μs)	–	0.76	–
	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)			

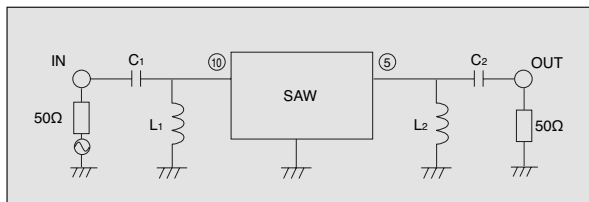
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■ Dimensions



■ Matching Circuit



■ Characteristics

