

SAW Filter for Radio Communication

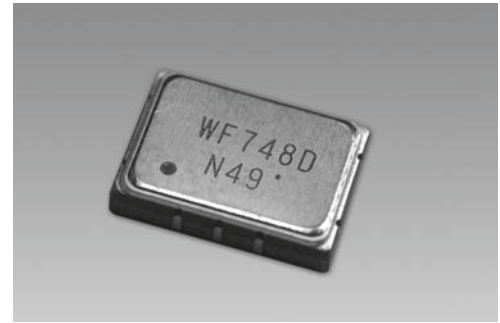
For Industrial Use

Features

- A low-loss filter.
- Compact.
- Excellent guaranteed attenuation.

Pb Free

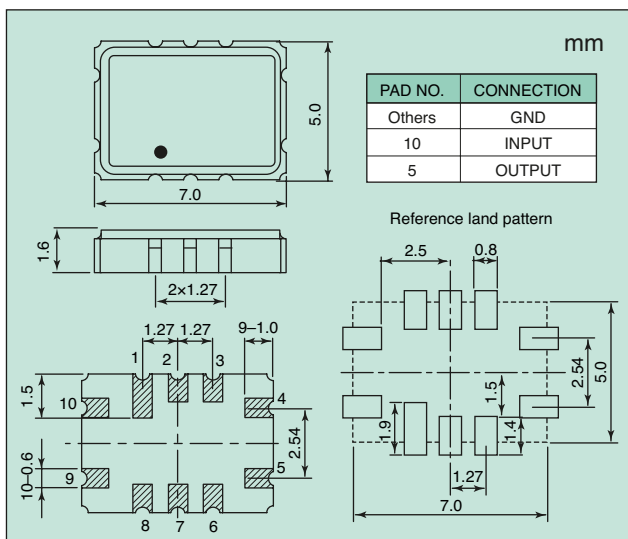
RoHS Compliant
Directive 2002/95/EC



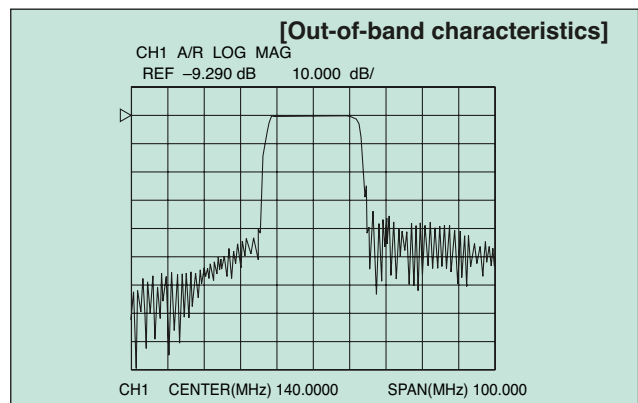
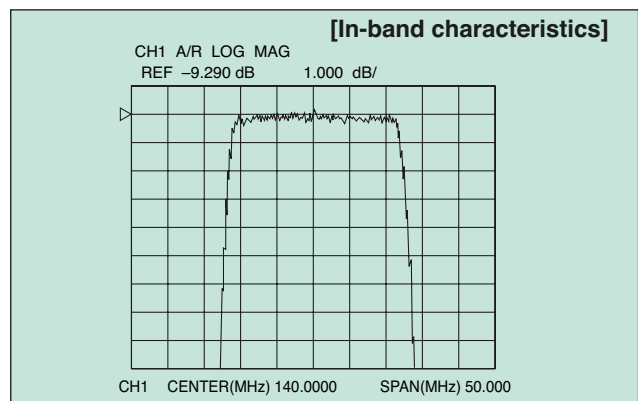
Specifications

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

Dimensions



Characteristics



Matching Circuit

