SAW Device

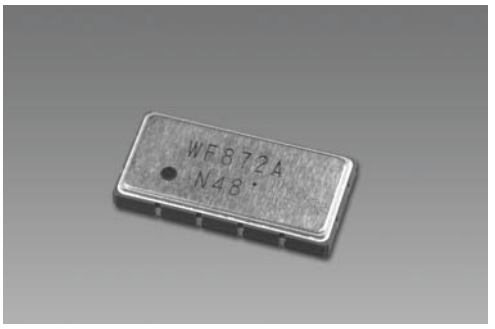
Crystal Bridge to the Future

SAW Filter for Radio Communication

For Industrial Use

■ Features

- A low-loss filter.
- Excellent guaranteed attenuation.
- Surface-mount type.



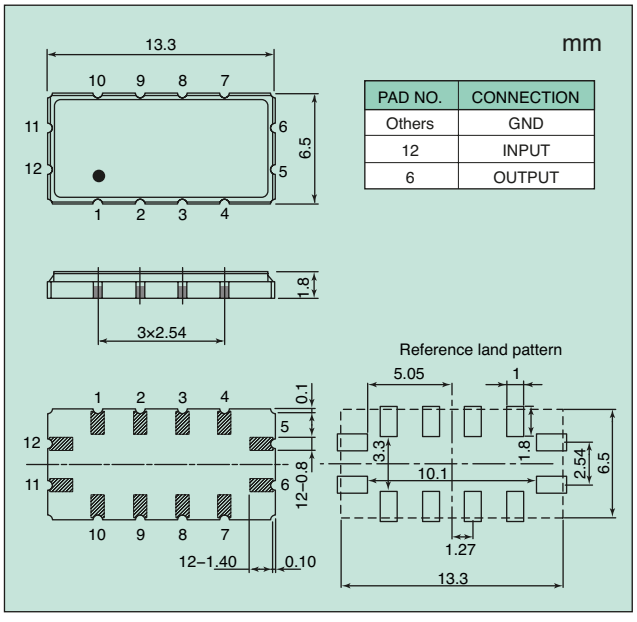
Pb Free

RoHS Compliant
Directive 2002/95/EC

■ Specifications

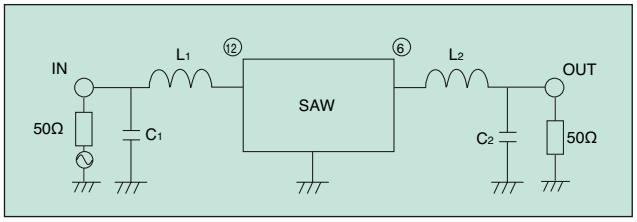
Model		WF872G0140CB		
Item		min.	typ.	max.
Nominal frequency : f0 (MHz)		–	140	–
Insertion loss at f0		–	10.4	13
Passband width (rel to f0)	1-dB passband width (MHz)	15	16.7	–
	3-dB passband width (MHz)	16	17.6	–
	40-dB passband width (In Band)(MHz)	–	21.4	22.0
	Amplitude deviation (f0±6.4MHz)(dB)	–	0.6	0.9
	Group delay time ripple (f0±6.4MHz)(ns)	–	78	140
Operating temperature range (°C)		–40	–	+85
Terminating impedance (Ω)		50 (with matching)		

■ Dimensions



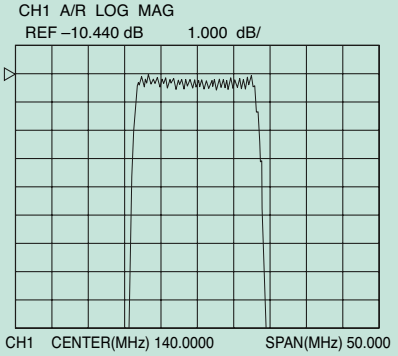
PAD NO.	CONNECTION
Others	GND
12	INPUT
6	OUTPUT

■ Matching Circuit



■ Characteristics

[In-band characteristics]



[Out-of-band characteristics]

