

WFE23A0153CB

For Fixed Communication

■ Features

- IF SAW filter for Base station.
- A wideband filter.
- A filter with low insertion loss.
- Excellent guaranteed attenuation.
- Compact and light.

Pb
Free

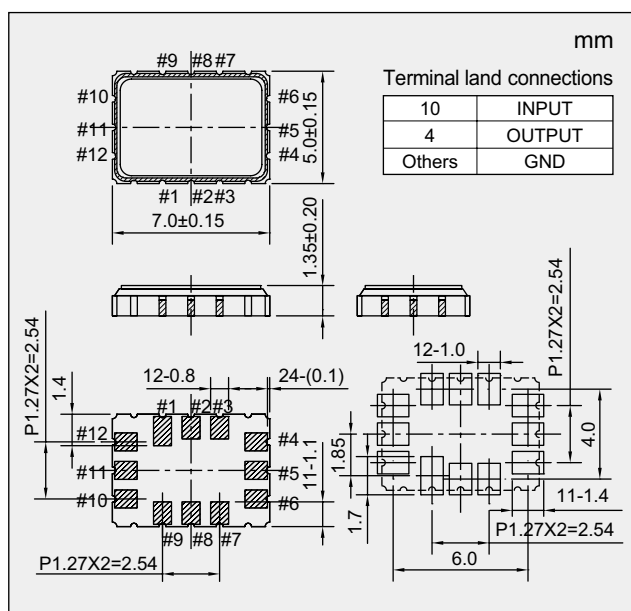
RoHS Compliant
Directive 2011/65/EU



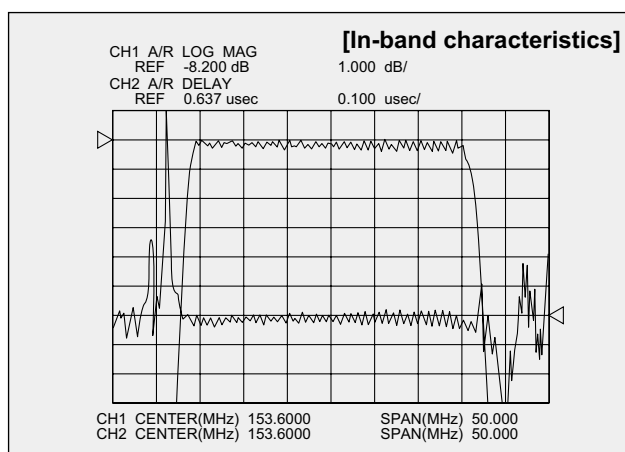
■ Specifications

Model	WFE23A0153CB		
Item	min.	typ.	max.
Nominal frequency : f ₀ (MHz)	–	153.6	–
Minimum insertion loss (dB)	–	8.30	10.5
1dB bandwidth	Relative minimum insertion loss	26	31.9
In-band ripple (dB)	f ₀ ±13MHz	–	0.57
Group delay distortion (ns)	f ₀ ±13MHz	–	52.0
VSWR	f ₀ ±13MHz	–	1.6
Guaranteed attenuation (dB)	40MHz to f ₀ -50MHz	60	65.0
(from the minimum insertion loss)	f ₀ +50MHz to f ₀ +100MHz	60	65.0
Operating Temperature	-40 to +85		
Terminating impedance (Single end) (Ω)	50		

■ Dimensions



■ Characteristics



■ Matching Circuit

