

WFE23B0153CB

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

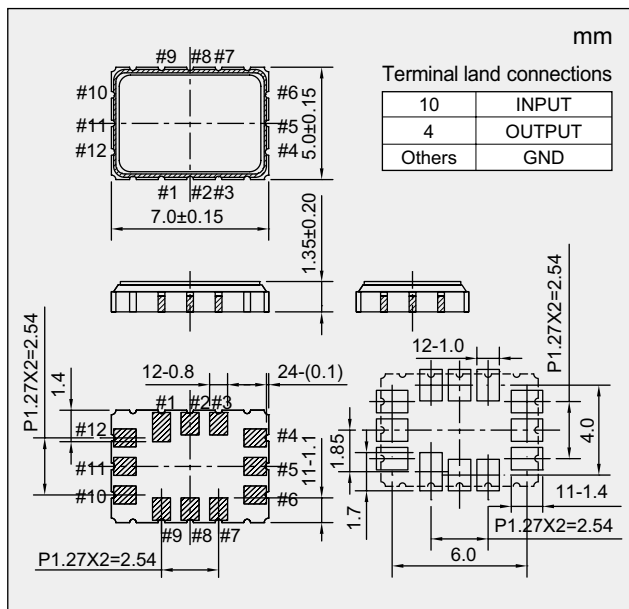
RoHS Compliant
Directive 2011/65/EU



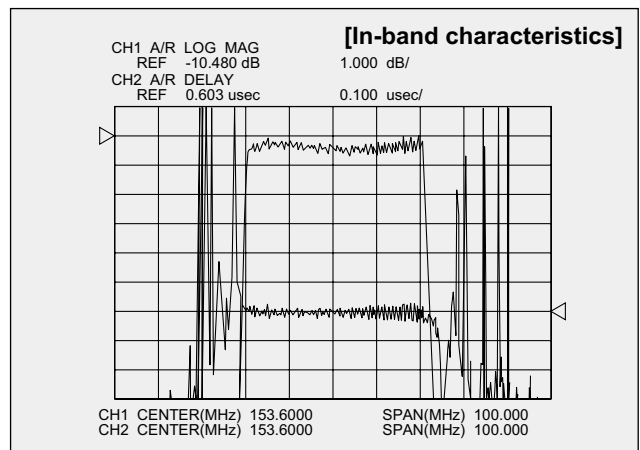
■ Specifications

Model		WFE23B0153CB		
Item		min.	typ.	max.
Nominal frequency : f ₀ (MHz)		-	153.6	-
Minimum insertion loss (dB)		-	10.5	12
1dB bandwidth	Relative minimum insertion loss	36	40.4	-
In-band ripple (dB)	f ₀ ±18MHz	-	0.60	1.0
Group delay distortion (ns)	f ₀ ±18MHz	-	65.5	100
VSWR	f ₀ ±18MHz	-	2.1	2.5
Guaranteed attenuation (dB) (from the minimum insertion loss)	40MHz to f ₀ -50MHz	60	70.0	-
	f ₀ +60MHz to f ₀ +100MHz	60	64.0	-
Operating Temperature		-40 to +85		
Terminating impedance (Single end) (Ω)		50		

■ Dimensions



■ Characteristics



■ Matching Circuit

