

SAW DEVICES

For Basestation

SAW FILTER FOR W-CDMA BASESTATION (Tx)

■ Features

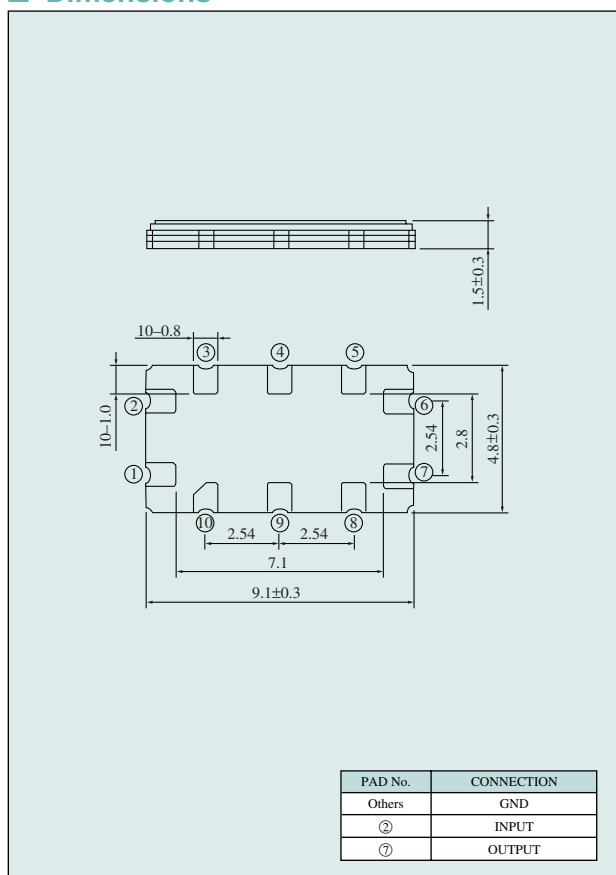
- Low insertion loss
- Low passband ripple
- Excellent group delay time characteristics
- High rejection characteristics
- Surface mount type



■ Specification

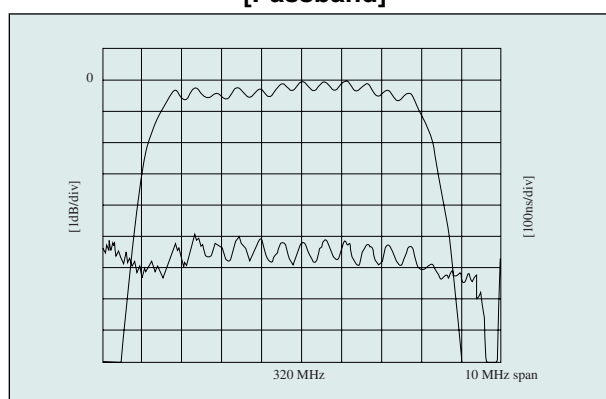
Item	Model	WF476E		
		Min.	Typ.	Max.
Center frequency (MHz)			320.0	
1.5dB down pass band width (MHz)		$f_0 \pm 2.5$	$f_0 \pm 3.4$	
Max. insertion loss in $f_0 \pm 2.5$ MHz (dB)		16.0	19.0	21.0
Amplitude ripple in $f_0 \pm 1.92$ MHz (dB)			0.7	0.92
Group delay (ns)		910	935	950
Group delay ripple in $f_0 \pm 1.92$ MHz (ns)			90	100
Attenuation (dB)	$f_0 - 50$ MHz ~ $f_0 - 7.68$ MHz	35	45	
	$f_0 - 7.68$ MHz	40	45	
	$f_0 + 5.18$ MHz ~ $f_0 + 12.86$ MHz	12	20	
	$f_0 + 12.86$ MHz ~ $f_0 + 50$ MHz	35	50	
Operating temp. range (°C)		-10	25	70
Impedance (Ω)			50	

■ Dimensions



■ Filter characteristics (example)

[Passband]



[Outband]

