

Features

- Low insertion loss
- Symmetrical rejection
- Surface mount
- Small footprint
- LTE Ceramic Duplexer

Descriptions

Surface mount ceramic duplexer developed to achieve excellent rejection from 10MHz to 6GHz for LTE applications. Filter is shielded with metal cover.

Electrical Specifications

Parameter	Unit	Specification	
		Low (RX)	High (TX)
Center Frequency	MHz	1950	2140
Band Width	MHz	60 (1920~1980)	60 (2110~2170)
Insertion Loss in BW	dB	2.3 max	2.3 max
Ripple in BW	dB	0.7 max	0.7 max
Return Loss	dB	15	15
Attenuation	dB	55 min @ 2110 ~ 2170 MHz	55 min @ 1920 ~ 1980 MHz
		30 min @ 10 ~ 1700 MHz, 30 min @ 2400 ~ 6000 MHz	
Input Power	Watt	2 max (CW)	
IN/OUT Impedance	Ω	50	
Operating Temp. Range	$^{\circ}\text{C}$	-40 to +85	
RoHS	-	Yes	
Dimensions (maximum)	mm	31.0 L x 15.0 W x 5.5 H	

Mechanical Drawing

