

Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- Surface Mount

Descriptions

Surface mount ceramic duplexer developed for LTE band-30 applications.

Electrical Specifications

Parameter	Unit	Specification	
		Low (RX)	High (TX)
Center Frequency	MHz	2310	2355
Band Width	MHz	10 (2305~2315)	10 (2350~2360)
Insertion Loss in BW	dB	2.8 max	2.7 max
Ripple in BW	dB	1.0 max	1.0 max
Return Loss (VSWR)		1.3:1	1.3:1
Attenuation	dB	50 min @ 2350 ~ 2360 MHz	50 min @ 2305 ~ 2315 MHz
	dB	30 min @ 2095 ~ 2110 MHz	35 min @ 2010 ~ 2013 MHz
	dB	35 min @ 1932 ~ 1948 MHz	45 min @ 1886 ~ 1890 MHz
	dB	25 min @ 2170 & 2620 MHz	35 min @ 1980 & 2500 MHz
Input Power	Watt	3 max (CW)	
IN/OUT Impedance	Ω	50	
Operating Temp. Range	$^{\circ}\text{C}$	-40 ~ +85	
RoHS	-	Yes	
Dimensions Maximum	mm	44 L x 14 W x 9.5 H	

Mechanical Drawing

