

Features

- Low Insertion Loss
- Compact Size
- Surface Mount

Descriptions

Surface mount ceramic duplexer developed for LTE band-31 applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	455	465
Passband Frequency Range	MHz	5 (452.5~457.5)	5 (462.5~467.5)
Insertion Loss in Passband	dB	4.5 max	4.5 max
Ripple in Passband	dB	2.8 max	2.8 max
Return Loss (VSWR) in Passband	dB	13 min	13 min
Attenuation at Reject Band	dB	55 min @462.5~467.5MHz	55 min @452.5~457.5MHz
		18 min @460 MHz	18 min @460 MHz
Power Handling	Watt	3 max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-45 ~ +85	
Dimensions (max)	mm	42.5 x 21.5 x 9.5 (L x W x H)	

Mechanical Drawing

