

### Features

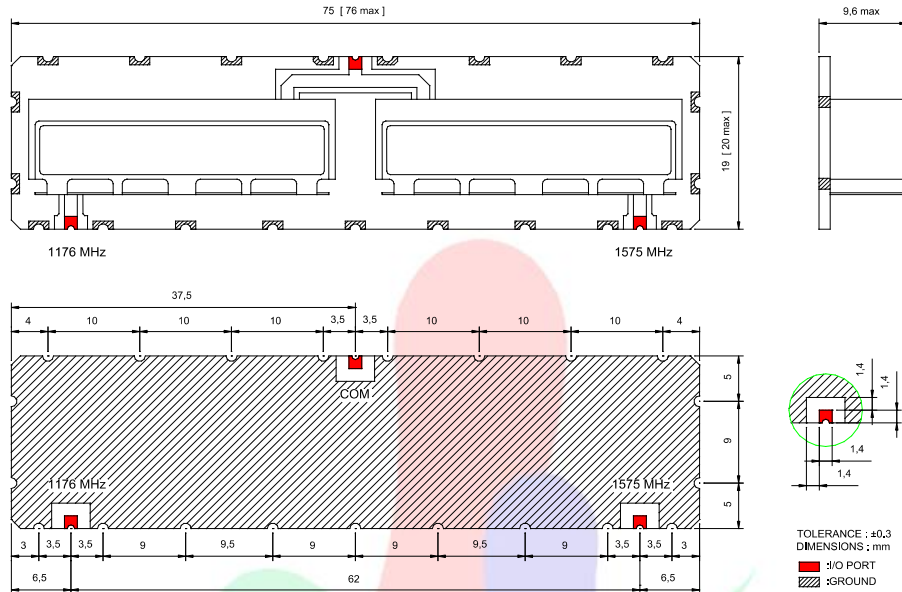
- Ceramic Diplexer (1,166.45 MHz ~ 1,186.45 MHz  
1,565.42 MHz ~ 1,585.42 MHz)
- 0.7 dB typical Insertion loss @ room temp.
- 61 dB typical L5 Band and L1 Band Attenuation.



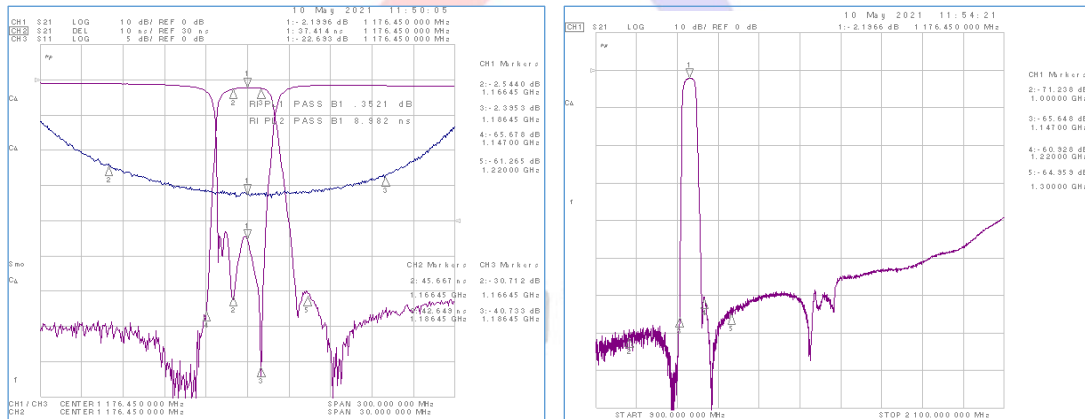
### Specifications

Parameter	Specifications		Remarks
Band Name	L5 Band (Low)	L1 Band (High)	
Frequency Range	1,166.45 ~ 1,186.45 MHz	1,565.42 ~ 1,585.42 MHz	BW : 20 MHz
Center Frequency	1,176.45 MHz	1,575.42 MHz	
Insertion Loss (Max.)	4.0 dB		
Pass Band Ripple (Max.)	0.7 dB		
Return Loss (Min.)	15.0 dB		
Attenuation (Min.)	54 dB @ 1,000 ~ 1,147 MHz 54 dB @ 1,220 ~ 1,300 MHz	60 dB @ 1,315 ~ 1,520 MHz 55 dB @ 1,635 ~ 2,000 MHz	
Group Delay Variation	15 nsec Max.	9 nsec Max.	
In/ Out Impedance	50 Ω		
Input Power (Max.)	20 dBm		
Operation Temperature Range	-55 °C ~ +85 °C		

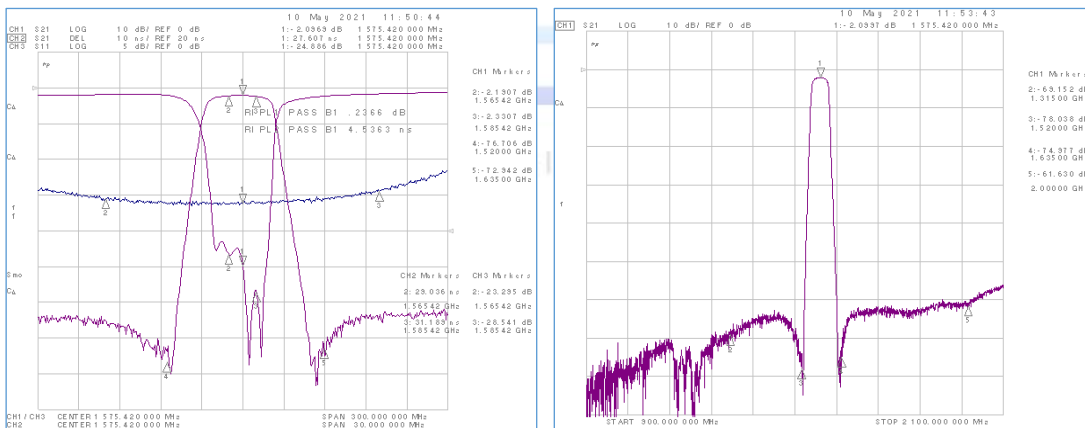
# Outline drawing



# Typical Response



Duplexer L5 Band path Transmission



Duplexer L1 Band path Transmission