

## P/N : RMC3626.5 3726.5D53.5M01

### 1. FEATURES

- ▶ HIGH PERFORMANCE
- ▶ HIGH RELIABILITY
- ▶ Coaxial TYPE
- ▶ Band H 3.5GHz Duplexer
- ▶ RoHS Compliant

### 2. Electrical Specifications

ITEM	Specifications		
1) Frequency range	Rx:3,600MHz~3,653.5MHz	Tx:3,700MHz~3,753.5MHz	
2) Center frequency	3,626.75MHz	3726.75MHz	
3) Band-width(BW)	53.5MHz	53.5MHz	
4) Insertion Loss	1.2dB Max	1.2dB Max	
5) VSWR	1.32:1 Max	1.32:1 Max	
6) Attenuation	25dB Min@3,552~3,582.5MHz 60dB Min@DC~3,480MHz	10dB Min@3,770MHz 25dB Min@3,782MHz 65dB Min@3,940MHz 75dB Min @DC~3,513MHz 42dB Min @7,400~7,505MHz 38dB Min @11,100~11,258MHz	
7) Passband Ripple	0.5dB Nominal	0.5dB Nominal	
8) Isolation between TX and RX Ports	75dB min over RX and TX Pass Bands (3,600MHz~3,653.5MHz and 3,700MHz~3,753.5MHz) 60dB min over DC-6.4GHz, excepting TX and RX Pass Bands		
9) Power	20W Max(CW), 100W Max (Peak Power during 10uS)		
10) In/Out Port	SMA(F)		
11) In/Out Impedance	50 Ohm nominal		
12) Size	3.53x4.5x1.16(inch)		
13) Temperature range	-40 to +85		
			°C

#### Remark :

Common Port should be lightning protected  
 Duplexer is RoHs compliant



## 3. Mechanical Specifications

