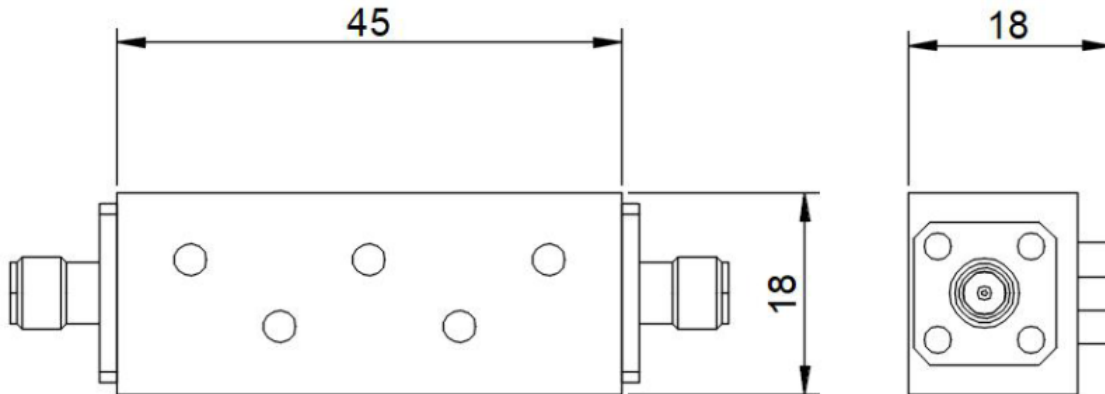


**HD34172**

**LTE Band Pass Filter**

■ Mechanical Drawing



**Note**

1. Connector: SMA(F)
2. Finish : Black Epoxy
3. Weight : 35g max

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	2595MHz	
2. Bandwidth	$F_c \pm 25\text{MHz}$ [2570~2620MHz]	
3. Insertion Loss in BW	1.0dB Max.	
4. Ripple in BW	0.5dB Max.	
5. Return Loss in BW	15dB Min.	
6. Attenuation	70dB Min.@ DC~1300MHz	
	40dB Min.@ 1350~2460MHz	
	40dB Min.@ 2750~4000MHz	
	70dB Min.@ 4100~8000MHz	
7. In/Out Impedance	50Ω	
8. Power Handling	3W	
9. Connector	SMA(F)	
10.Dimension	45.0x18.0x18.0 mm	
11. Temperature Range	-40°C to +85°C	

# HD34172

# LTE Band Pass Filter

## Environmental Specification

Parameter	Specification	Remark
Altitude	20000ft	
Humidity	Up to 95% at +35°C	
Fungus	MIL-STD-810G Method 508.6	
Vibration	MIL-STD-810G Method 514.6	
Salt Atmosphere	MIL-STD-810G Method 509.5	

## Test Curve

