

Characteristics and Application

High performance, ultra bandwidth

Low loss, high isolation

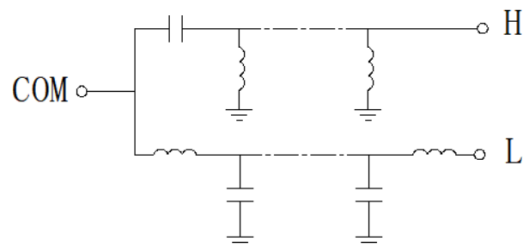
Small size, excellent performance

Customizable according to requirements

Tech specifications

Items	Parameters	Units
Working frequency L	DC-2.8	GHz
Working frequency H	3.4-8.5	GHz
IL	<2.0	dB
Ripple	<2.0	dB
VSWR	<1.8:1	
Rejection L	>40@3.4-8.5GHz	dB
Rejection H	>40@DC-2.8GHz	dB

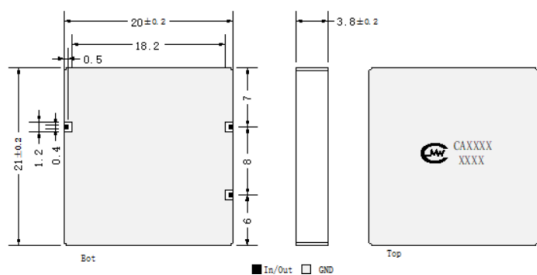
Schematic diagram



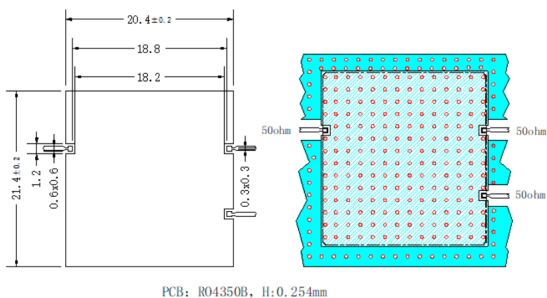
Other requirement (Design assurance)

power	5W CW
Operation Temp.	-55~+85°C
Storage Temp.	-55~+85°C

Configuration



Suggested PCB Layout



Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Note

1:建议分腔使用，端口可互换，单侧距离侧壁1.0mm，表面距上盖2.0mm，支持260°C回流焊

2:表贴式滤波器的接地很重要，如果接地效果不理想，会对滤波器的电特性造成影响，尤其是带外抑制指标会明显变差，只有良好的接地和正常的安装才能发挥滤波器最佳性能，获得最佳效果

3:在清洗过程中滤波器不能长时间浸泡在清洗液中，清洗不应影响滤波器性能、标识及焊点产生不良影响，清洗后放入40-50°的烤箱中，烘烤干燥20-30分钟

4:实际使用中空间对谐波抑制影响较大，在滤波器表面或壳体上填充吸收材料可获取更有效的谐波抑制