



## 1. Feature

- ▶ High Performance
- ▶ High Reliability
- ▶ RoHS Compliant

Cavity Diplexer

Part No: CDU14660M15250A02

Date: Jan.11th.2022

Revision No: Preliminary

## 2. Electrical Specifications

Parameter	Specification		Remark
	Low Band	High Band	
Frequency Range	14.4GHz~14.92GHz	15.15GHz~15.35GHz	
Insertion Loss	≤3.5dB	≤3.5dB	
Return Loss	≥10dB	≥10dB.	
Isolation	≥50 @15.15GHz-15.35GHz	≥60 @14.4GHz-14.89GHz	
Power	10W		
Impedance	50 OHMS		

## 3. Environmental Specifications

Parameter	Specifications	Remark
Operating Temperature	-40°C to +70°C	
Storage Temperature	-50°C to +90°C	

## 4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	70.0x24.6x19.0mm ( Not including the connectors )	
Connector Type	SMA-Female	
Surface Finish	Black Painting	

*Professional manufacturer of  
passive microwave components*

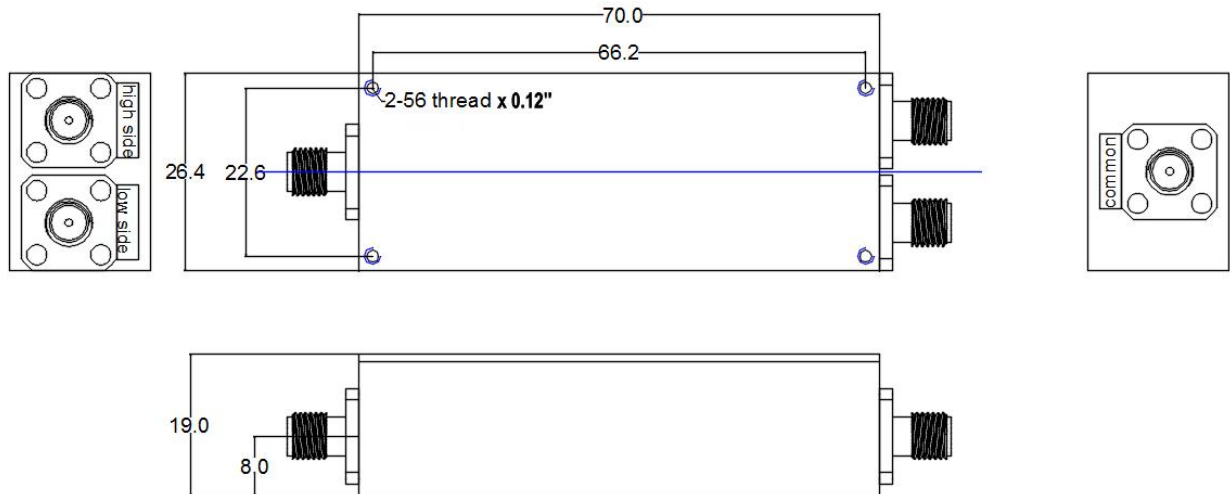
DN: CN0038-Jan./11th/2022

Technical Specifications

## 5. Outline Drawing ( $\pm 0.5\text{mm}$ )



**CONCEPT**





Graph 1

