

Professional manufacturer of
passive microwave components

DN: CN0202-Sep./18th/2024
Technical Specifications

1. Feature

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

Triplexer
Part No: CBC05400M20400A03
Date: Sep.18th.2024
Revision No: A1

2. Electrical Specifications

Parameter	Band 1	Band 2	Band 3	Units
Pass band Frequency	DC-6.8GHz	10.4-13.6GHz	15.6-20.4GHz	GHz
Insertion Loss	≤1.5dB			dB
Insertion Loss Flatness	≤0.6dB over 100MHz Bandwidth			
Stop Band Attention	≥60dB@8-20GHz	≥60dB@5-7.5GHz ≥60dB@15.6-20GHz	≥60dB@DC-13.6GHz	dB
Return Loss	≥12db@5.4-6.8GHz ≥10dB@DC-5.4GHz	≥12dB	≥12dB	dB
Power	20			W cw

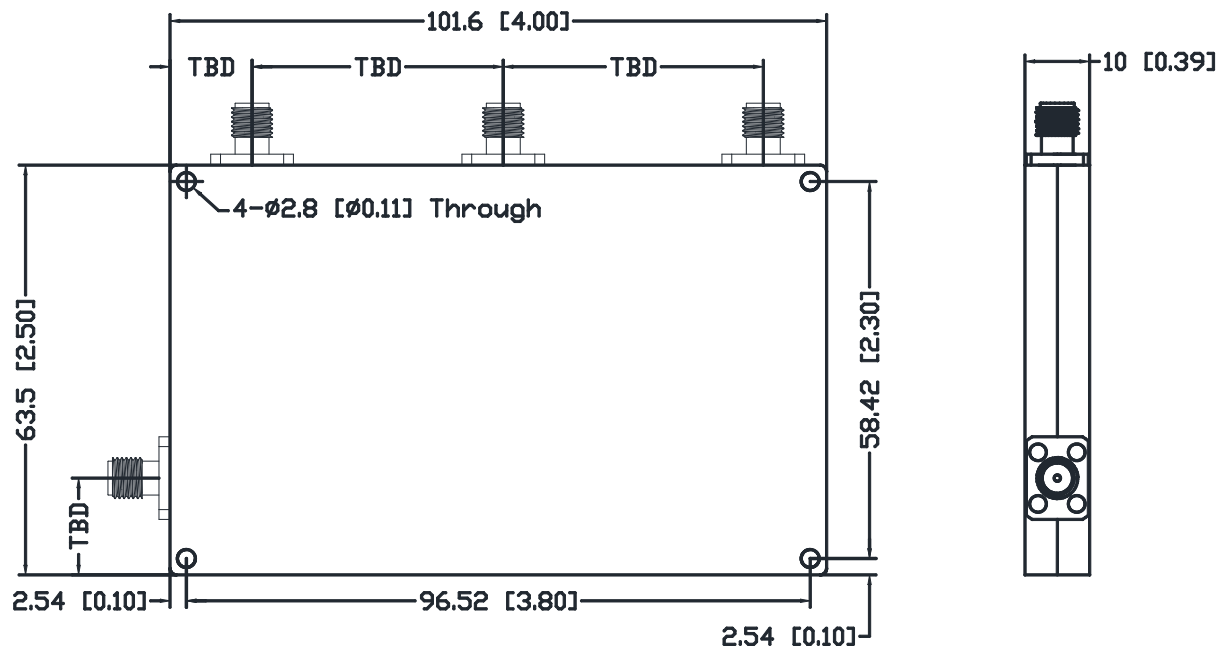
3. Environmental Specifications

Parameter	Specifications	Remark
Operating Temperature	-25°C to +65°C	
Storage Temperature	-45°C to +85°C	
Application Environment	Indoor type	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	101.6x63.5x10.0mm	
Connector Type	SMA-female	
Surface Finish	Blue Painting	

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



6. Test Curve

Band 1



Band 2



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Band 3

