

**Professional manufacturer of  
passive microwave components**

DN: CN0072-March./15th/2021

Technical Specifications

### 1. Feature

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

**Cavity Combiner**

**Part No: CDU00703M02570M60S**

**Date: March.15th.2021**

**Revision No: Preliminary**

### 2. Electrical Specifications

Frequency	703-748MHz	832-862MHz	880-915MHz	1710-1785MHz	1920-1980MHz	2500-2570MHz
Return loss	≥15dB	≥15dB	≥15dB	≥15dB	≥15dB	≥15dB
Insertion loss	≤3.0dB	≤3.0dB	≤3.0dB	≤3.0dB	≤3.0dB	≤3.0dB
Ripple	≤0.7dB	≤0.8dB	≤1.0dB	≤0.6dB	≤0.5dB	≤0.5dB
Rejection	≥60dB @ 758-821MHz & 925-960MHz & 1805-1880MHz & 2110-2170MHz & 2620-2690MHz & 3300-3800MHz					
Isolation	≥60dB @ each port					
Power	Input (@each port): 1W average Max ; 5W peak Max Output (com port): 6W average Max ; 30W peak Max					
Impedance	50 Ω					
Temperature	0°C to +55°C					

### 3. Environmental Specifications

Parameter	Specifications	Remark
Operating Temperature	0°C to +55°C	
Application Environment	Indoor Application	

### 4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	237x185x36mm ( Not including the tuning screws and connectors )	
Connector Type	SMA-female	
Surface Finish	Silver Plated	

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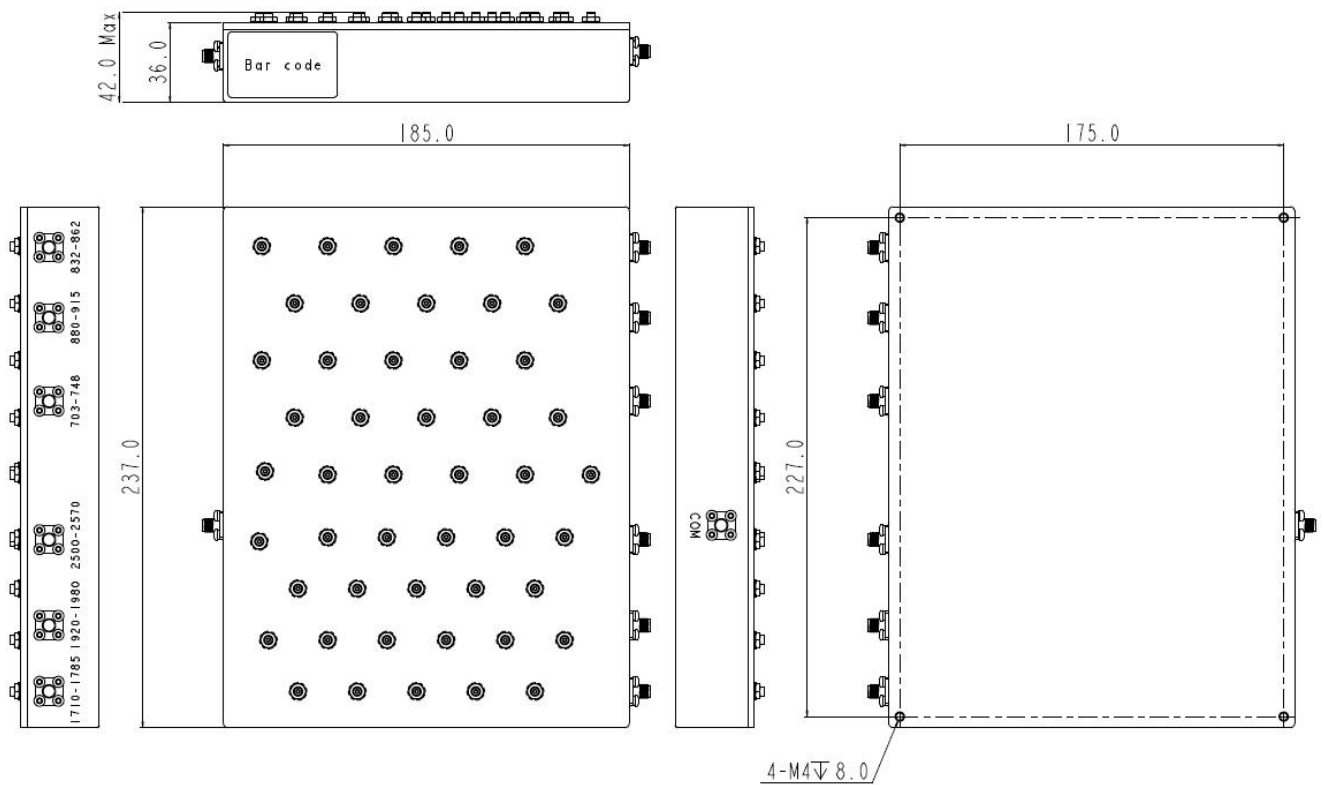
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**5. Outline Drawing ( $\pm 0.3\text{mm}$ )**



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