

**Professional manufacturer of  
passive microwave components**

DN: CN0265-Aug./29th/2023

Technical Specifications

### 1. Feature

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

**Cavity Duplexer**

**Part No: CDU14400M15350A03**

**Date: Aug.29th.2023**

**Revision No: Preliminary**

### 2. Electrical Specifications

Parameter	Specification		Remark
	Rx	Tx	
Frequency Range	14400-14830MHz	15150-15350MHz	
Insertion Loss	≤1.5dB	≤1.5dB	
Return Loss	≥14dB	≥14dB	
Isolation	≥60dB@15150-15350MHz	≥60dB@14400-14830MHz	
Rejection	≥60dB@DC-12400MHz // ≥60dB@18000-25000MHz		
Power	20W		
Impedance	50 OHMS		

### 3. Environmental Specifications

Parameter	Specifications	Remark
Operating Temperature	-30°C to +70°C	
Storage Temperature	-45°C to +85°C	
Application Environment	Indoor type	

### 4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	45.0x42.0x11.0mm (Exclusive the connectors and tuning screws)	
Connector Type	SMA-female	
Surface Finish	Black Painting	

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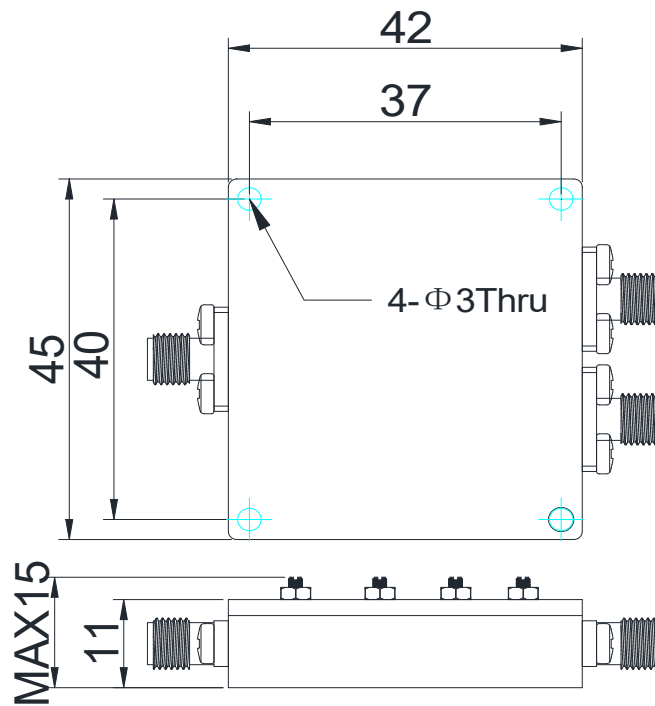
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**5. Outline Drawing ( $\pm 0.3\text{mm}$ )**



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