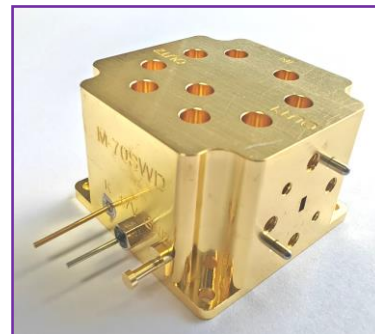


Switch Module

Product Features

- Frequency: 75GHz~110GHz
- SPDT
- Insert Loss =4.5dB
- Isolation=35dB



Electrical Specs:

Parameter	Minimum	Typical	Maximum
Frequency Range	75GHz		110GHz
Insert Loss		4.5dB	
Isolation		35dB	
Input Power			20dBm
Input P1dB		20dBm	
Input Return Loss		-15dB	
Output Return Loss		-15dB	
Switching time		75ns	
DC Voltage	+6V	+7V	+10 V
DC Supply Current		10mA	
Specification Temperature	10℃	+25 ℃	40℃
Operating Temperature	0 ℃		+50 ℃

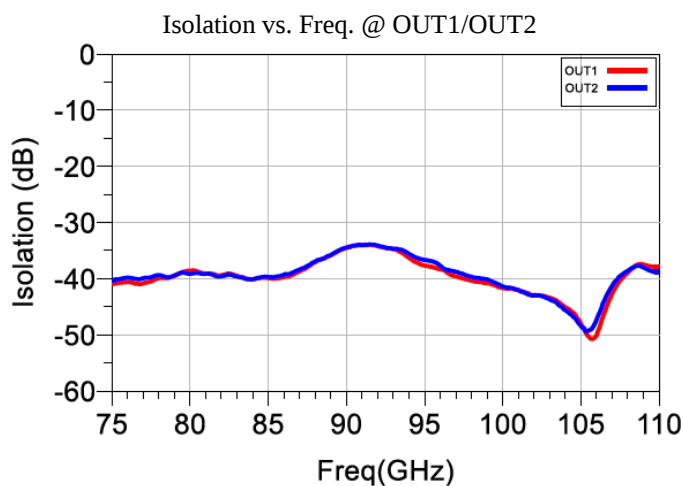
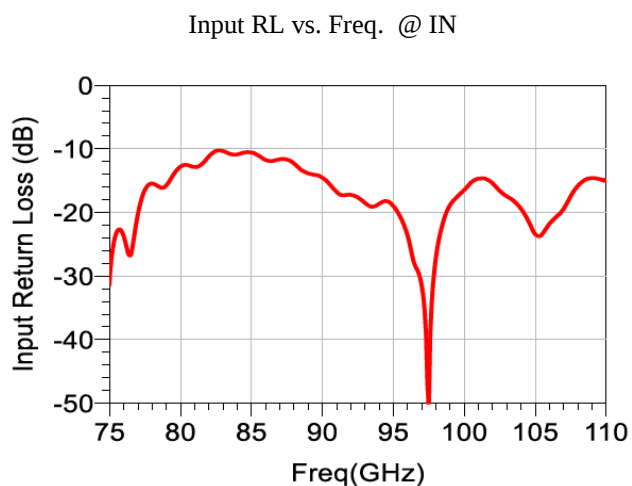
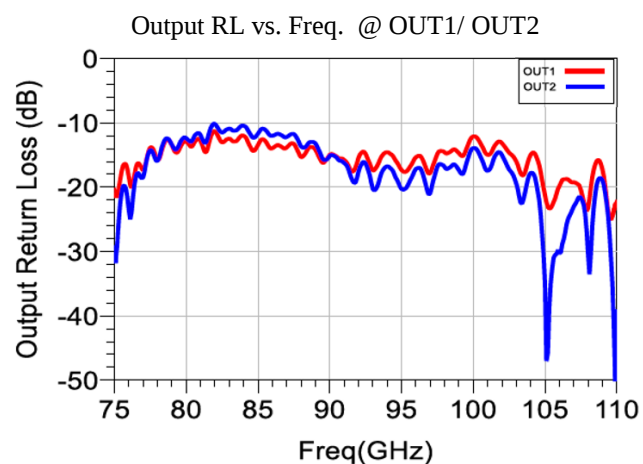
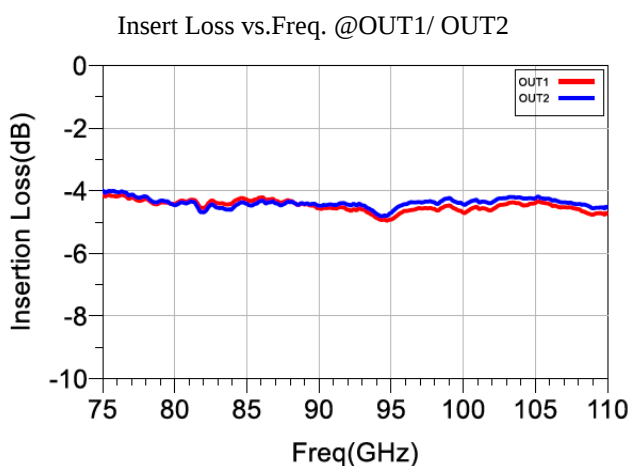
Mechanical Specs:

Item	Specification
Input	WR-10 Waveguide with UG-387/UM Flange
Output 1~2	WR-10 Waveguide with UG-387/UM Flange
Control Voltage K	DC Insulator, TTL
Power Supply	Solder Pin, +7V
GND	Grounding Terminal
Case Material/ Finish	Brass /Gold Plated
Weight	0.4kg
Size (W×L×H)	36 mm×36 mm×24 mm

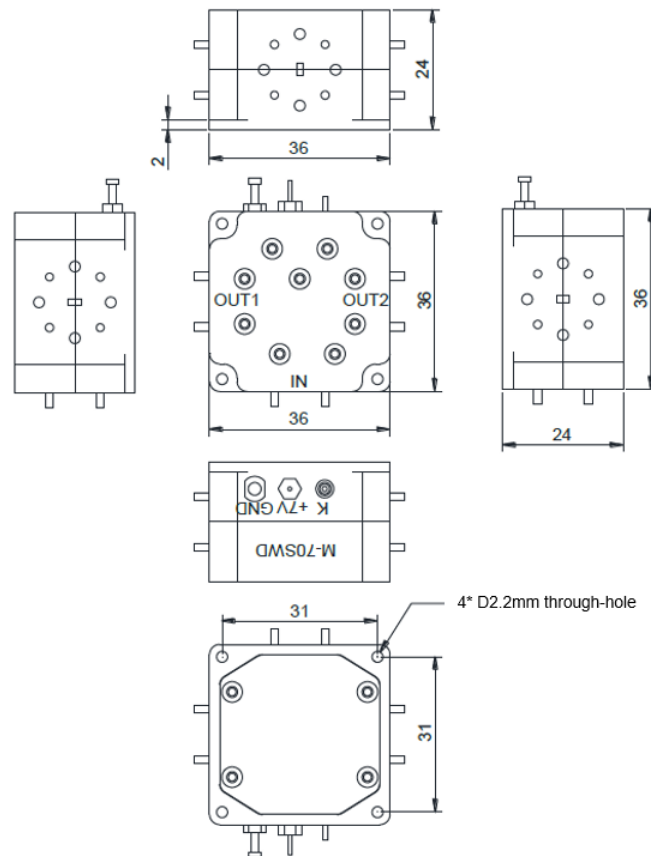
Control Voltage	Status	
K	OUT1	OUT2
1	On	Off
0	Off	On

Note: "0" -TTL low voltage, "1" -TTL low voltage

Measured Performance: (TA=+25°C) V=7V, I=10mA, Pwr_Input=-15dBm



Mechanical Outline:



Notes:

1. Datasheet may be changed according to update of MMIC, Raw materials , process, and so on.
2. This data is the typical performance for the reference.