

Key Features:

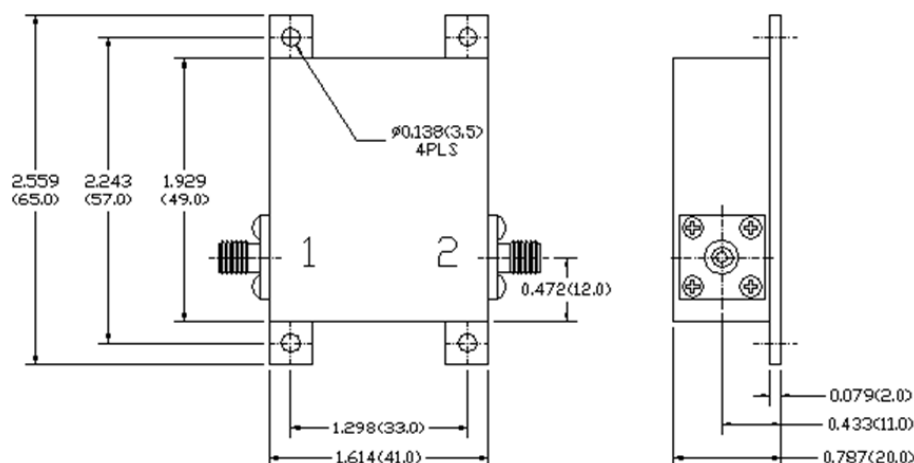
- Wide operating frequency range from 500 to 1000MHz
- 1.5dB maximum insertion loss and 14dB minimum reverse isolation
- 50 ohm SMA female coaxial connectors
- 10 Watts CW forward power handling, 10 Watts reverse power termination
- Operating temperature range -30~+65°C
- Weight 310 grams (11 OZ)

**Description:**

F2370-0750-67S is a single junction lumped element type isolator with SMA female coaxial connectors operating in the frequency range from 500 to 1000MHz. It offers 1.5dB maximum insertion loss and 14dB minimum reverse isolation. The coaxial isolator can handle 10 watts of forward CW power and 10 watts of reverse power.

Electrical Specifications

No.	Parameters	Units	Specifications		
			Minimum	Typical	Maximum
1	Frequency Range	MHz	500		1000
2	Insertion Loss @ Room temp.	dB	-		1.5
3	Reverse Isolation @ room temp.	dB	14.0		
4	VSWR @ room temp.	-	-	-	1.60
5	Forward Power CW	Watts			10
6	Reverse Power CW	Watts			10
7	Operating Temperature	°C	-30		+65
8	Impedance	Ω		50	
9	RF Connectors	-	SMA Female		
10	Signal Flow Direction	-	From Port 1 to Port 2		

Mechanical Structure:

Note: All units in inches (mm).



BROADBAND COAXIAL ISOLATOR

F2370-0750-67S

Revision History:

Revision	Date	Description	Comments
A00	06/16/2020	Initial Release	