

Key Features:

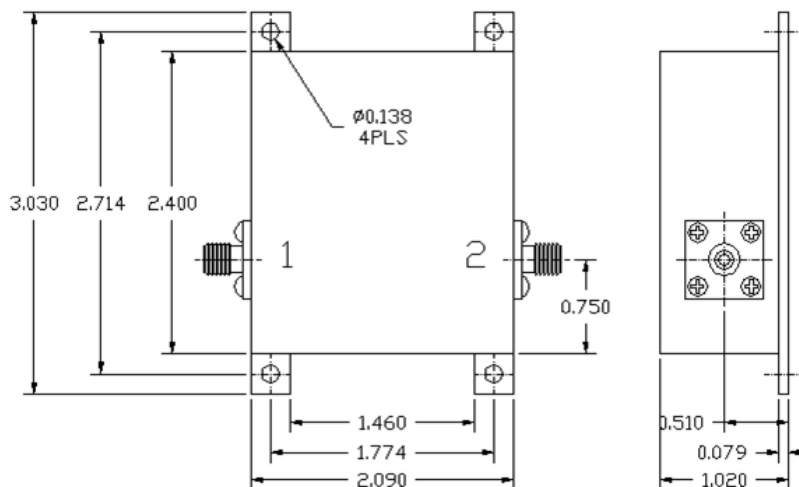
- Wide operating frequency range from 225 to 450MHz
- 0.6dB typical insertion loss, 17dB typical reverse isolation
- 50 ohm Type N female coaxial connectors
- 40 Watts CW forward power handling, 10 Watts reverse power termination
- -20~+55°C operating temperature range
- Weight 300grams(10.5oz)

Description:

F2020-0338-67S is a single junction coaxial isolator with SMA-female coaxial connectors operating in the frequency range from 225 to 450 MHz and offers 1.0dB typical insertion loss and 17dB typical reverse isolation. The coaxial isolator can handle 50 watts of forward CW power and 10 watts of reverse power.

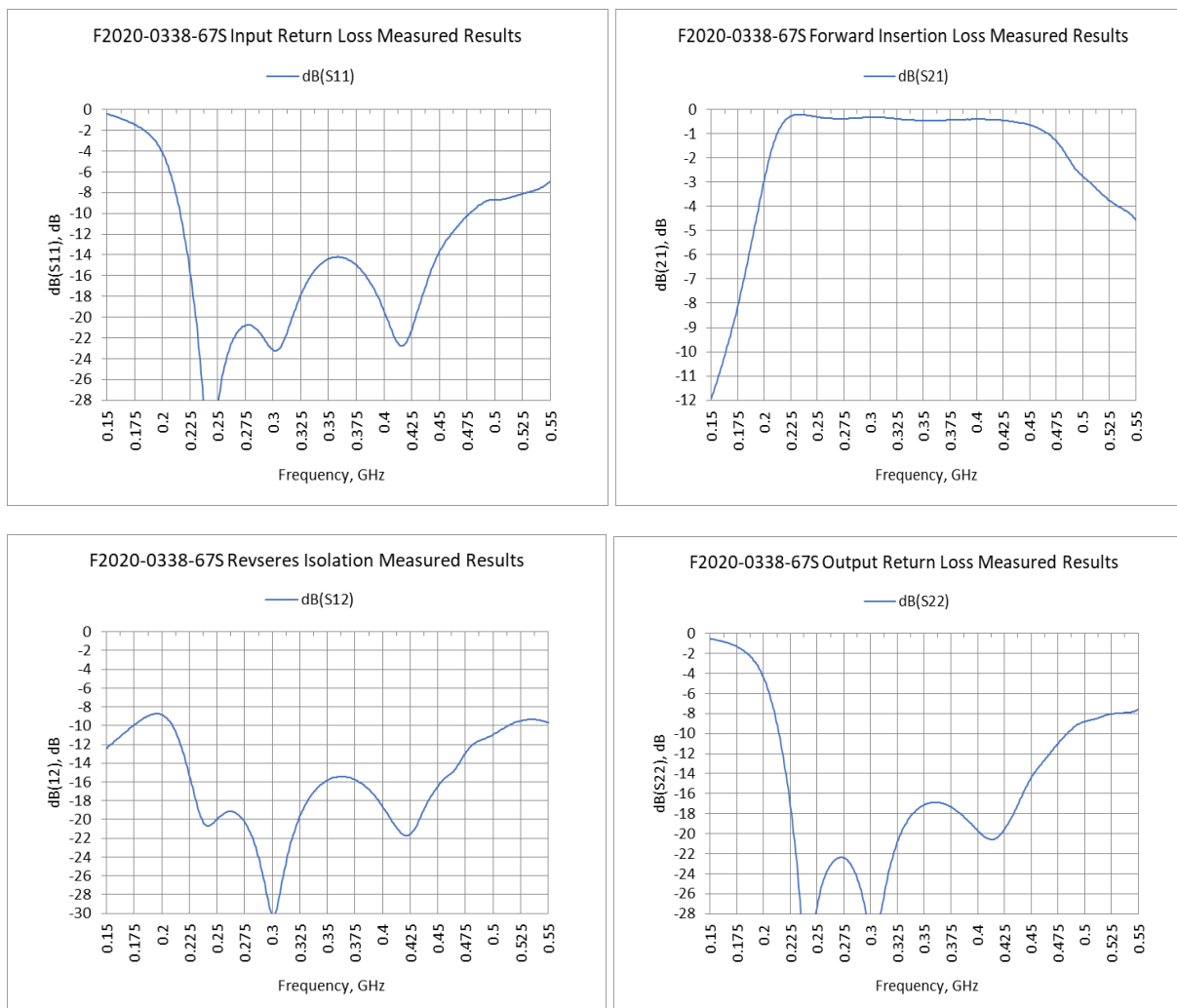
Electrical Specifications

No.	Parameters	Units	Specifications		
			Minimum	Typical	Maximum
1	Frequency Range	MHz	225		450
2	Insertion Loss	dB	-	0.6	1.0
3	Reverse Isolation	dB	15.0	17.0	-
4	VSWR	-	-	-	1.6:1
5	Forward Power CW	Watts			40
6	Reverse Power CW	Watts			10
7	Operating Temperature	°C	-20		+55
8	Impedance	Ω		50	
9	RF Connectors	-	Type N Female Connectors		
10	Signal Flow Direction	-	From Port 1 to Port 2		

Mechanical Structure:

Note: All units in inches.

Typical Test Plots:



Revision History:

Revision	Date	Description	Comments
A00	02/28/2022	Initial Release	