

High Pass Filter

WGLH-00880-2012

50Ω 990 to 8000 MHz

Ver. A
2026.07.13

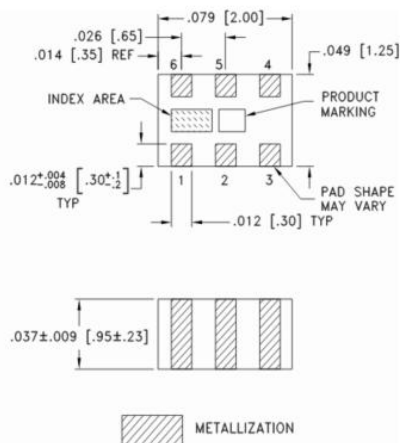
Maximum Rating

Operating Temperature	-55°C~+125°C
Storage Temperature	-55°C~+125°C
RF Input Power	3W at 25°C

Pin Connections

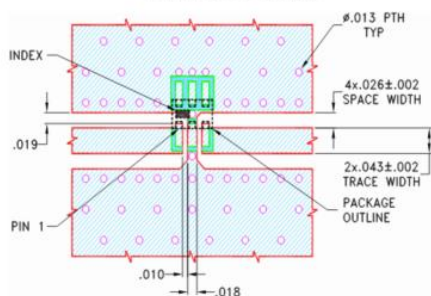
RF Input	1
RF Output	3
Ground	2,4,5,6

外形示意



Weight: .008 grams.
Dimensions are in inches (mm). Tolerances: 2Pl. ±.01; 3 Pl. ±.005

推荐PCB布局



NOTES:
1. COPLANAR WAVEGUIDE PARAMETERS ARE SHOWN FOR ROGERS (RO4350B) WITH DIELECTRIC THICKNESS .020±.0015, COPPER: 1/2 Oz. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH AND GAP MAY NEED TO BE MODIFIED.
2. BOTTOM SIDE OF THE PCB IS CONTINUOUS GROUND PLANE.
3. DENOTES PCB COPPER PATTERN WITH SMOBC (SOLDER MASK OVER BARE COPPER)
4. DENOTES PCB COPPER PATTERN FREE OF SOLDERMASK

Features

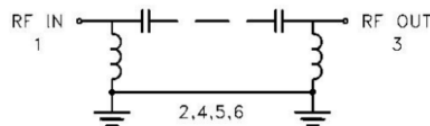
- High Performance
- Small Size
- Wide Band
- Ultra Low I.L.
- Temperature Stable
- LTCC Structure

Application

- Harmonic Rejection
- Transmitters/Receivers
- Base Station of Mobile Communication
- Lab Use



RoHS Compliant

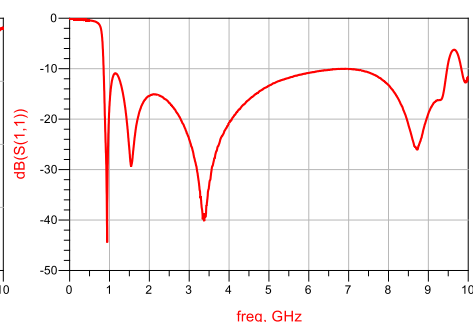
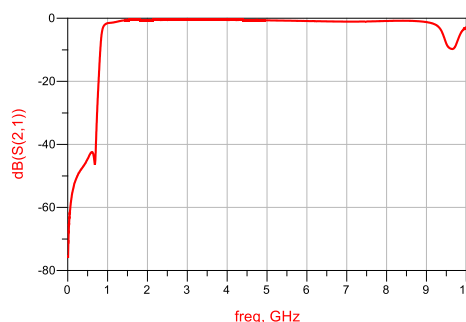


Functional Schematic

Electrical Specifications⁽¹⁾ at 25°C

Parameter	Frequency (MHz)	MIN	Typ.	MAX	Unit
Pass Band	990-1800	--	1.8	--	dB
	1800-6500	--	0.5	1.1	
	6500-8000	--	0.5	1.3	
Stop Band	990-1800	--	10	--	dB
	1800-6500	--	13	--	
	6500-8000	--	15	--	
Stop Band	DC-500	42	47	-	dB
	500-690	20	44	-	
Stop Band	Freq. Cut-Off	880	3.0	-	

(1) Tested on Demo Board.



Notes

- The specifications are tested at 25°C±5°C, relative humidity 55~75%.
- Other quality and characteristic not specify in this datasheet. Please contact us for detail requirements.



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