

Band Pass Filter

WGLB-01575-2012

50Ω 950 to 2200 MHz

Ver. A
2026.05.19

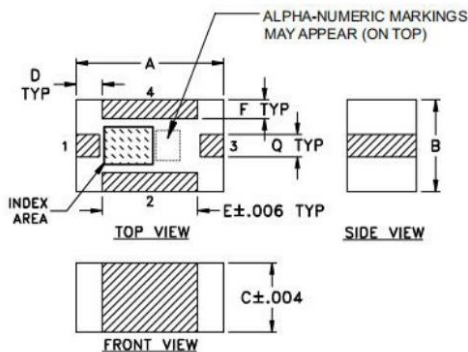
Maximum Rating

Operating Temperature	-55°C~+125°C
Storage Temperature	-55°C~+125°C
RF Input Power	0.5W max at 25°C

Pin Connections

RF Input	1
RF Output	3
Ground	2,4

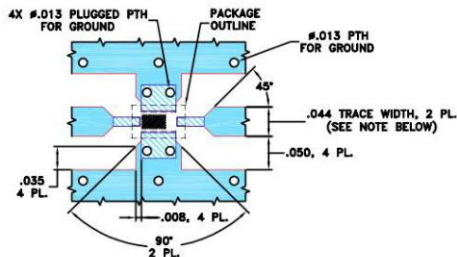
Outline Drawing



外形尺寸 (inch/mm)

A	B	C	D	E	F	Q	wt
.079	.049	.037	.014	.059	.010	.012	grams
2.01	1.24	0.94	0.36	1.50	0.25	0.30	.020

推荐PCB布局



NOTES:

- TRACE WIDTH IS 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.
 - BOTTOM SIDE OF THE PCB IS CONTINUOUS GROUND PLANE.
- DENOTES PCB COPPER LAYOUT
- DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK.

Features

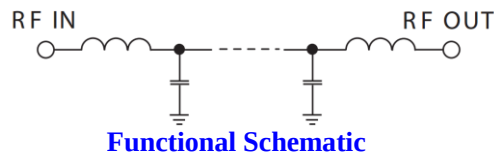
- High Performance
- Small Size
- Wide Band
- Ultra Low I.L.
- Temperature Stable
- LTCC Structure

Application

- Harmonic Rejection
- Transmitters/Receivers
- Lab Use



RoHS Compliant

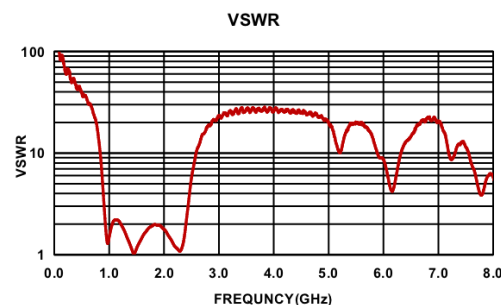
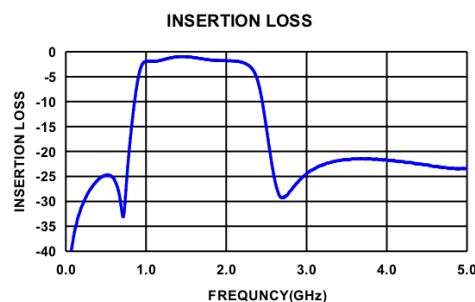


Electrical Specifications⁽¹⁾ at 25°C

Parameter	Frequency (MHz)	MIN	Typ.	MAX	Unit
Pass Band	Center Frequency	--	1575	--	MHz
	Insertion Loss	950-2200	--	1.8	3.0 dB
	VSWR	950-2200	--	2.0	-- :1
Stop Band	Rejection Loss	DC-770	20	25	-- dB
		3000-5000	20	30	-- dB

(1) Test on our Demo Board.

(2) This series of products cannot be directly used in DC circuits, If it needs to be used in DC circuits, appropriate capacitors need to be added at the input and output terminals.



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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