

1575.42 MHz GPS Bandpass Filter ¹

Key Features:

- Low Insertion Loss
- High Rejection
- Single-Ended Operation
- Ceramic SMD Package
- ESD Sensitive Device

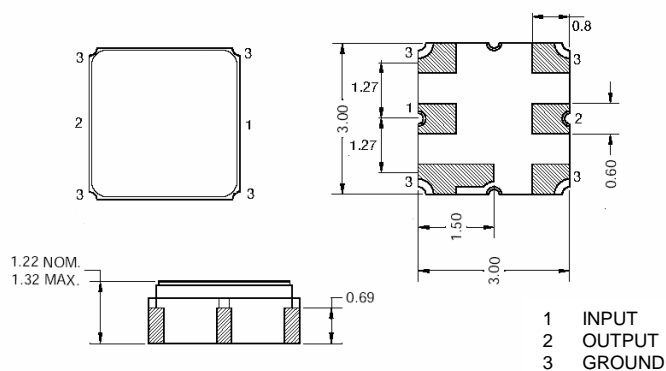
Electrical Specifications: (@+25 °C)

Parameter	Min	Nom	Max	Unit
Center Frequency		1575.42		MHz
Operating Bandwidth	1574.22		1576.62	MHz
Insertion Loss		1.5	2.5	dB
Amplitude Variation		0.2	0.5	dB
VSWR		1.3:1	2:1	
Rejection	0.3~ 700 MHz	40	45	dB
	700~1460 MHz	37	40.5	dB
	1460~1470 MHz	45	50	dB
	1470~1525 MHz	37	43	dB
	1525~1535.42 MHz	20	25	dB
	1615.42~1620 MHz	25	35	dB
	1620~1650 MHz	45	50	dB
	1650~3000 MHz	40	45	dB
Input Power			0	dBm
Temperature Range	-40		+70	°C

Notes:

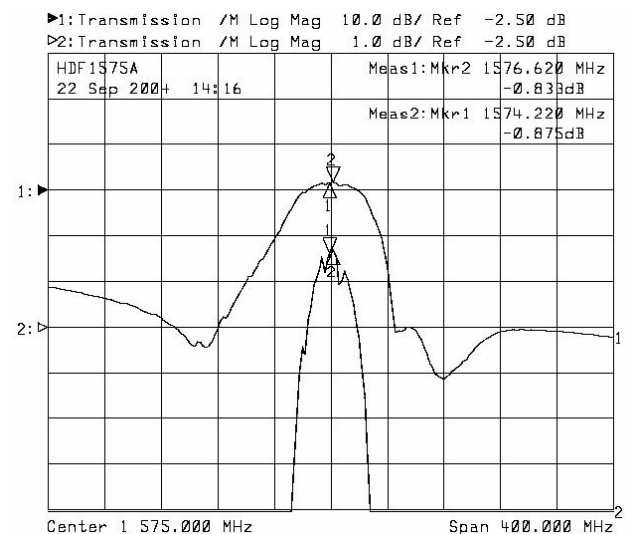
1) All rejection values are measured relative to 0dB

Mechanical Outline: (not scaled)



(Dimensions shown are nominal in millimeters)

Typical Performance (at +25 °C)



¹ Specifications are subject to change without notice.

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Ordering Information

Part Number	RSFS1575A
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