

GPS AND GLONASS SAW FILTER RSF-1582.400-31200-1411-TR

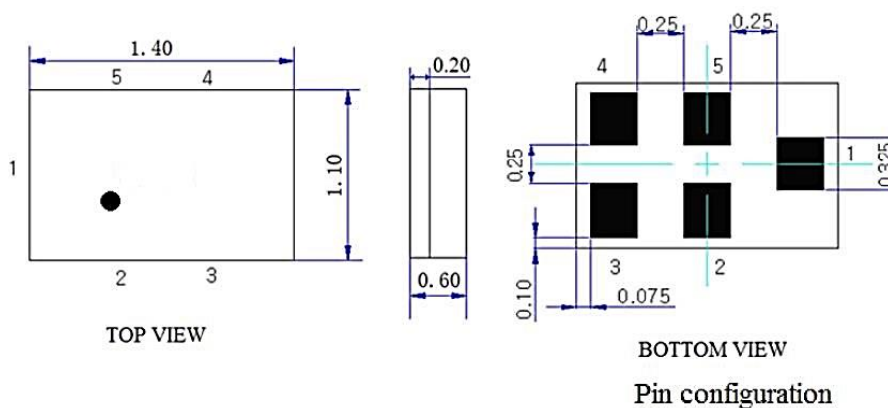
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Electrical Specifications

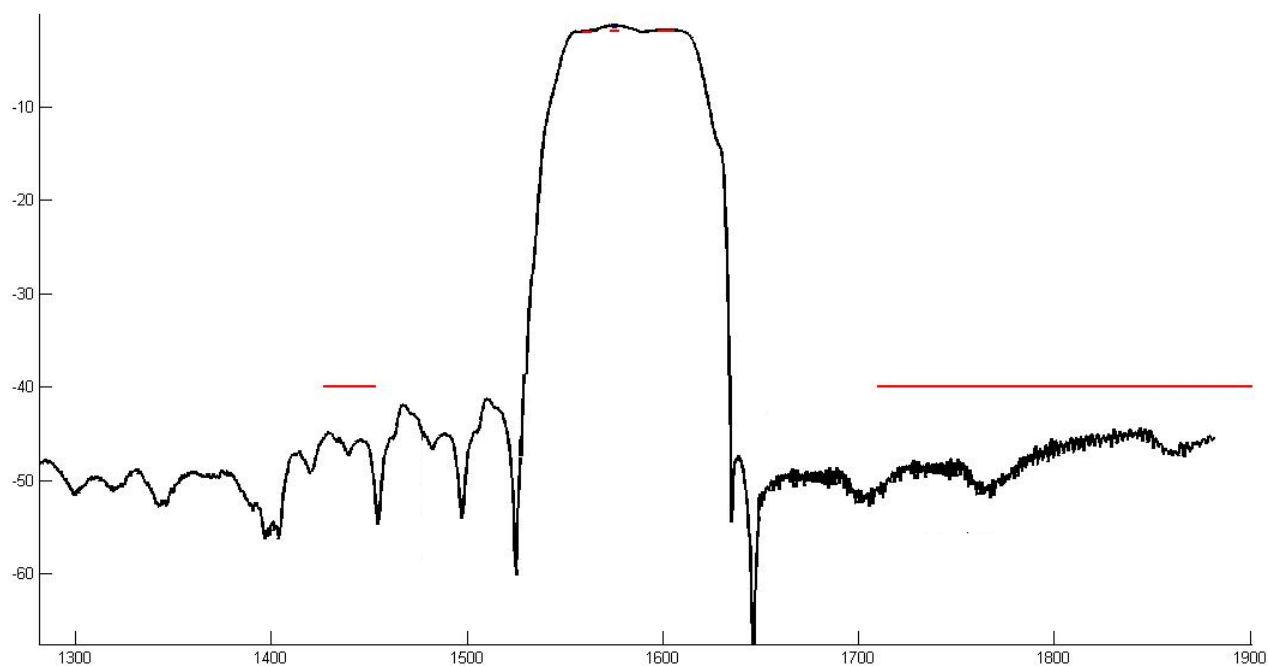
Parameters		Value	Unit
Center Frequency (Fo)		1582.400	MHz
Insertion Loss, typ/max	1574.42 ~ 1576.42 MHz	1.3 / 1.5	dB
	1559.05 ~ 1563.15 MHz	1.8 / 2.0	dB
	1573.37 ~ 1577.47 MHz	1.5 / 2.0	dB
	1597.78 ~ 1605.66 MHz	1.8 / 2.0	dB
VSWR, min/typ	1574.42 ~ 1576.42 MHz	1.2 / 2.0	-
	1559.05 ~ 1563.15 MHz	1.6 / 2.0	-
	1573.37 ~ 1577.47 MHz	1.4 / 2.0	-
	1597.78 ~ 1605.66 MHz	1.6 / 2.0	-
Group Delay Ripple, typ/max 1597.78 ~ 1605.66 MHz		4 / 12	ns
Attenuation, min/typ	10 ~ 824 MHz	-47 / -51	dB
	824 ~ 925 MHz	-47 / -51	dB
	1427 ~ 1453 MHz	-40 / -45	dB
	1710 ~ 1785 MHz	-40 / -45	dB
	1850 ~ 1910 MHz	-40 / -44	dB
	1920 ~ 1980 MHz	-39 / -44	dB
	2400 ~ 2500 MHz	-43 / -45	dB
	2500 ~ 2570 MHz	-37 / -42	dB
	2600 ~ 3000 MHz	-30 / -38	dB
	4900 ~ 5850 MHz	-15 / -24	dB
DC Voltage		5	V
In/Out Impedance		50	Ω
Input Power, max (2000h)		15	dBm
Operating Temperature Range		-30 to +85	°C
Storage Temperature Range		-40 to +85	°C

Note: Parameters at 25°C

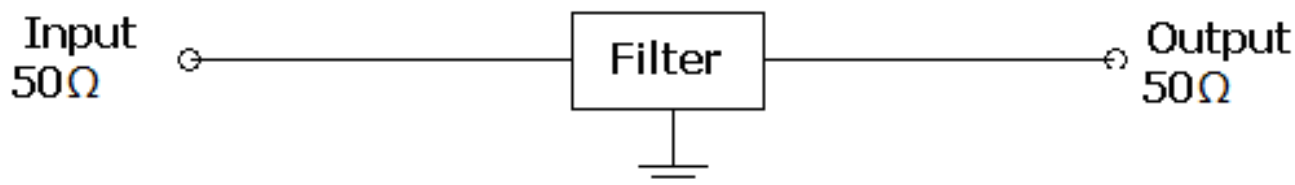
Dimension



Frequency Characteristics



Test Circuit



Environmental

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	2
TERMINATION FINISH	Au
REACH – SVHC	Compliant
RoHS	Compliant
PACKAGING	TAPE & REEL



APPROVAL

DRAWN BY	LP, June 14, 2016
APPROVED BY	CP, June 14, 2016
REVISION	A, Initial Release
	B, AR, February 15, 2019 Updated the Dimension.
	E, ZZ, August 10, 2021 Updated the Test Circuit