

Electrical Specification

LOW FREQUENCY FILTER L5

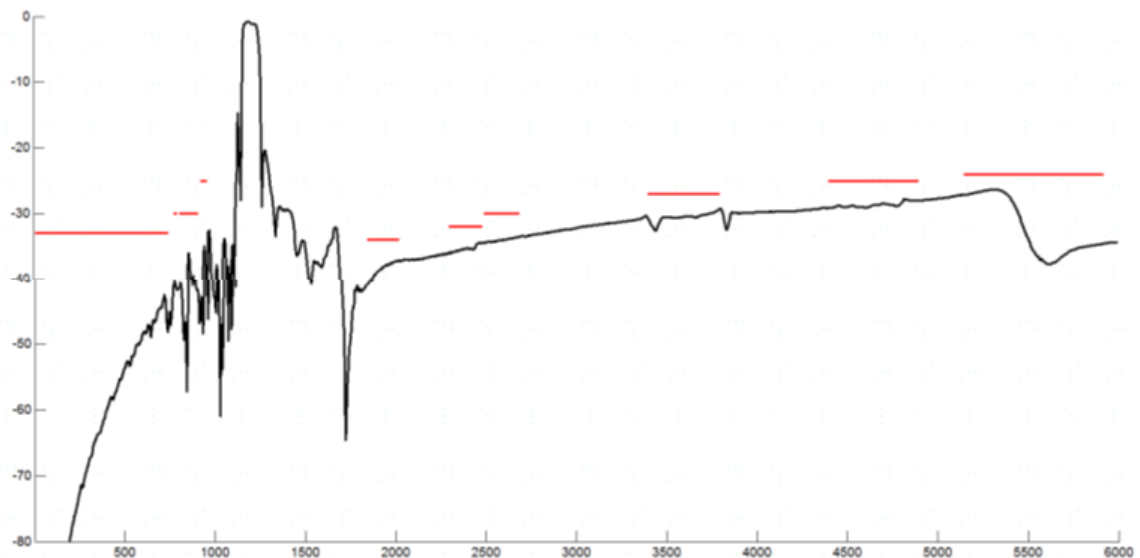
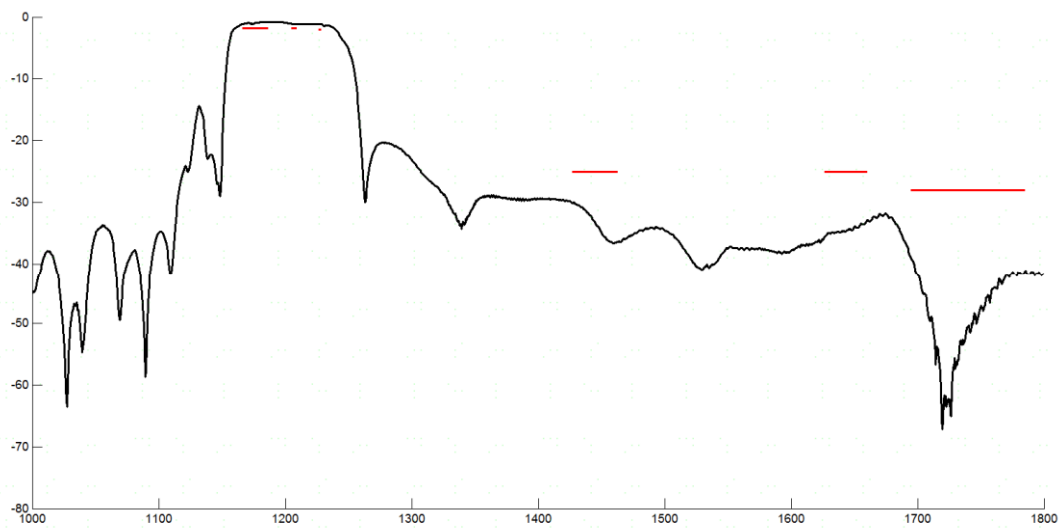
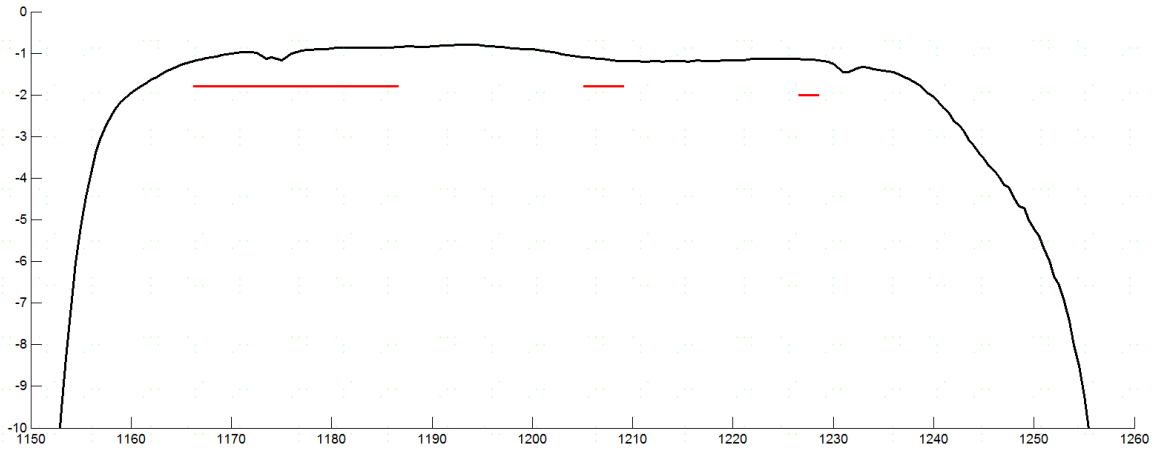
Parameters		Value	Unit
Insertion Loss, typ/max	1166.220 ~ 1186.680 MHz	1.2 / 1.8	dB
	1205.090 ~ 1209.190 MHz	1.2 / 1.8	dB
	1226.580 ~ 1228.620 MHz	1.2 / 2.0	dB
Pass Band Ripple, typ/max	1166.220 ~ 1228.620 MHz	0.5 / 1.0	dB
Group Delay Ripple, typ/max	1166.220 ~ 1228.620 MHz	10 / 25	ns
VSWR, typ/max	1166.220 ~ 1228.620 MHz	1.5 / 2.0	-
Attenuation, min/typ	DC ~ 748.000 MHz	-33 / -40	dB
	777.000 ~ 798.000 MHz	-30 / -40	dB
	807.000 ~ 915.000 MHz	-30 / -36	dB
	925.000 ~ 960.000 MHz	-25 / -32	dB
	1427.000 ~ 1463.000 MHz	-25 / -30	dB
	1626.500 ~ 1660.500 MHz	-25 / -33	dB
	1695.000 ~ 1785.000 MHz	-28 / -36	dB
	1850.000 ~ 2025.000 MHz	-34 / -37	dB
	2300.000 ~ 2400.000 MHz	-32 / -36	dB
	2400.000 ~ 2483.000 MHz	-32 / -35	dB
	2496.000 ~ 2690.000 MHz	-30 / -33	dB
	3400.000 ~ 3800.000 MHz	-27 / -30	dB
	4400.000 ~ 4900.000 MHz	-25 / -28	dB
5150.000 ~ 5925.000 MHz	-24 / -27	dB	
Input Power, max	@ 50°C, CW 5000h	15	dBm
DC Voltage, max		5	V DC
Operating Temperature Range		-30 ~ +85	°C
Storage Temperature Range		-40 ~ +85	°C
ESD Voltage Sensitive Discharge Device	ESD(MM)	50	VDC
	ESD(HBM)	175	VDC

HIGH FREQUENCY FILTER L1

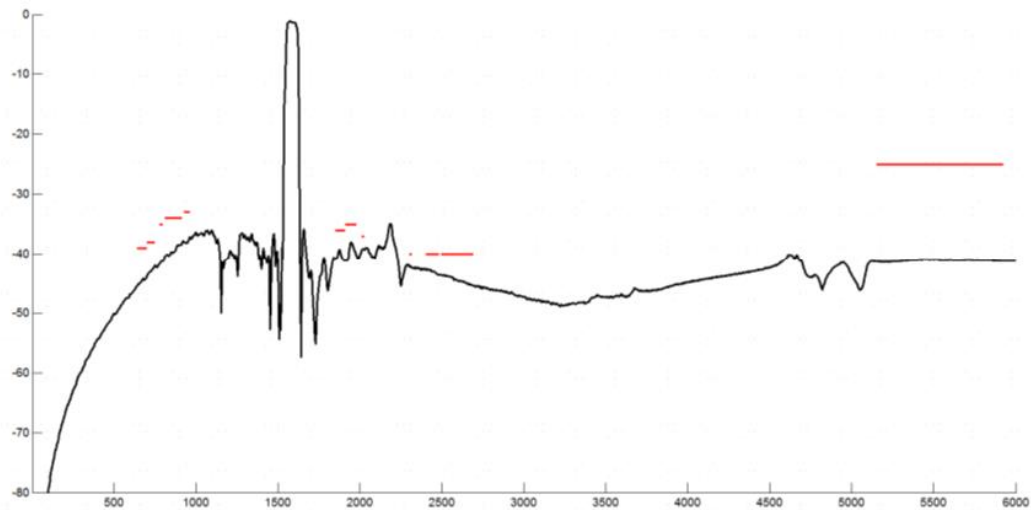
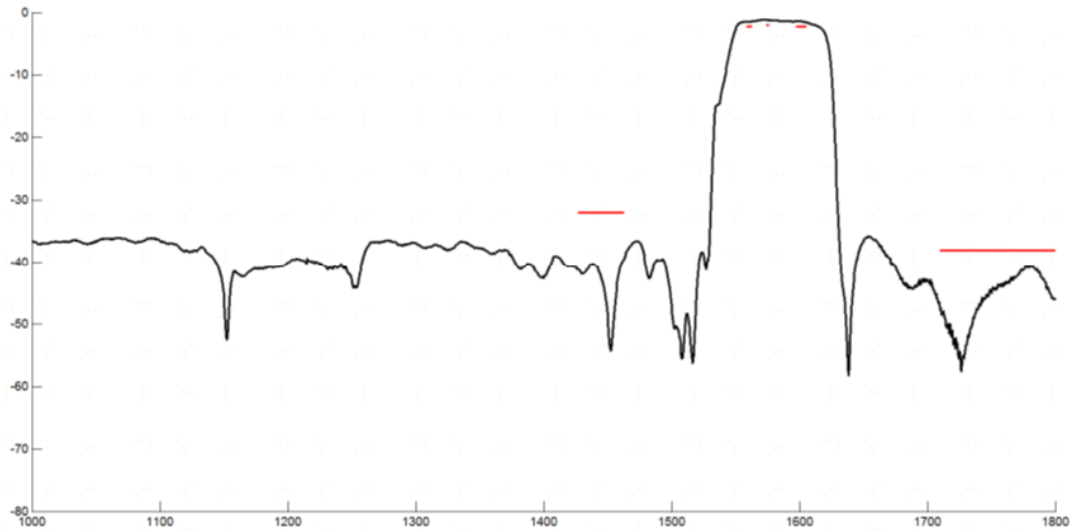
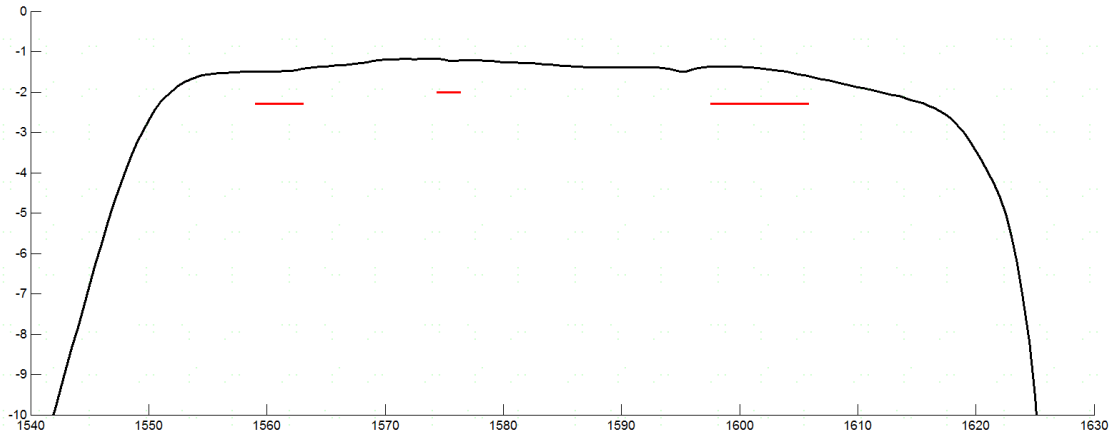
Parameters		Value	Unit
Insertion Loss, typ/max	1574.390 ~ 1576.450 MHz	1.2 / 2.0	dB
	1559.050 ~ 1563.150 MHz	1.5 / 2.3	dB
	1597.550 ~ 1605.890 MHz	1.6 / 2.3	dB
Pass Band Ripple, typ/max	1559.050 ~ 1605.890 MHz	0.5 / 1.0	dB
Group Delay Ripple,typ/max	1559.050 ~ 1605.890 MHz	7 / 20	ns
VSWR, typ/max	1559.050 ~ 1605.890 MHz	1.6 / 2.1	dB
Attenuation, min/typ	638.000 ~ 698.000 MHz	-39 / -44	dB
	698.000 ~ 748.000 MHz	-38 / -42	dB
	777.000 ~ 798.000 MHz	-35 / -41	dB
	807.000 ~ 915.000 MHz	-34 / -38	dB
	925.000 ~ 960.000 MHz	-33 / -37	dB
	1427.000 ~ 1463.000 MHz	-32 / -37	dB
	1710.000 ~ 1800.000 MHz	-38 / -41	dB
	1850.000 ~ 1910.000 MHz	-36 / -39	dB
	1910.000 ~ 1980.000 MHz	-35 / -38	dB
	2010.000 ~ 2025.000 MHz	-37 / -40	dB
	2300.000 ~ 2315.000 MHz	-40 / -43	dB
	2401.000 ~ 2483.000 MHz	-40 / -43	dB
	2496.000 ~ 2690.000 MHz	-40 / -44	dB
	5150.000 ~ 5925.000 MHz	-25 / -41	dB
Input Power, max	@ 50°C, CW 5000h	15	dBm
DC Voltage, max		5	V DC
Operating Temperature Range		-30 ~ +85	°C
Storage Temperature Range		-40 ~ +85	°C
ESD Voltage Sensitive Discharge Device	ESD(MM)	50	VDC
	ESD(HBM)	175	VDC

Frequency Characteristics

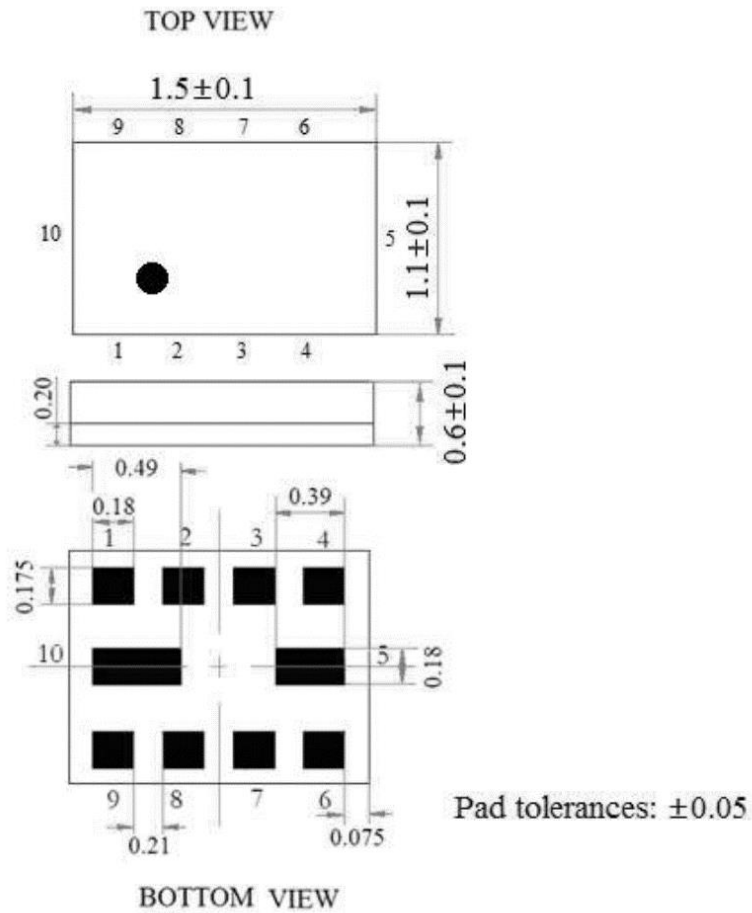
LOW FREQUENCY FILTER L5



HIGH FREQUENCY FILTER L1

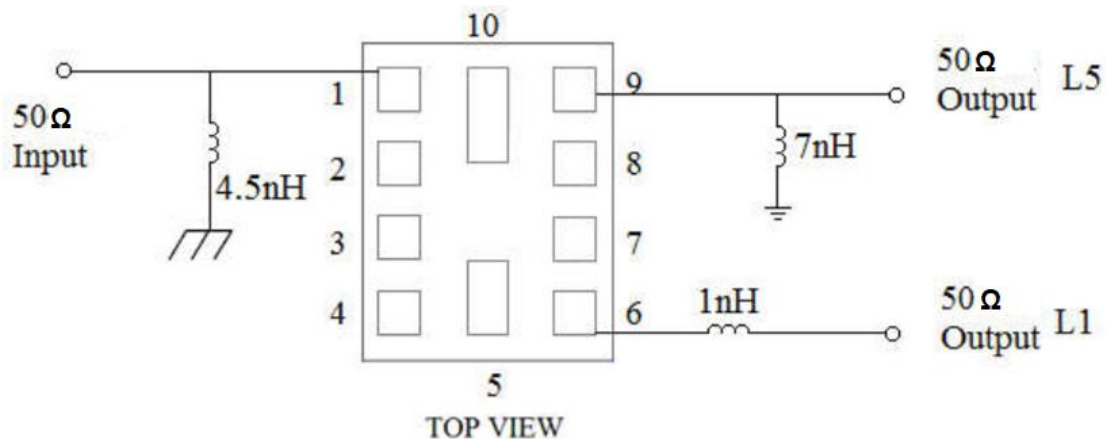


Dimension



Unit: mm

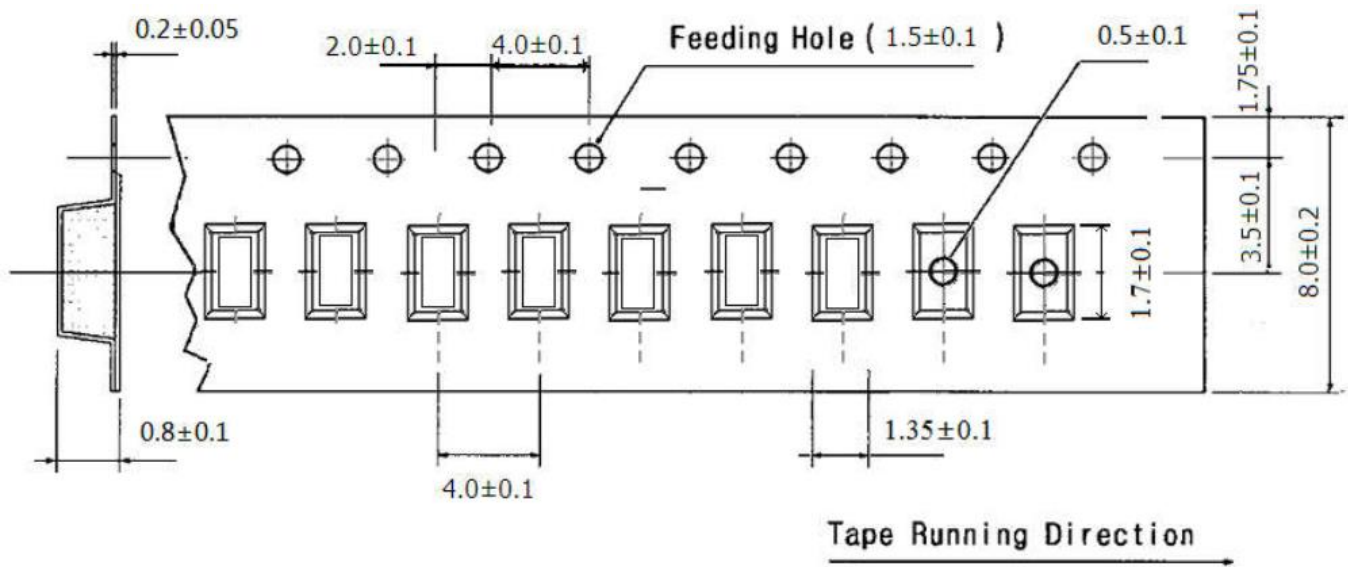
Test Circuit



Environmental

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	2
REACH – SVHC	Compliant
RoHS	Compliant

Tape Dimension



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