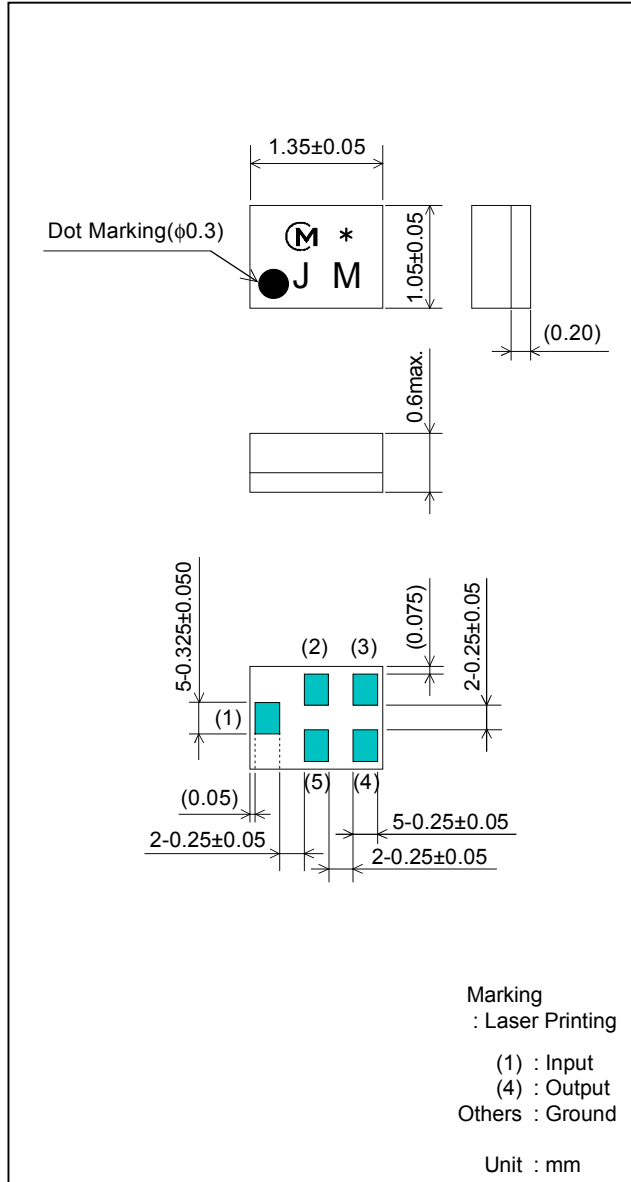


SAW FILTER FOR GPS RF

Murata part number : SAFEB1G57KC0F55

Package Dimensions



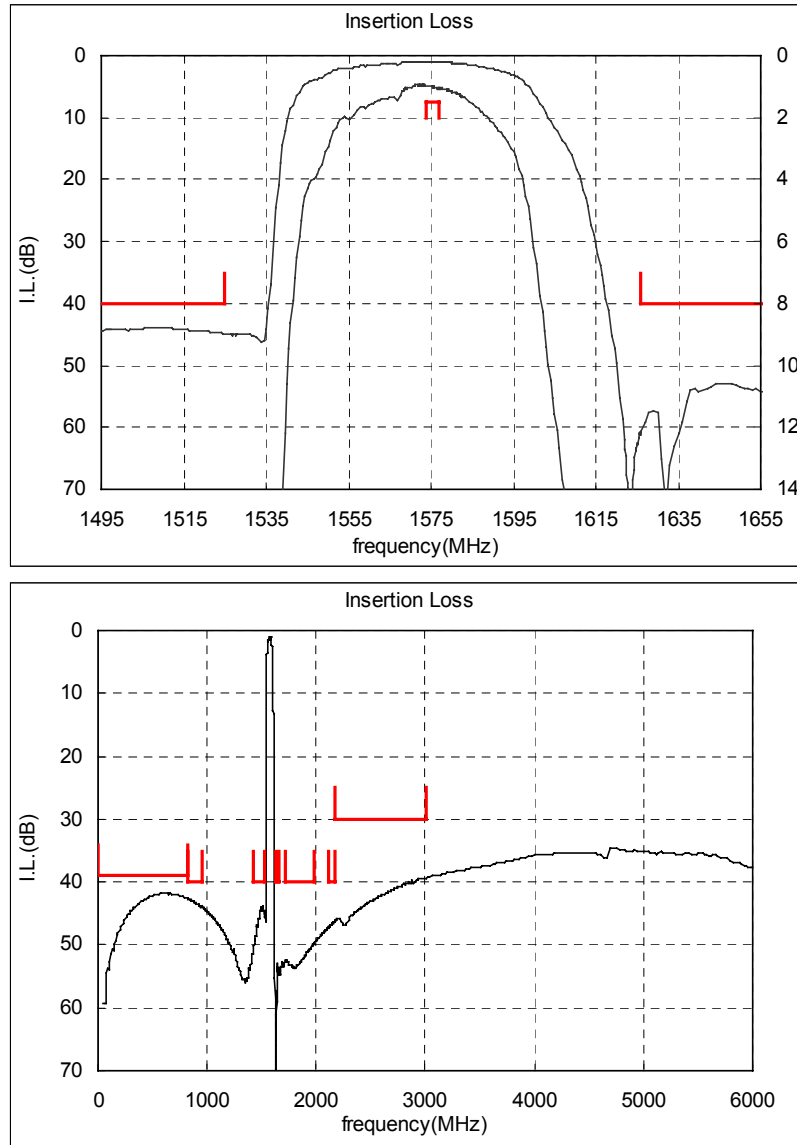
Specification

Item	Specification		
	-30 to 85°C	25±2°C	typ.
Nominal Center Frequency(fc)	1575.5MHz		
Insertion Loss (1574 to 1577MHz)	1.5 dB max.	1.4 dB max.	1.1 dB
Absolute Attenuation			
1) 0.1 to 824 MHz	39 dB min.	39 dB min.	42 dB
2) 824 to 960 MHz	40 dB min.	40 dB min.	43 dB
3) 1429 to 1525 MHz	40 dB min.	40 dB min.	43 dB
4) 1626 to 1661 MHz	40 dB min.	40 dB min.	43 dB
5) 1710 to 1980 MHz	40 dB min.	40 dB min.	52 dB
6) 2110 to 2170 MHz	40 dB min.	40 dB min.	44 dB
7) 2170 to 3000 MHz	30 dB min.	30 dB min.	39 dB
Ripple Deviation (1574 to 1577MHz)	0.6 dB max.	0.5 dB max.	0.1 dB
VSWR (1574 to 1577MHz)	1.6 max.	1.5 max.	1.1
Input/Output Impedance (nominal)	50Ω		
Input Signal Level	20mW (+13dBm), 2000 hours		

SAW FILTER FOR GPS RF

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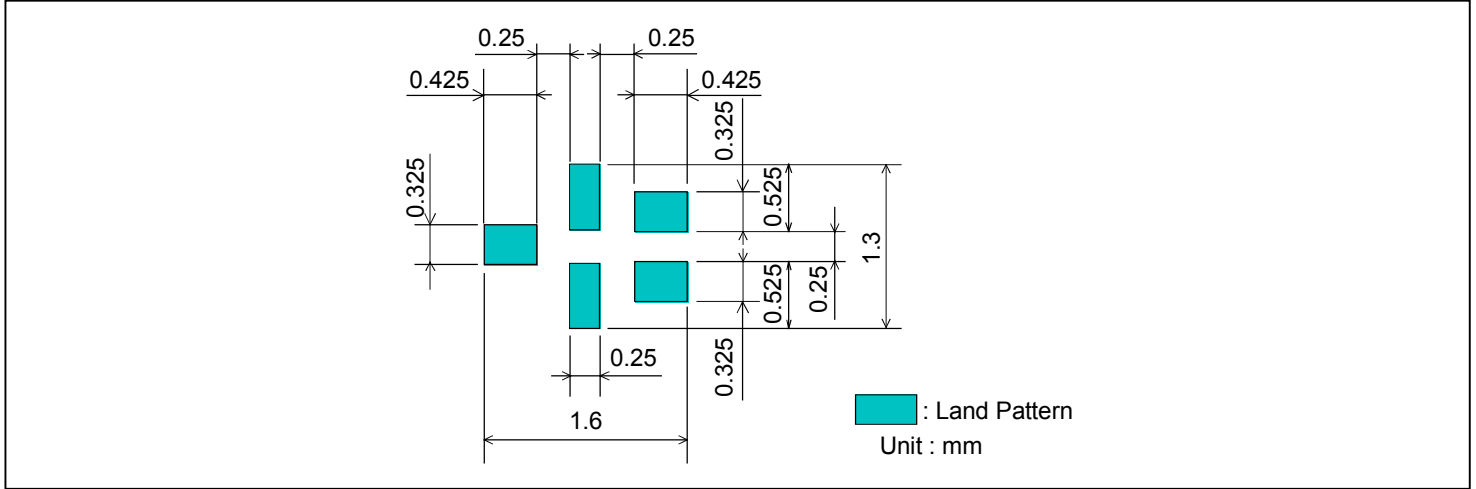
■ Frequency Performance



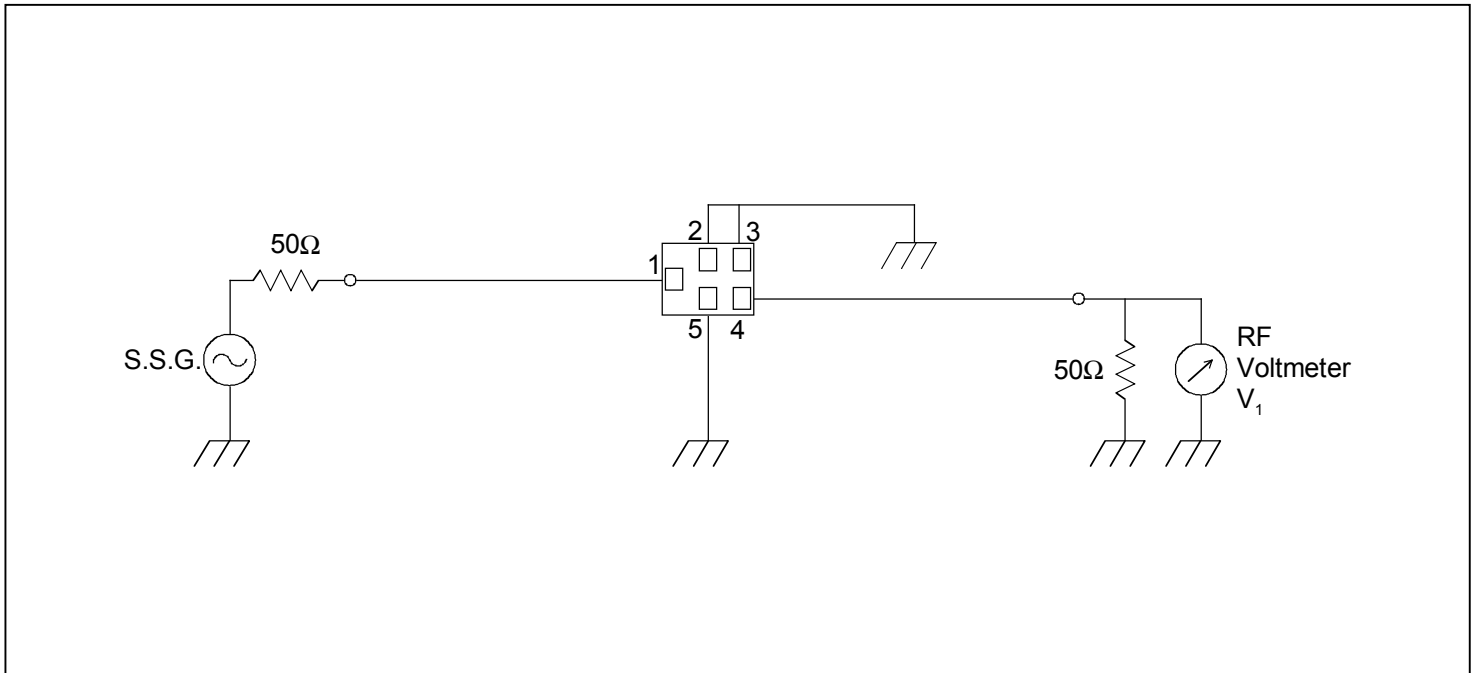
SAW FILTER FOR GPS RF

Murata part number : SAFEB1G57KC0F55

Recommended Land Pattern



Test Circuit



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