

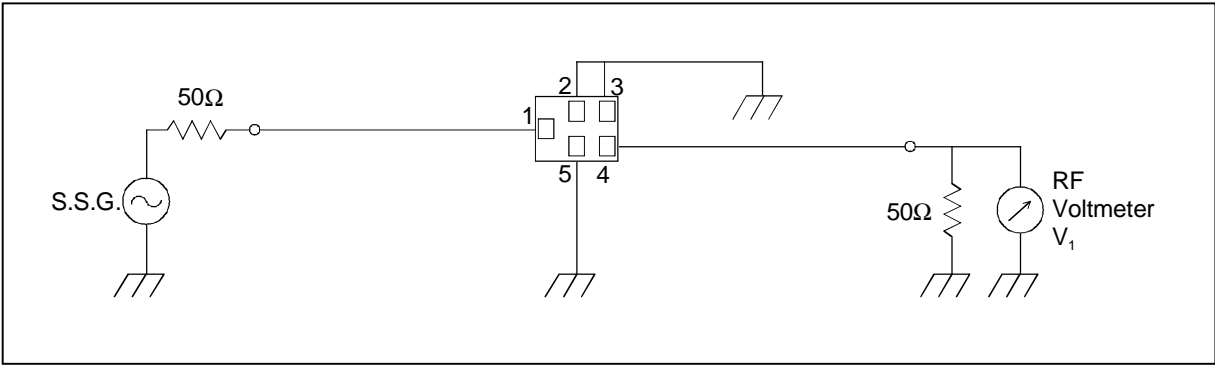
SAW FILTER FOR GPS RF

Murata part number : SAFEB1G57KA0F00

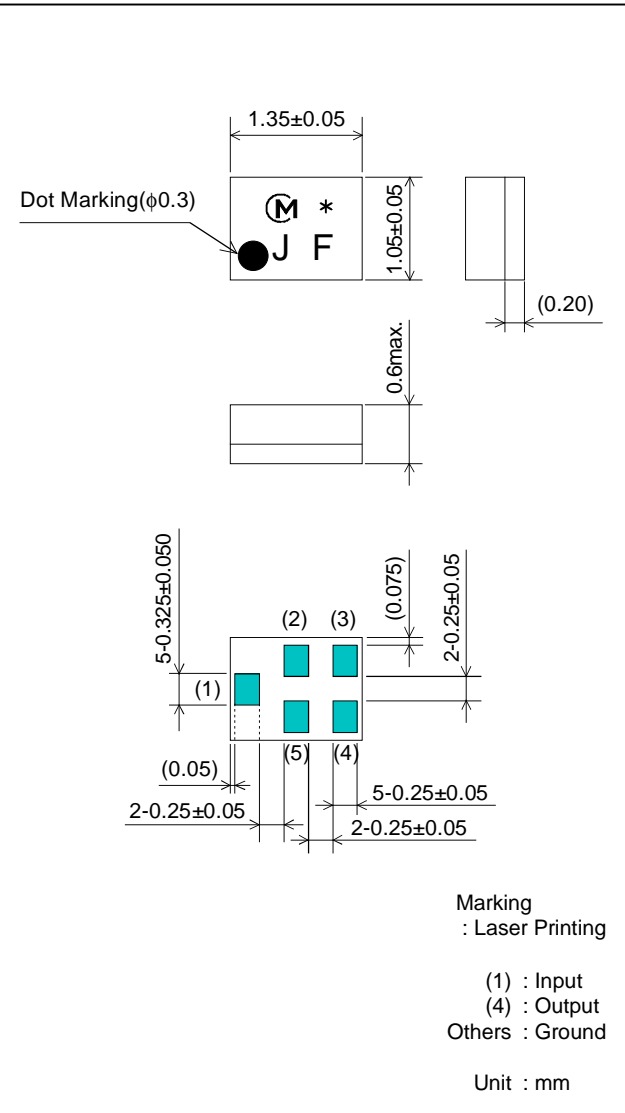
Feature

1. Ultra Small SMD package (1.35x1.05mm package)
2. Low Insertion Loss (1.5 dB max.)
3. High Selectivity (at fo ±50MHz ; 28 dB min.)

Test Circuit



Package Dimensions



Specification

Item	Specification	
	-30 to +85°C	typ.
Nominal Center Frequency(fc)	1575.5 MHz	
Insertion Loss (1574 to 1577 MHz)	1.5 dB max.	1.2 dB
Absolute Attenuation		
1) 0.1 to 960 MHz	30 dB min.	35 dB
2) 1350 to 1360 MHz	28 dB min.	32 dB
3) 1429 to 1525 MHz	28 dB min.	32 dB
4) 1626 to 1661 MHz	30 dB min.	38 dB
5) 1850 to 1910 MHz	28 dB min.	33 dB
6) 1920 to 1980 MHz	28 dB min.	32 dB
7) 2110 to 2170 MHz	27 dB min.	31 dB
8) 2400 to 2500 MHz	28 dB min.	32 dB
Ripple Deviation (1574 to 1577 MHz)	0.6 dB max.	0.1 dB
VSWR (1574 to 1577 MHz)	1.8 max.	1.1
Input/Output Impedance (nominal)	50Ω	

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Frequency Performance

