

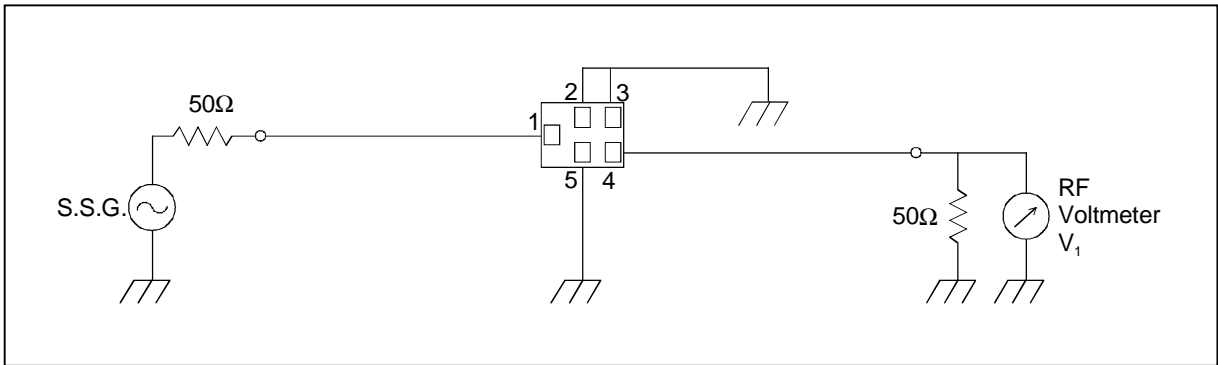
SAW FILTER FOR GSM900 (Tx)

Murata part number : SAFEB897MAL0F00

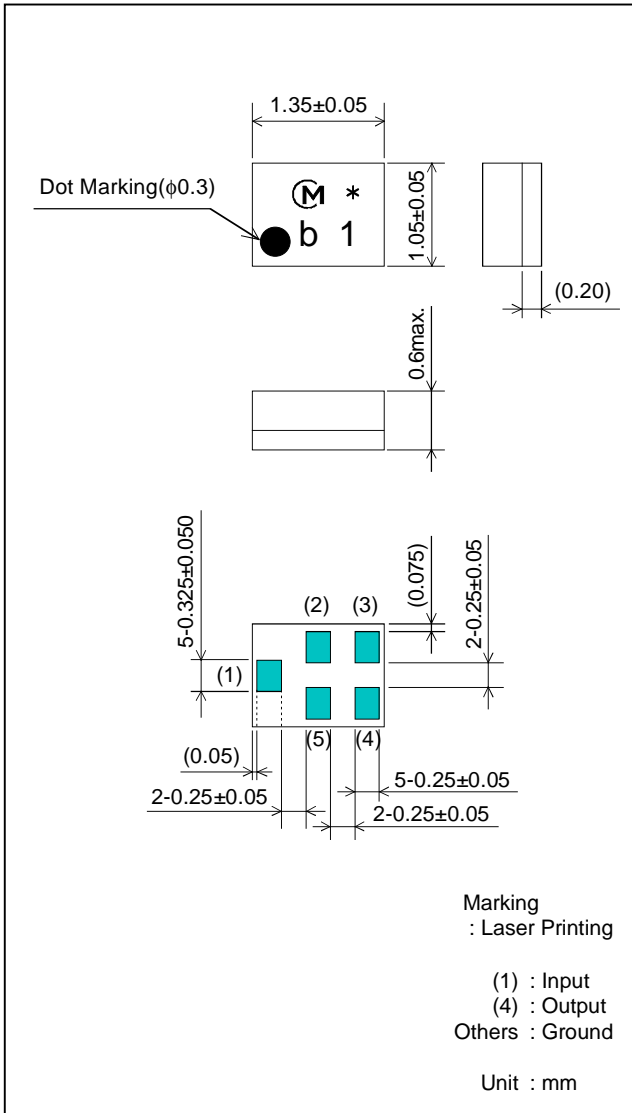
Feature

1. Low Insertion Loss (3.0 dB max.)
2. High Attenuation (at 925 to 935 MHz ; 11 dB min.)
3. Ultra Small SMD package (1.35x1.05mm package)

Test Circuit



Package Dimensions



Specification

Item	Specification		
	-10 to 80°C	25±2°C	typ.
Nominal Center Frequency(fc)	897.5MHz		
Insertion Loss (880 to 915MHz)	3.0 dB max.	2.5 dB max.	2.3 dB
Absolute Attenuation			
1) 0.1 to 860 MHz	35 dB min.	35 dB min.	42 dB
2) 860 to 870 MHz	25 dB min.	25 dB min.	28 dB
3) 925 to 935 MHz	11 dB min.	14 dB min.	17 dB
4) 935 to 960 MHz	25 dB min.	25 dB min.	33 dB
5) 1760 to 1830 MHz	35 dB min.	35 dB min.	53 dB
6) 2640 to 2745 MHz	30 dB min.	30 dB min.	45 dB
Ripple Deviation (880 to 915MHz)	1.7 dB max.	1.4 dB max.	0.9 dB
VSWR (880 to 915MHz)	2.1 max.	2.0 max.	1.8
Input/Output Impedance (nominal)	50Ω		

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Frequency Performance

