

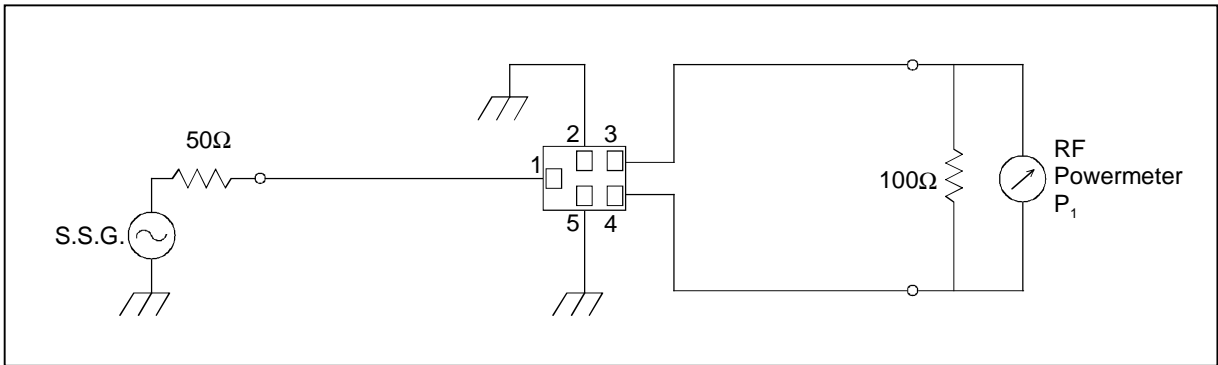
SAW FILTER FOR US-PCS (Rx)

Murata part number : SAFEB1G96FL0F00

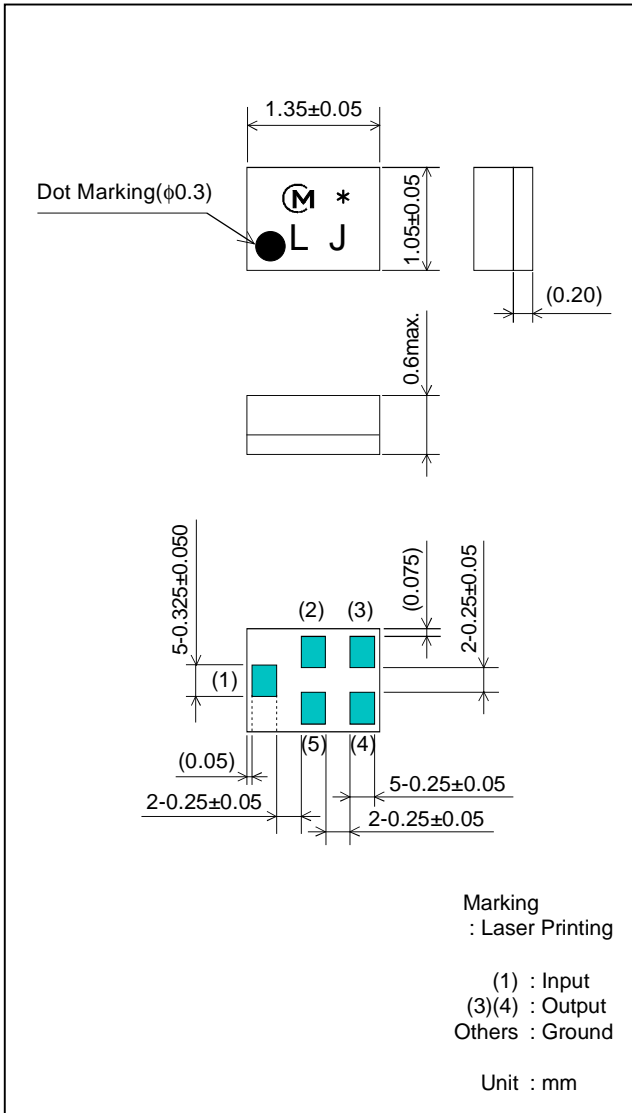
Feature

1. Balance type (50Ω//100Ω)
2. No Need Matching Inductance
3. High Selectivity (at 1850 to 1910 MHz ; 23 dB min.)

Test Circuit



Package Dimensions



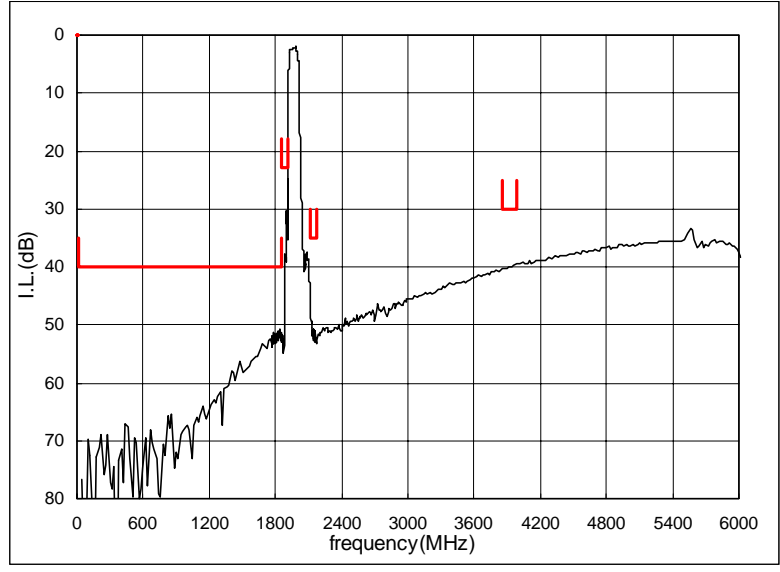
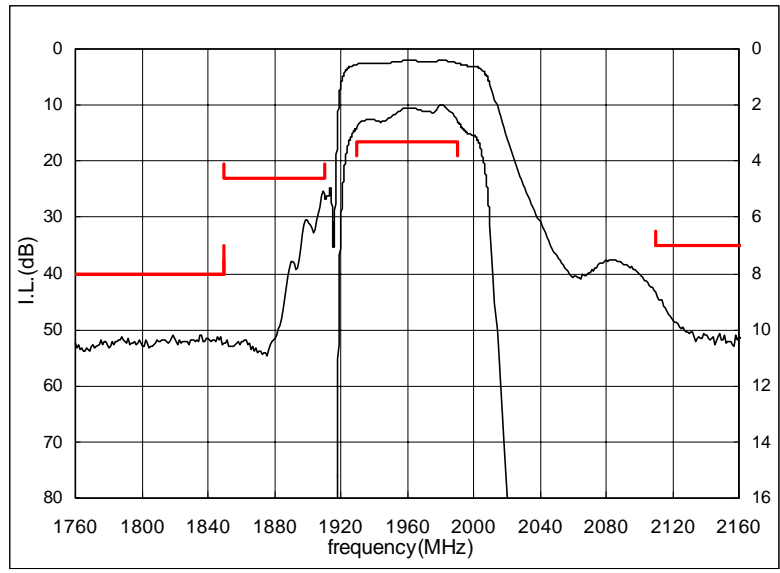
Specification

Item	Specification		
	-30 to 85°C	25±2°C	typ.
Nominal Center Frequency(fc)	1960MHz		
Insertion Loss (1930 to 1990MHz)	3.3dB max.	3.1dB max.	2.7 dB
Absolute Attenuation			
1) 10 to 1850 MHz	40 dB min.	40 dB min.	50 dB
2) 1850 to 1910 MHz	23 dB min.	23 dB min.	25 dB
3) 2110 to 2170 MHz	35 dB min.	35 dB min.	43 dB
4) 3860 to 3980 MHz	30 dB min.	30 dB min.	40 dB
Ripple Deviation (1930 to 1990MHz)	1.8dB max.	1.5dB max.	0.8 dB
VSWR (1930 to 1990MHz)	2.4 max.	2.2 max.	1.8
Amplitude Balance (1930 to 1990MHz)	±1.0dB max.	±1.0dB max.	±0.5dB
Phase Balance (1930 to 1990MHz)	180±10deg. max.	180±10deg. max.	180±5deg.
Input Impedance (nominal)	50Ω		
Output Impedance (nominal)	100Ω		

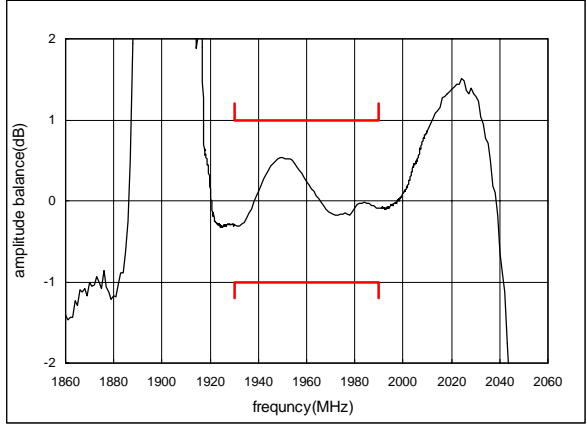
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Frequency Performance



Amplitude balance



Phase balance

