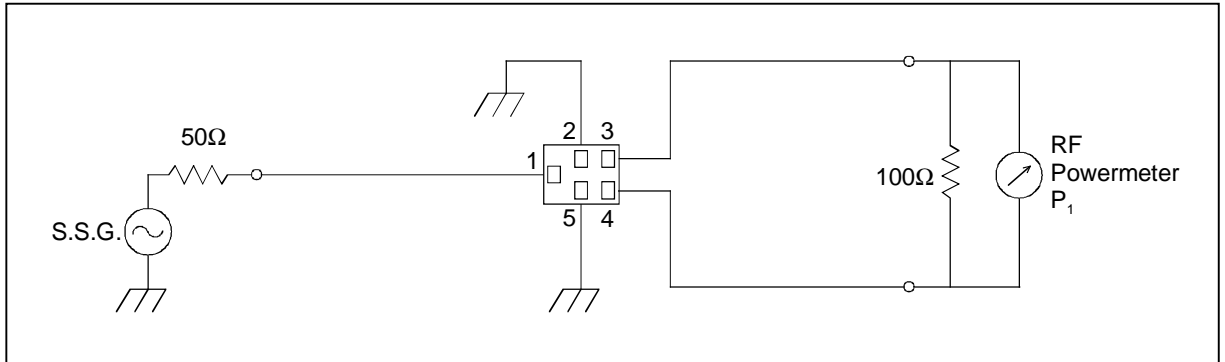


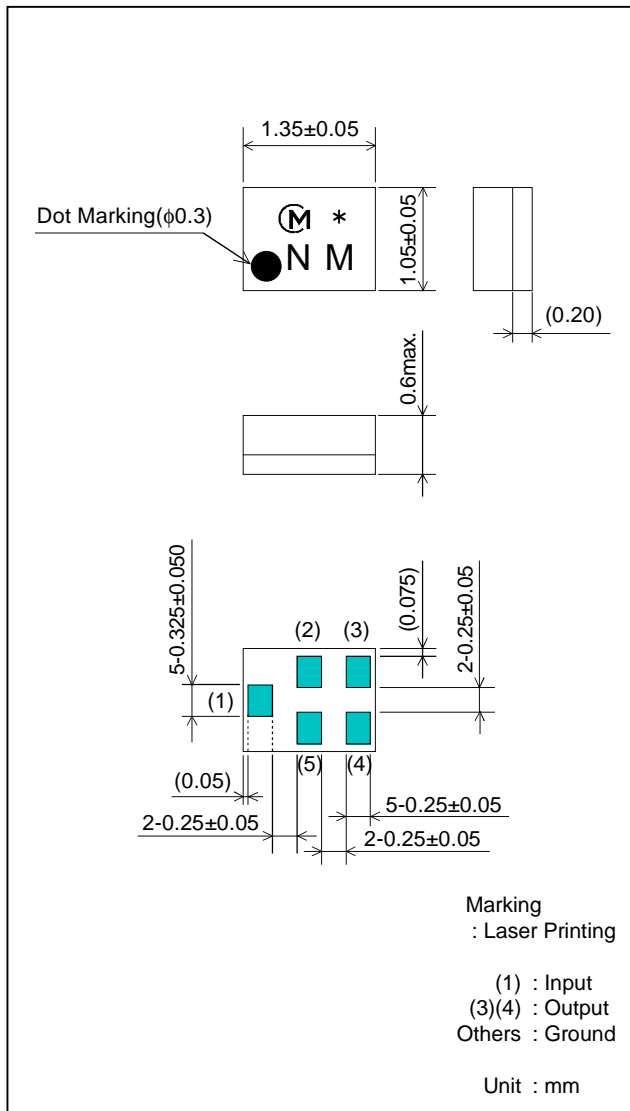
### Feature

1. Ultra Small SMD package (1.35x1.05mm package)
2. No Need Matching Inductance
3. High Attenuation (at 898 to 925 MHz ; 35 dB min.)
4. Low Insertion Loss (2.2 dB max.)

### Test Circuit



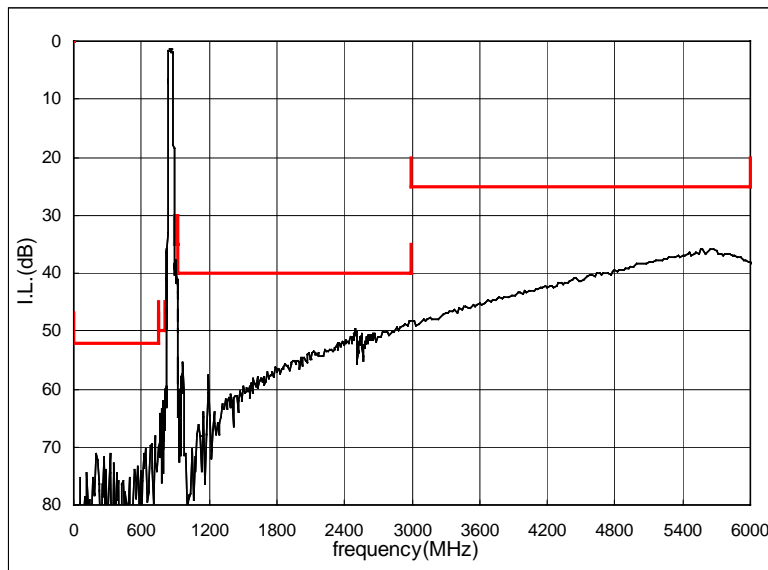
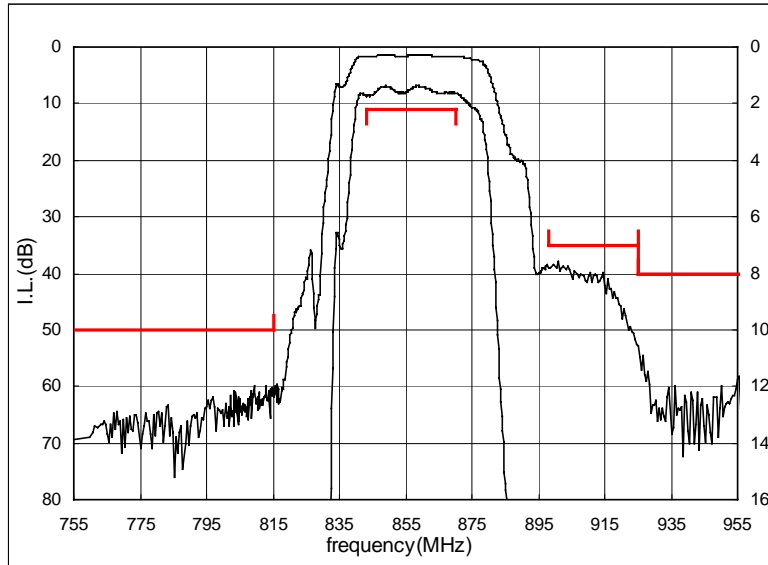
### Package Dimensions



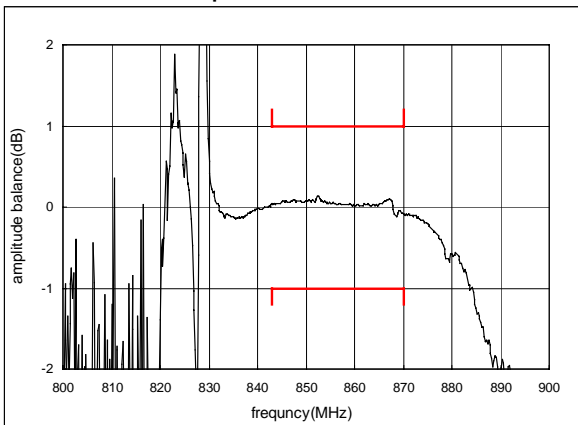
### Specification

Item	Specification	
	-30 to +85°C	typ.
Nominal Center Frequency( $f_c$ )	856.5 MHz	
Insertion Loss (843 to 870 MHz)	2.2 dB max.	1.7 dB
Absolute Attenuation		
1) 0 to 750 MHz	52 dB min.	64 dB
2) 750 to 815 MHz	50 dB min.	59 dB
3) 898 to 925 MHz	35 dB min.	38 dB
4) 925 to 3000 MHz	40 dB min.	50 dB
5) 3000 to 6000 MHz	25 dB min.	37 dB
Ripple Deviation (843 to 870 MHz)	1.2 dB max.	0.4 dB
VSWR (843 to 870 MHz)	2.0 max.	1.6
Amplitude Balance (843 to 870 MHz)	$\pm 1.0$ dB max.	$\pm 0.2$ dB
Phase Balance (843 to 870 MHz)	$180 \pm 10$ deg. max.	$180 \pm 1.2$ deg.
Input Impedance (nominal)	50 $\Omega$	
Output Impedance (nominal)	100 $\Omega$	

## Frequency Performance



Amplitude balance



Phase balance

