

# EMI/EMC Filter

## 2 Line, 2 Stage Power Filter



### Features

- 2 line, 2 stage filter
- Easy connection and installation
- Excellent filtering characteristics for both differential mode and common mode

### Applications

- Use in medical, industrial equipment, gaming, other ground-current-sensitive applications
- For equipment requiring very high noise attenuation
- Measuring and testing instruments

Part Number	Rated Voltage	Rated Current	Leakage Current Max [at 250 V, 60Hz] [mA]	Temperature Rise [°C]	Operating Temperature [°C]
62-MTB-060-5-21	250(50/60Hz)	06	0.5	45	-40~+85 including temperature rise
62-MTB-100-5-21		10			
62-MTB-160-5-21		16			
62-MTB-200-5-21		20			
62-MTB-300-5-21		30			
62-MTB-060-4-21		06	0.1		
62-MTB-100-4-21		10			
62-MTB-160-4-21		16			
62-MTB-200-4-21		20			
62-MTB-300-4-21		30			

\*Many variations in X and Y capacitor value are available with approvals. For the details, consult with a local agent.

Note:

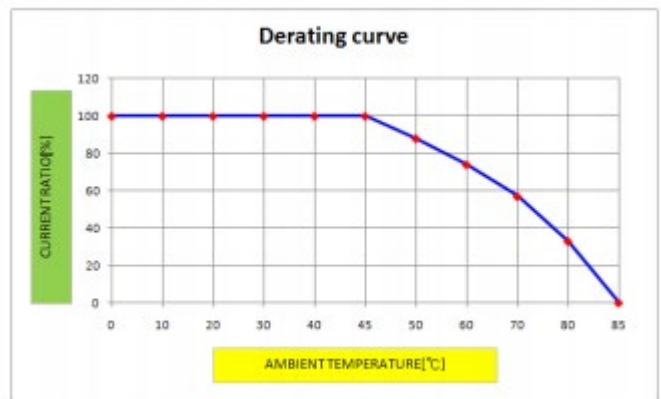
Storage Temperature Range: -25°C to +60°C

Withstand Voltage:

4000V AC or 1500V for 1 minute between line and ground  
 (62-MTB-\*\*\*-4-21: 4000VAC, 62-MTB-\*\*\*-5-21: 1500VAC)  
 1800V DC for 1 minute between line and line (Without Resistor)

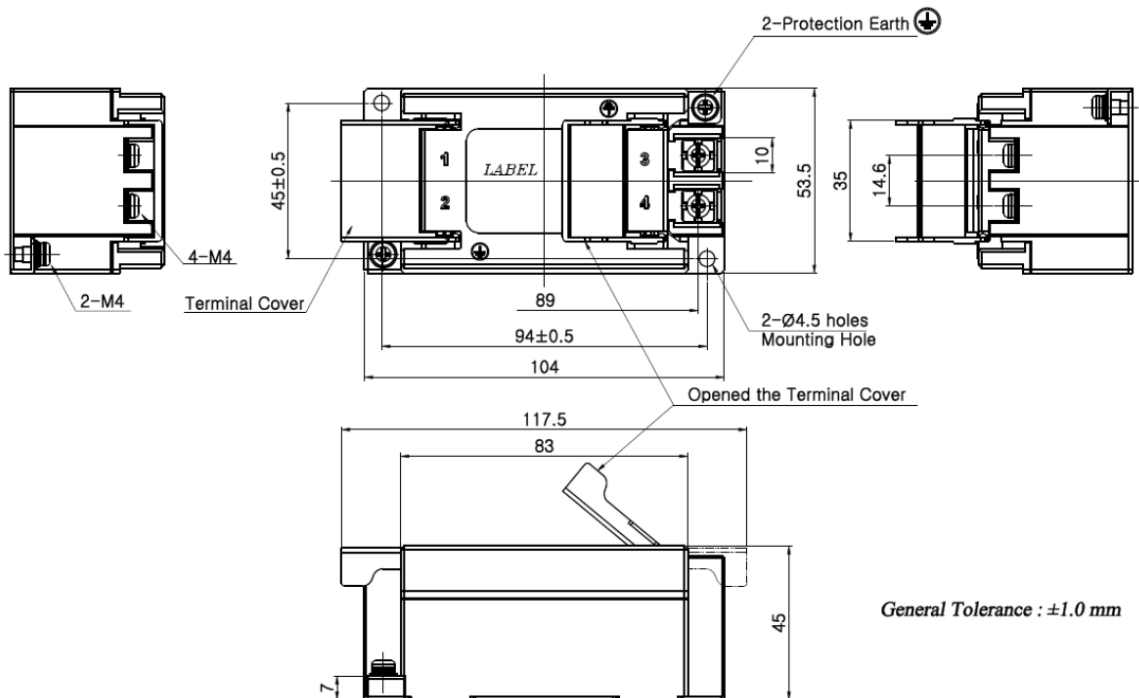
Insulation Resistance

300MΩ minimum at 500V DC between line and ground





Model/Freq.	Common mode [MHz]							Normal mode [MHz]						
	0.15	0.45	1	2	5	10	30	0.15	0.45	1	2	5	10	30
-060-5-21	55	60	55	49	41	35	30	60	78	78	72	69	60	51
-100-5-21	52	70	60	56	50	42	39	52	75	80	75	70	61	59
-160-5-21	35	52	60	50	45	39	30	42	70	80	78	70	62	60
-200-5-21	25	45	58	55	49	40	31	35	62	76	70	70	70	60
-300-5-21	5	21	31	39	45	45	30	19	38	78	70	60	58	55
-060-4-21	50	66	60	58	50	42	37	60	82	78	70	62	58	52
-100-4-21	39	61	60	52	58	40	38	55	69	78	78	69	60	59
-160-4-21	15	38	48	49	41	35	28	41	80	78	72	67	69	58
-200-4-21	12	28	38	40	40	35	29	32	72	78	70	61	60	58
-300-4-21	8	11	19	22	28	31	38	20	40	79	70	61	58	50

**Shapes and Dimensions**



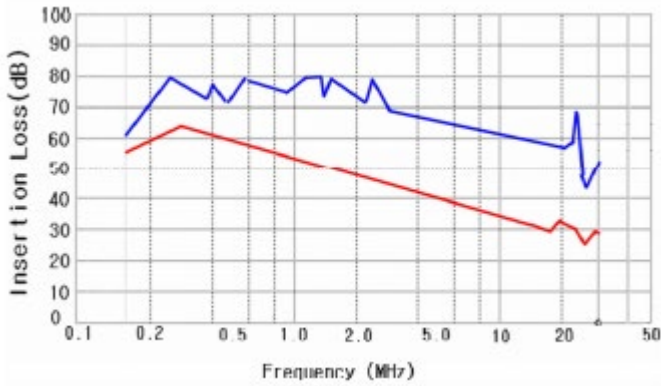
**Attenuation Characteristics**

Common Mode (  )

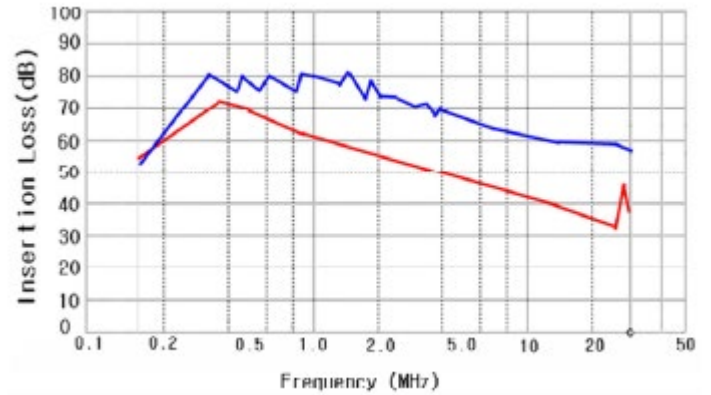
Normal Mode (  )

**-5-21Series**

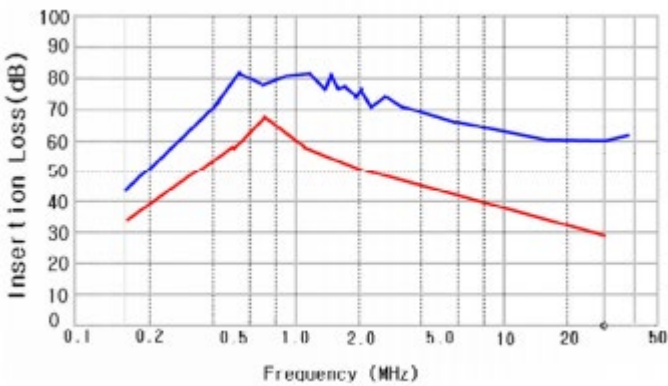
**62-MTB-060-5-21**



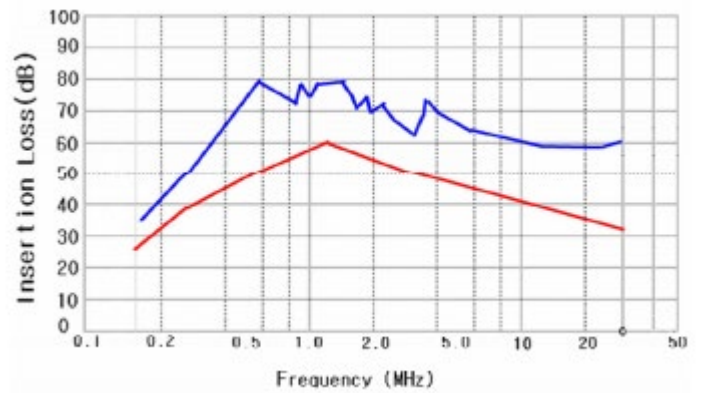
**62-MTB-100-5-21**



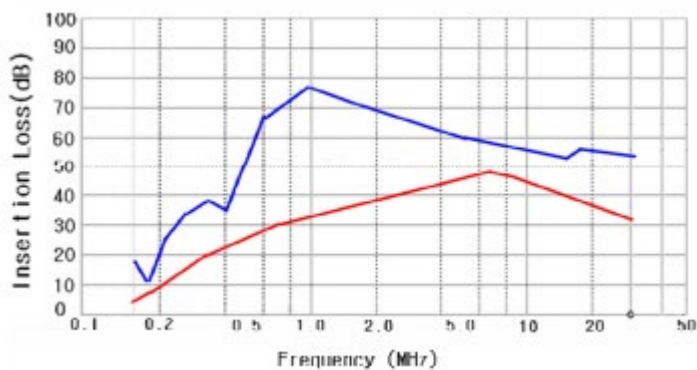
**62-MTB-160-5-21**




**62-MTB-200-5-21**




**62-MTB-300-5-21**



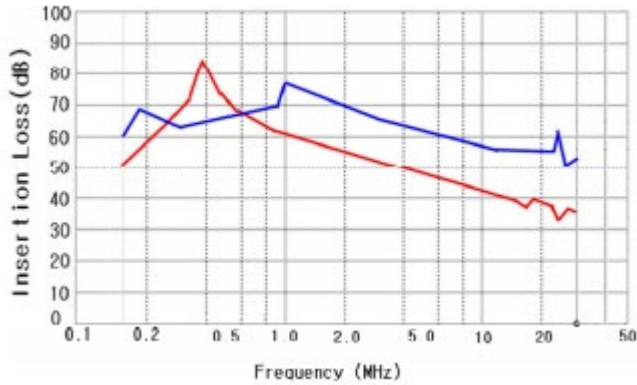
**Attenuation Characteristics**

Common Mode (  )

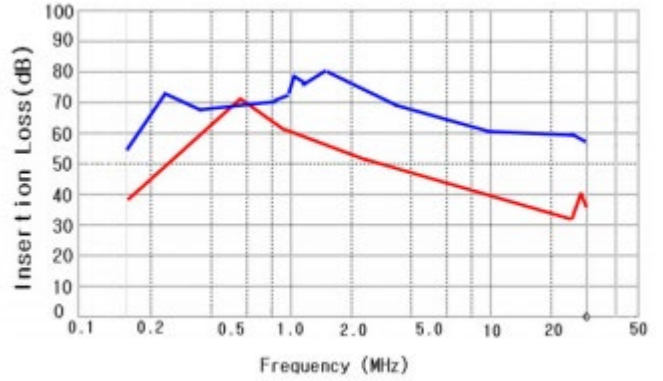
Normal Mode (  )

**-4-21Series**

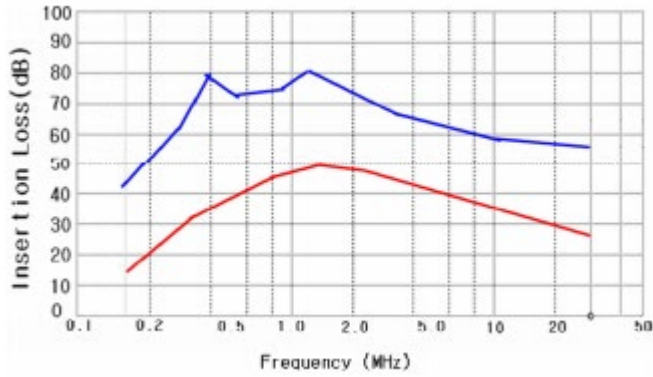
**62-MTB-060-4-21**



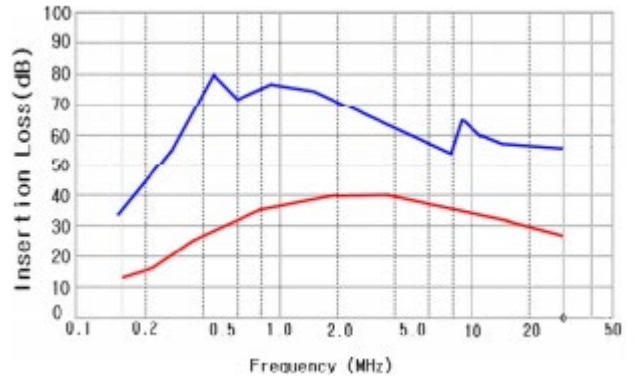
**62-MTB-100-4-21**



**62-MTB-160-4-21**



**62-MTB-200-4-21**



**62-MTB-300-4-21**

