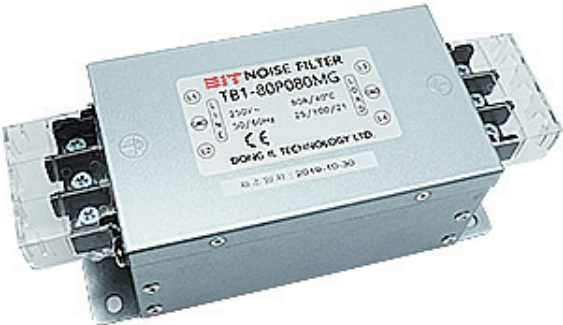


EMI/EMC FILTER

TB1(Metal Case) SERIES



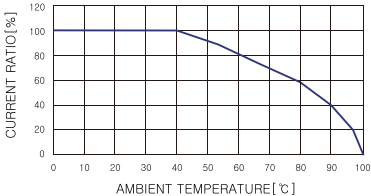
Features

- 2 Line, 2 Stage Filter
- Good shield effect by using metal case
- Excellent filtering characteristics for both differential mode and common mode
- Safety approval : CE

Applications

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

Specifications

MODEL	Rated Voltage (AC, DC)	Rated Current	Leakage Current (250V AC)	Operating Temperature
TB1-40P080MG	250V (50/60Hz)	40A	0.5mA	<div>-25°C to +100°C Including temperature rise</div> <div>Derating Curve</div> 

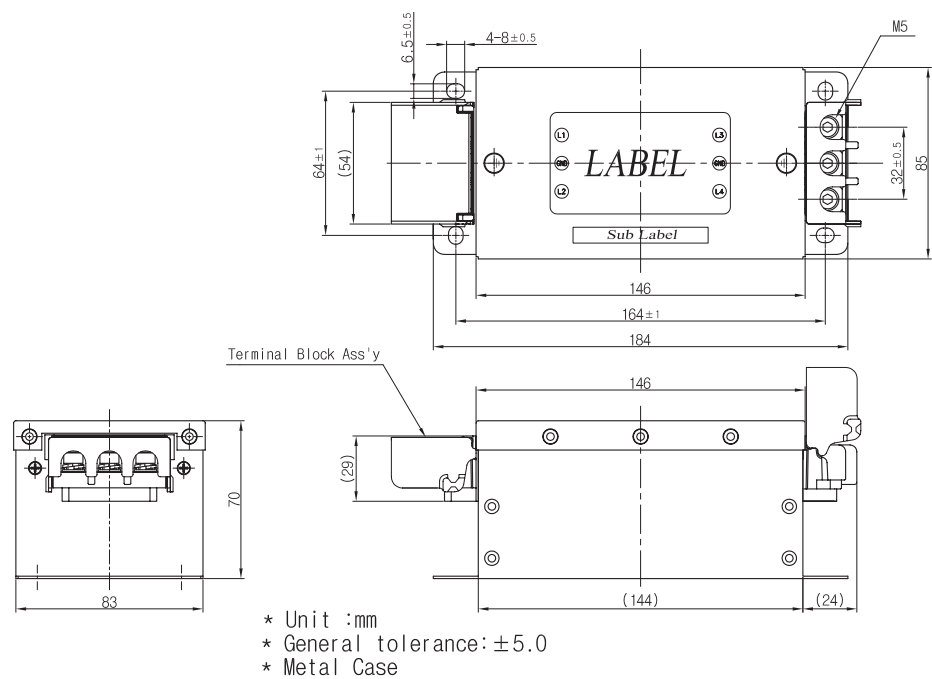
※ Many variations in X and Y capacitor value are available with approvals. For the details, consult with local agent.

Note
Withstand Voltage : 1500V AC for 1 minute between line and ground
Insulation Resistance : 300 Mohm min. at 500V DC between line and ground

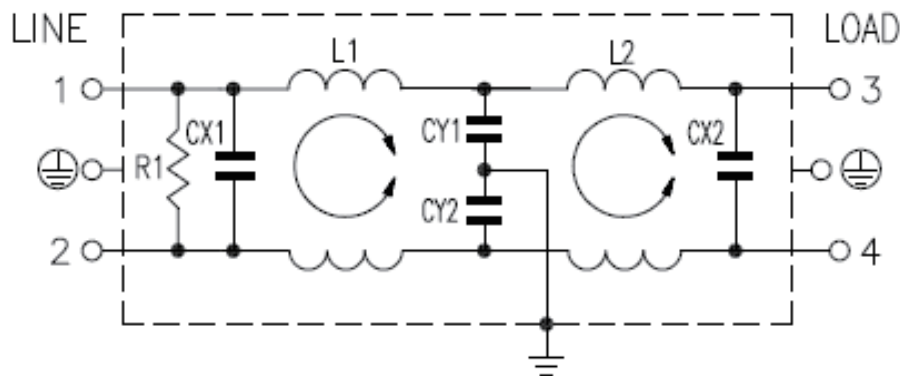
Model Number Construction

TB1	40	P	080	M	G
 Series name : 2 line, 2 stage	 Rated Current 40 = 40 A 50 = 50 A 60 = 60 A 80 = 80 A	 Line to Line Cap.code Input/output : 3.3 μ F (middle line : none)	 Line to GND Cap.code (only middle line) OD0 : 470 pF (Y1 class) 080 : 3300 pF (Y2 class)	 Case Type M = Metal	 Characteristic Option G = General H = High

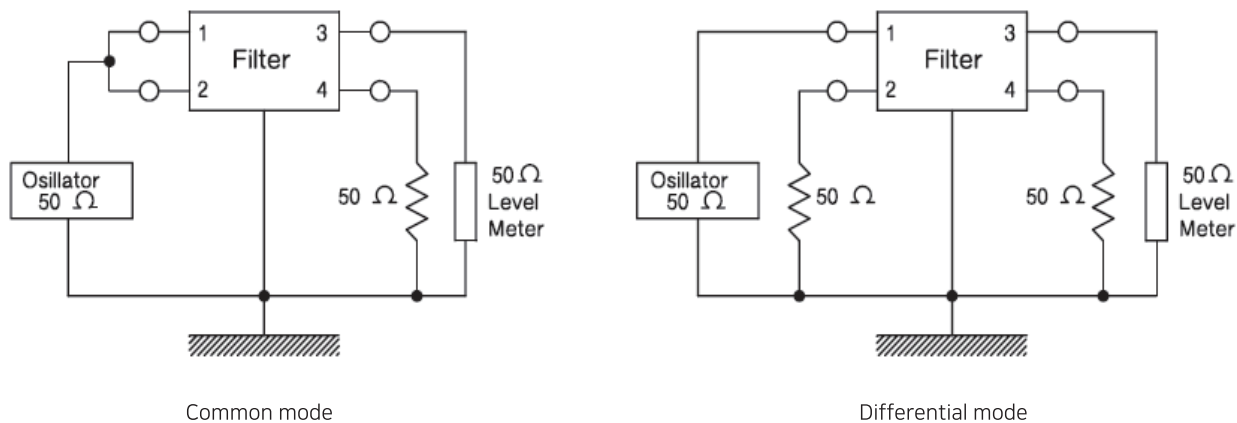
Shapes and Dimensions



Circuit Diagram



Measurement Configuration



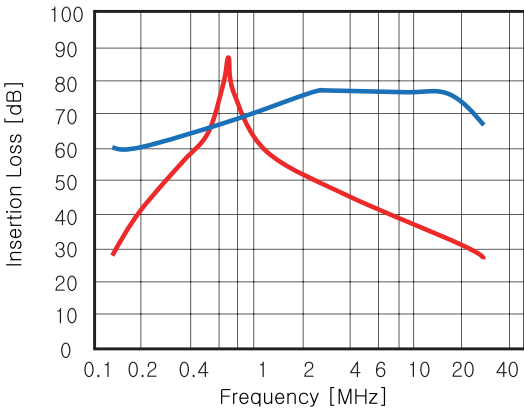
Attenuation Characteristics

Common mode (—)

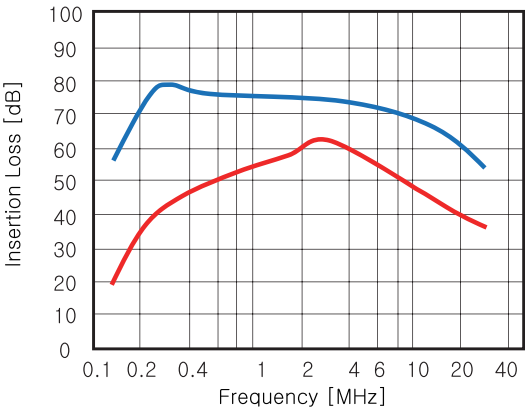
Differential mode (—)

TB1-**P080MG Series

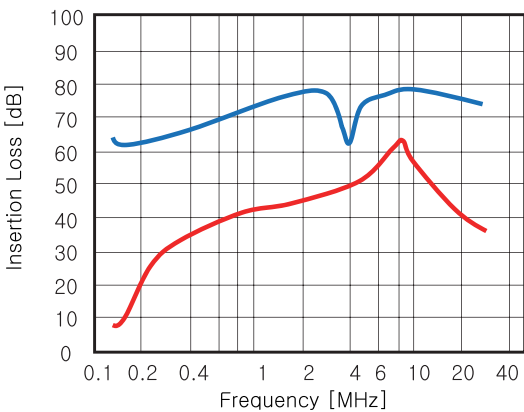
TB1-40P080MG



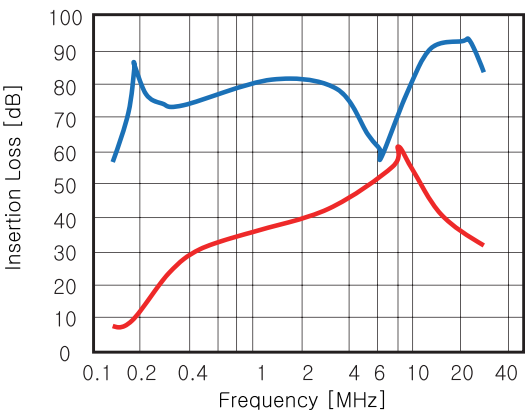
TB1-50P080MG



TB1-60P080MG



TB1-80P080MG



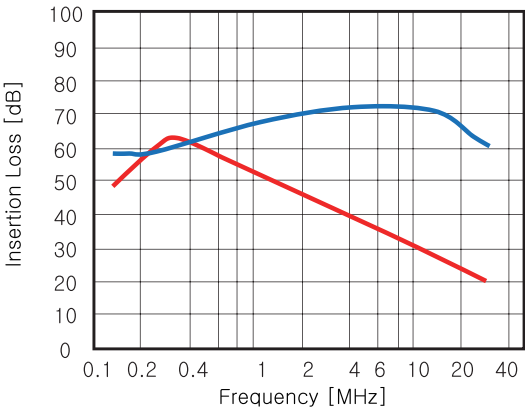
Attenuation Characteristics

Common mode (—)

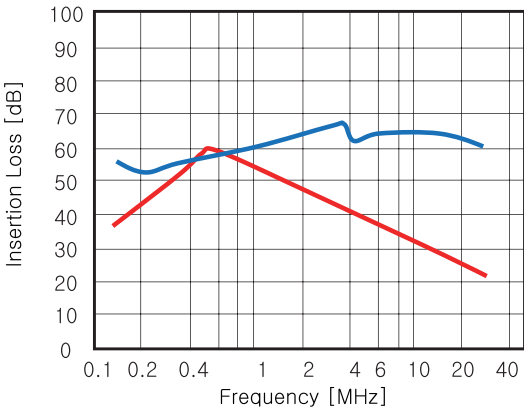
Differential mode (—)

TB1-**-P080MH Series

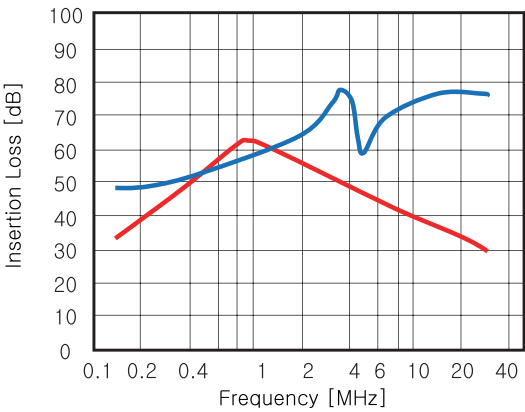
TB1-40P080MH



TB1-50P080MH



TB1-60P080MH



TB1-80P080MH

