

EMI/EMC FILTER

IG SERIES



Features

- Ideally suited for products that must conform to part 15,FCC regulations
- Metal cased miniature type with high performance
- Meet over voltage category II of IEC 664 and comply with IEC 60950
- Uses IEC connector that meets the safety standards of virtually all certifying organizations
- PCB mounting type for small space and economical installation
- Short length and under tab for small space

Applications

- Digital equipments
- Personal computers and peripherals
- Measuring instruments
- For use in miniature equipments
- For monitors and display units

Specifications

MODEL	Rated Voltage (AC, DC)	Rated Current	Leakage Current (250V AC)	Operating Temperature
IG-(N)01**-*	250V	1A	-	-25°C to +85°C Including temperature rise Derating Curve
IG-(N)02**-*	250V	2A	-	
IG-(N/L)03**-*	250V	3A	-	
IG-(N)06**-*	250V	6A	-	
IG-N08**-*	250V	8A	-	
IG-L10**-*	250V	10A	-	
IG-(N/L)***0-*	-	-	0.01mA max.	
IG-(N/L)***C-*	-	-	0.075mA max.	
IG-(N/L)***D-*	-	-	0.10mA max.	
IG-(N/L)***E-*	-	-	0.20mA max.	
IG-(N/L)***1-*	-	-	0.25mA max.	
IG-(N/L)***2-*	-	-	0.35mA max.	
IG-(N/L)***3-*	-	-	0.50mA max.	

Note

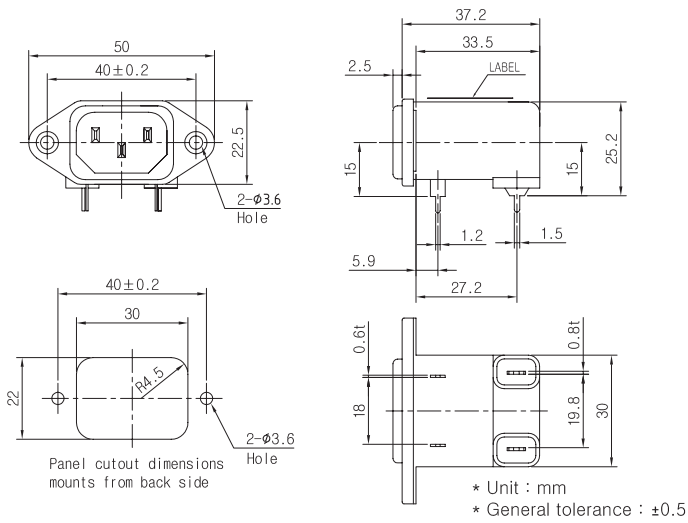
Test Voltage : 1500V AC one minute, line to earth
 Insulation Resistance : 300 Mohm min. at 500V DC
 Voltage Drop : 1V max. at rated current
 Weight : 50g for IG-series
 Inlet : Compatible with IEC-60320

Model Number Construction

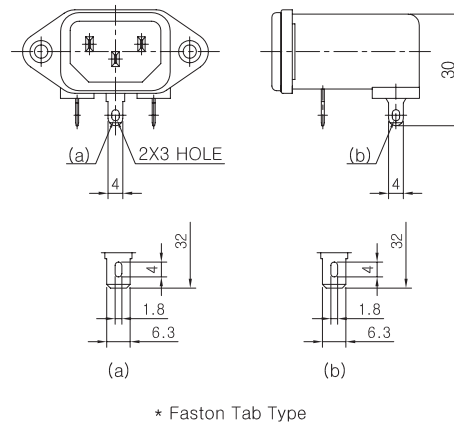
I	G	03	4	2	S
Input Connector I : IEC Connector	Special Design G : Screw and PCB mounting/Metal Case	Current Rating : AC rms 01,N01 : 1amp 02,N02 : 2amp 03,N03,L03 : 3amp 06,N06 : 6amp N08 : 8amp L10 : 10amp ("L","N" high performance)	Line-Line Cap.Value 2 : 0.022 μ F 4 : 0.047 μ F A : 0.1 μ F B : 0.15 μ F	Line-Gnd Cap.Value 1 : 1500 pF 2 : 2200 pF 3 : 3300 pF C : 330 pF D : 470 pF E : 1000 pF O : None	Output Terminal P : PCB Pin S : Solder Lug H : Faston Tab #250

Shapes and Dimensions

PCB mounting Type

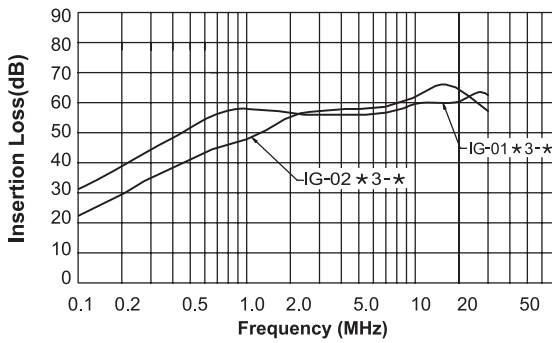


Soldering Lug type

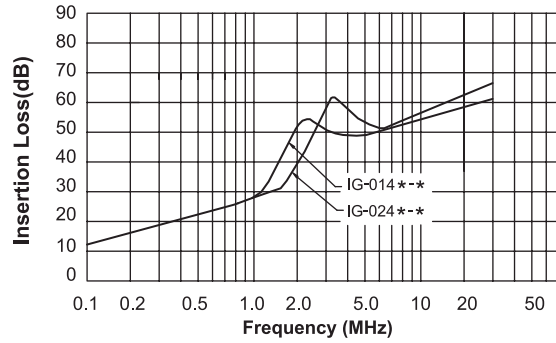


Attenuation Characteristics

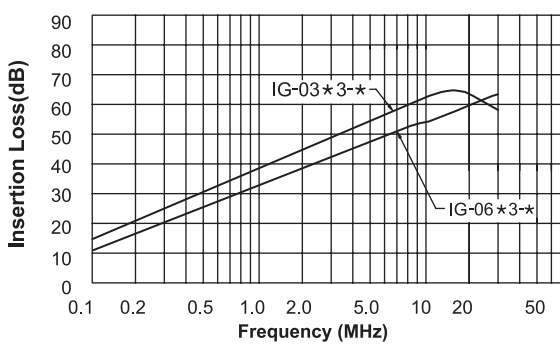
Common mode(IG-(N)01/02/03*3-*)



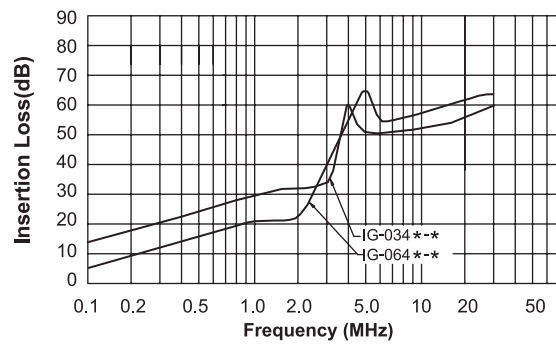
Differential mode(IG-(N)**2/3/4*-*)



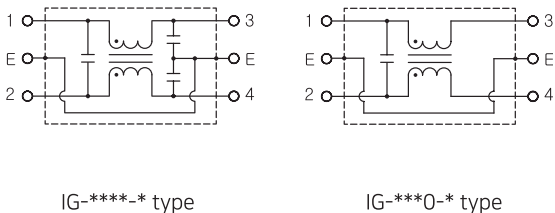
Common mode(IG-(N)06/08/10*3-*)



Differential mode(IG-(N)**4*-*)



Circuit Diagram



Measurement Configuration

