EMI/EMC FILTER

IJ1 SERIES

FEATURES

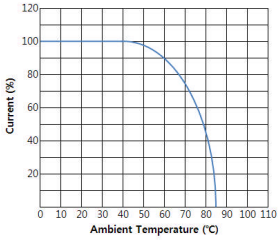
- Ideally suited for products that must conform to part 15,FCC regulations.
- Metal cased miniature type with high performance.
- Meet over voltage category Ⅱ of IEC 60664 and comply with IEC 60950.
- Uses IEC connector that meets the safety standards of all certifying organizations.
- Both soldering lug type and faston tab type are available.

APPLICATIONS

- Digital equipments.
- Personal computer and peripherals.
- For use in miniature equipments.
- For monitors and display units.

SPECIFICATIONS

Model	Rated Voltage (AC,DC)	Rated Current	Leakage Current (250V AC)	Temperature Rise	Operating Temperature(℃)
IJ1-(N)03**-*	250V	3A	-	60℃ max.	-25℃ to +100℃ including temperature rise.
IJ1-(N)06**-*	250V	6A	-	60℃ max.	
IJ1-(N)08**-*	250V	8A	-	60℃ max.	
IJ1-(N)10**-*	250V	10A	-	60℃ max.	
IJ1-(N)15**-*	250V	15A	-	60℃ max.	
IJ1-(N)***0-*	-	*	0.01mA max.	-	
IJ1-(N)***C-*	-	*	0.075mA max.	-	
IJ1-(N)***D-*	-	*	0.10mA max.	-	
IJ1-(N)***G-*	-	*	0.15mA max.	-	
IJ1-(N)***E-*	-	*	0.20mA max.	-	
IJ1-(N)***1-*	-	*	0.25mA max.	-	
IJ1-(N)***2-*	-	*	0.35mA max.	-	
IJ1-(N)***3-*	-	*	0.50mA max.	-	



Note:

Test Voltage: 1500V AC one minute line to earth.

Insulation Resistance: 300Mohm min. at 500V DC.

Voltage Drop: 1V max. at rated current.

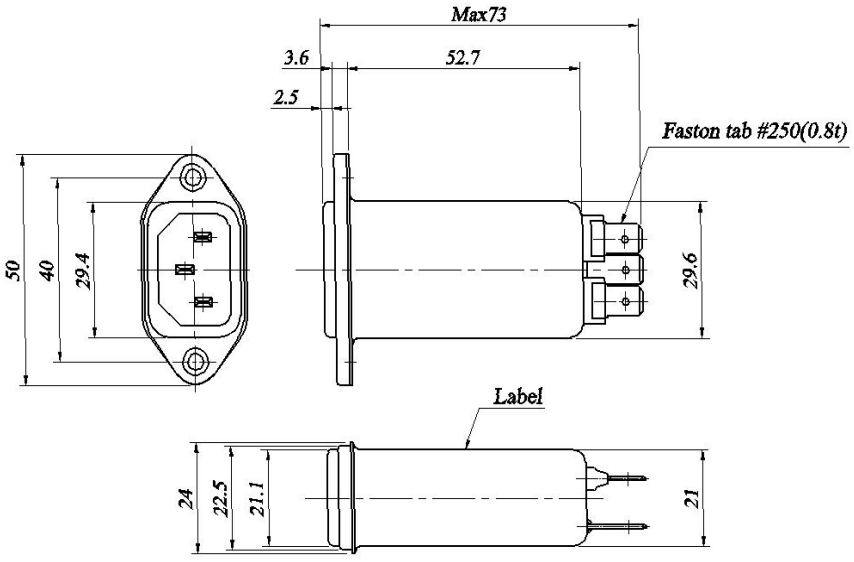
Weight: 75g

Inlet: Compatible with IEC 60320-1, C14

■Model Number Construction

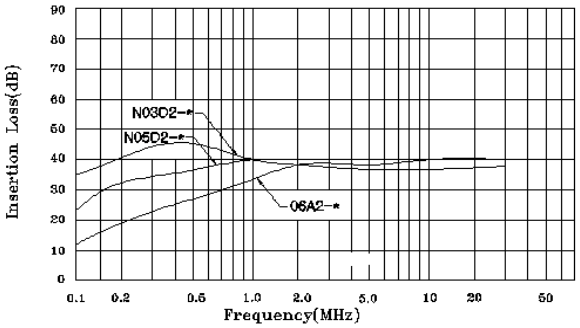
I	J1	N03	4	2	S
Input Connector I:IEC Connector	J1:Screw Mounting /Metal Case	Current Rating : AC rms 03:3amp 06:6amp 08:8amp 10:10amp 15:15amp N** : Highest permeability	Line-Line Cap. Value (Input side) 2:0.022uF 3:0.033uF 4:0.047uF 6:0.068uF A:0.1uF B:0.15uF C:0.22uF D:0.33uF	Line-Gnd. Cap. Value C:330pF D:470pF G:680pF E:1000pF 1:1500pF 2:2200pF 3:3300pF 0:NONE	Output Terminal Style S:Solder Lug H:Faston Tab #250

Shapes and Dimensions

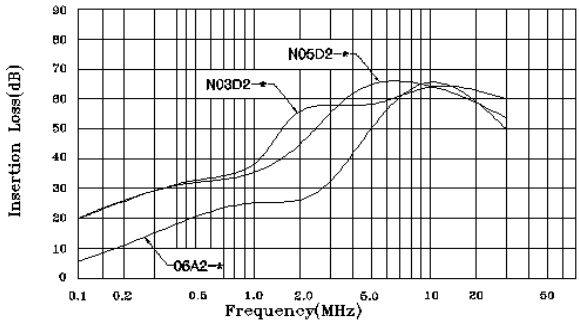


Attenuation Characteristics

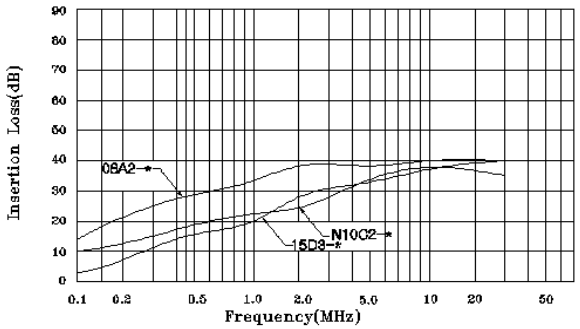
●Common Mode(IJ1-(N)03/05/06**-*)



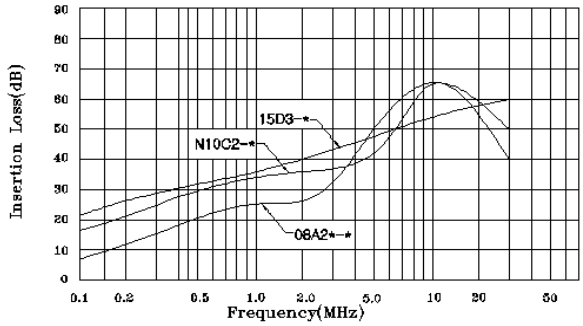
●Differential Mode(IJ1-(N)03/06**-*)



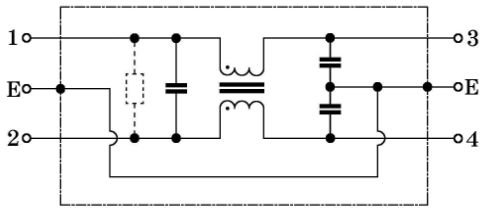
●Common Mode(IJ1-(N)08/10/15**-*)



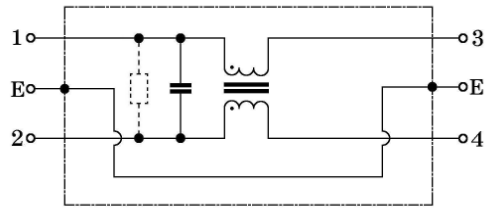
●Differential Mode(IJ1-(N)08/10/15**-*)



●Circuit Diagram

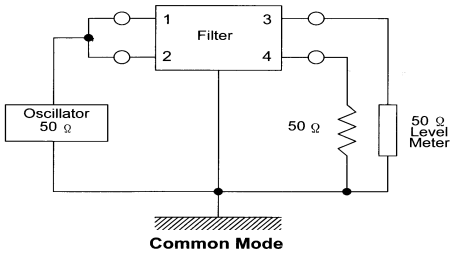


IJ1-**** TYPE

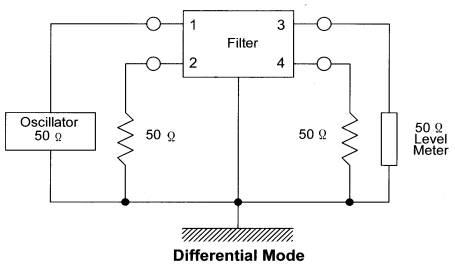


IJ1-***0 TYPE

●Measurement configuration



Common Mode



Differential Mode

DONG IL TECHNOLOGY LTD.
東一日技研
#215-6 Bukyang-Dong, Hwasung-si Kyonggi-Do, 445-854 Republic of Korea
URL. www.dongiltech.co.kr TEL. 82-31-356-7114 FAX.82-31-357-2610