1 Features

- PNF201-GF Series —— IEC-inlet and fuse container
- PNF201-GFS Series —— IEC-inlet, switch and fuse container
- Compact, easy for installation, applicable to the electronics instrument, diversity choice for different parameters
- CE approved, customization accepted

2 Technical Data

Type	Rated Voltage	Hi-Pot	
		Line-Line	Line-Ground
PNF201 series	250V～50/60Hz	1500VDC,2s	1500VAC,2s

3 Code explanation

PNF201 - G/GF/GFS - * A * * * * * * * *

1 2 3 4 5 6 7 8 9 10

1-Basic Catalog number

2-Mechanical Construction type code, it could be “G(General type), GF(Fused) or GFS(Fused and switched)”

3-Rated current: 1A，2A，3A，4A，6A，8A，10A

4-Houseing shape and assembly type code

Series	Suffix	Dimensions
PNF201-G	A-Screw Mounting, Hexagonal Loading Bushing	Fig. A
	B-Screw Mounting, Hexagonal Loading Bushing	Fig. B
	E-Screw Mounting, Hexagonal Loading Bushing	Fig. E
	F-Screw Mounting, Circular Loading Bushing	Fig. F
	G-Screw Mounting, Rectangular Loading Bushing	Fig. G
	H-Screw Mounting, Rectangular Loading Bushing	Fig. H
	I-Crimp Mounting, Rectangular Loading Bushing	Fig. I
PNF201-GF	L-Screw Mounting, Hexagonal Loading Bushing	Fig. L
	M-Screw Mounting, Hexagonal Loading Bushing	Fig. M
	N-Screw Mounting, Circular Loading Bushing	Fig. N
PNF201-GFS	S- Screw Mounting, Hexagonal Loading Bushing	Fig. S
	P- Screw Mounting, Hexagonal Loading Bushing	Fig. P

5-Schematic type code

A=L type Schematic

B=π type Schematic

6-Inductance

Suffix	A	B	C	D	E	F	G	H	I	J	K	L
Inductance +50%-30%（mH）	0.2	0.3	0.4	0.6	0.8	1.0	1.5	2.0	2.5	4.0	6.0	10.0

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7-Capacitance of Cx

Suffix	A	B	C	D	Z
Capacitance(μ F)	0.047	0.1	0.15	0.22	0

8- Capacitance of Cy

Suffix	A	B	C	D	Z
Capacitance(∩F)	0.33	1.0	2.2	3.3	0
Leakage Current 250V～50Hz	＜0.1mA	＜0.25mA	＜0.5mA	＜0.75mA	＜10 μ A

9-With or without resistor

R=with resistor

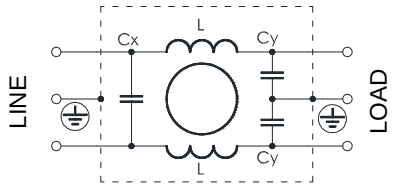
Z=without resistor

10-Terminal type

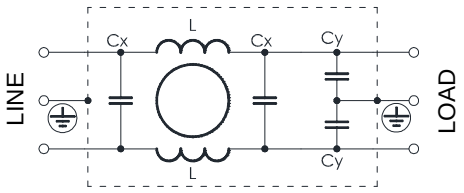
C=6.3 Connection tab

X=Lead wire

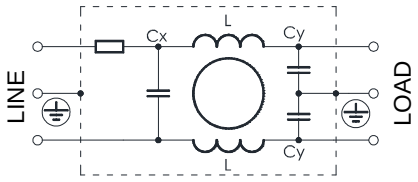
4 Electrical Schematic



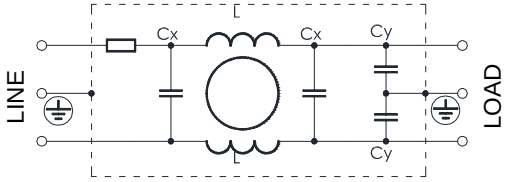
PNF201-G series L type Schematic



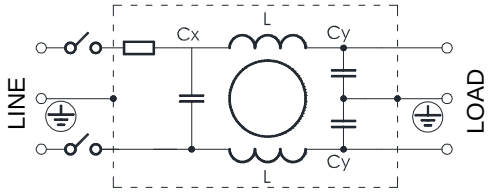
PNF201-G series π type Schematic



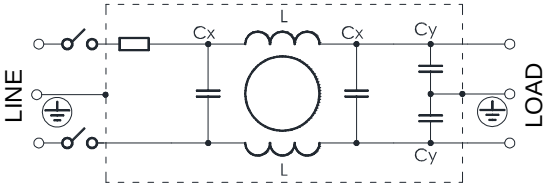
PNF201-GF series L type Schematic



PNF201-GF series π type Schematic



PNF201-GFS series L type Schematic



PNF201-GFS series π type Schematic

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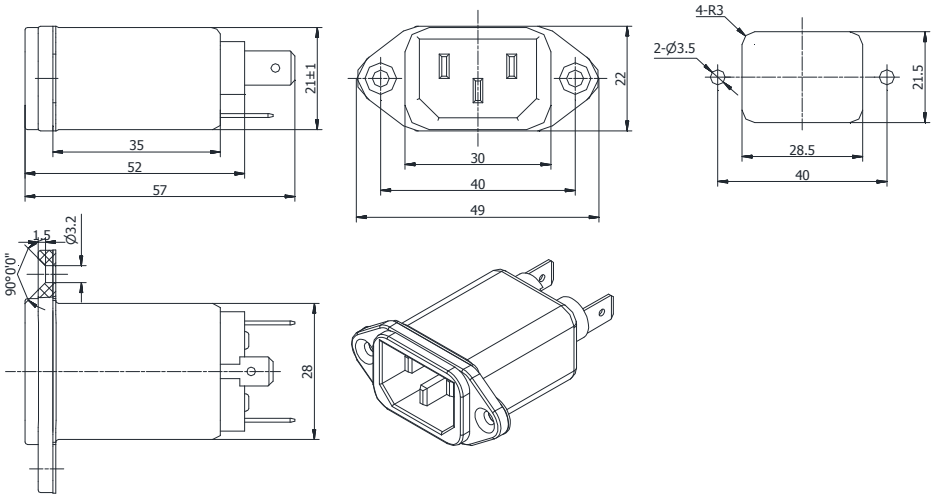
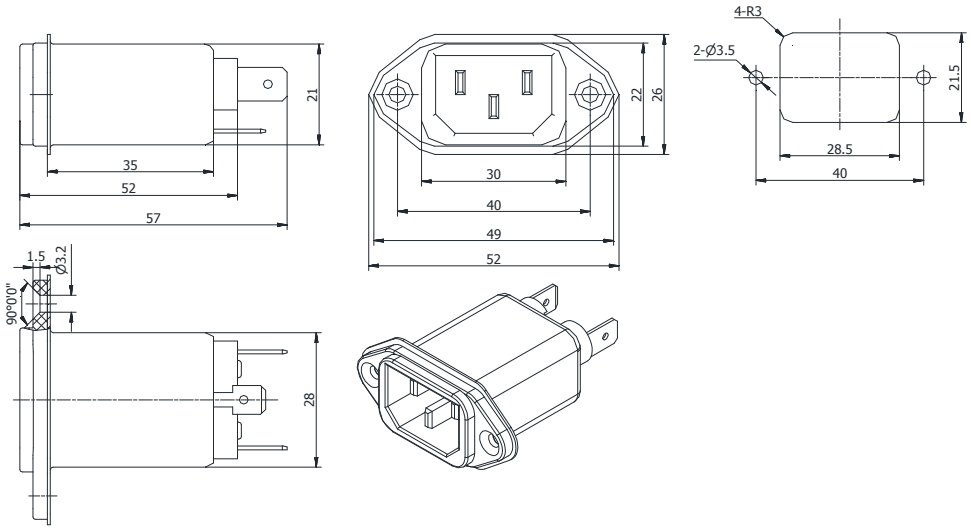
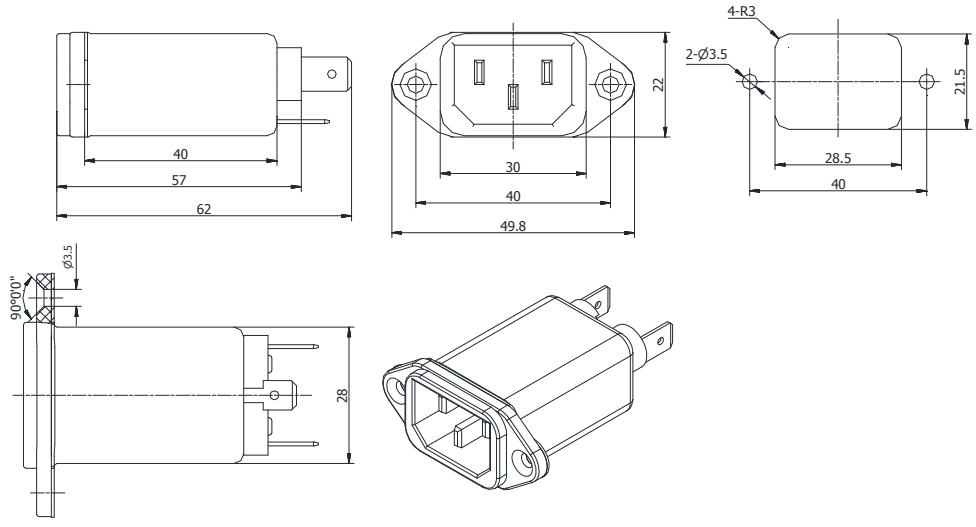
5 Dimension (Unit: mm)



A-Screw Mounting, Hexagonal Loading Bushing



B-Screw Mounting, Hexagonal Loading Bushing



E-Screw Mounting, Hexagonal Loading Bushing

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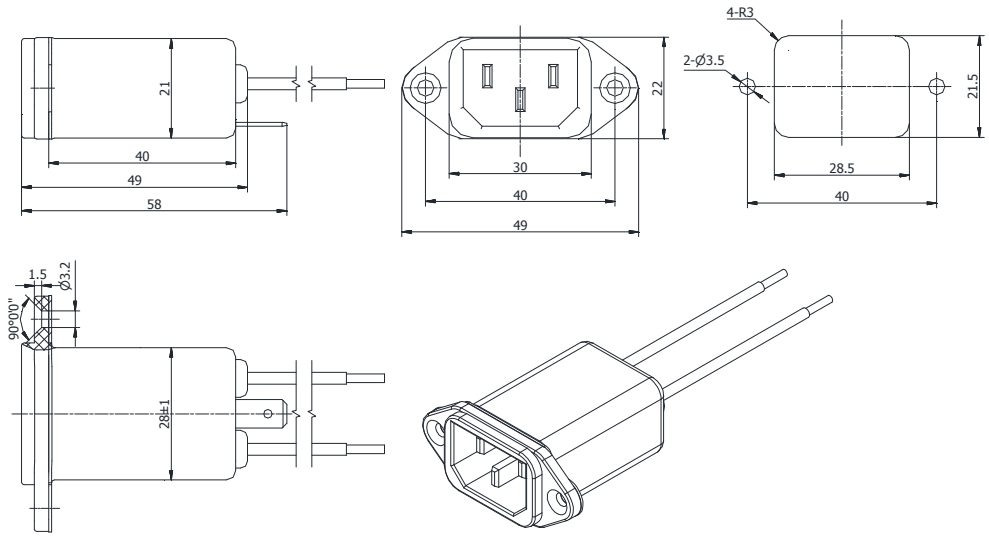
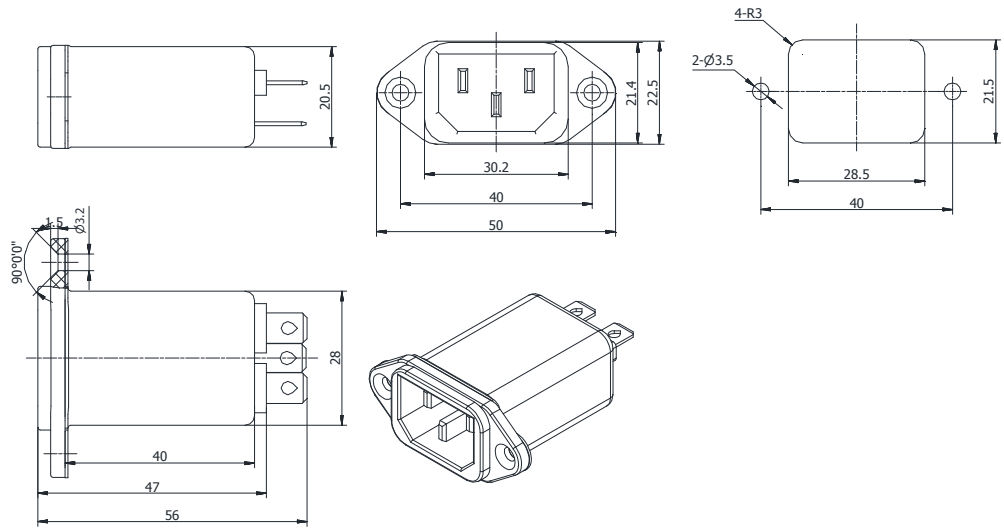
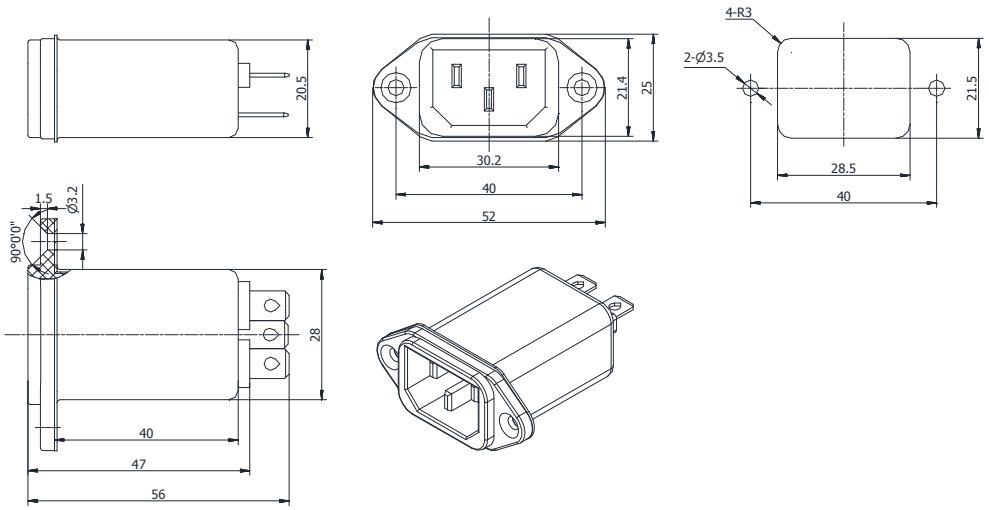


F-Screw Mounting, Circular Loading Bushing



G-Screw Mounting, Rectangular Loading Bushing



H-Screw Mounting, Rectangular Loading Bushing

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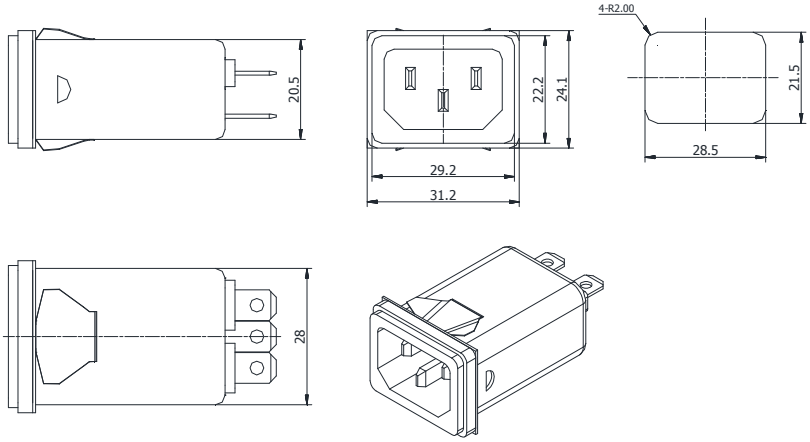
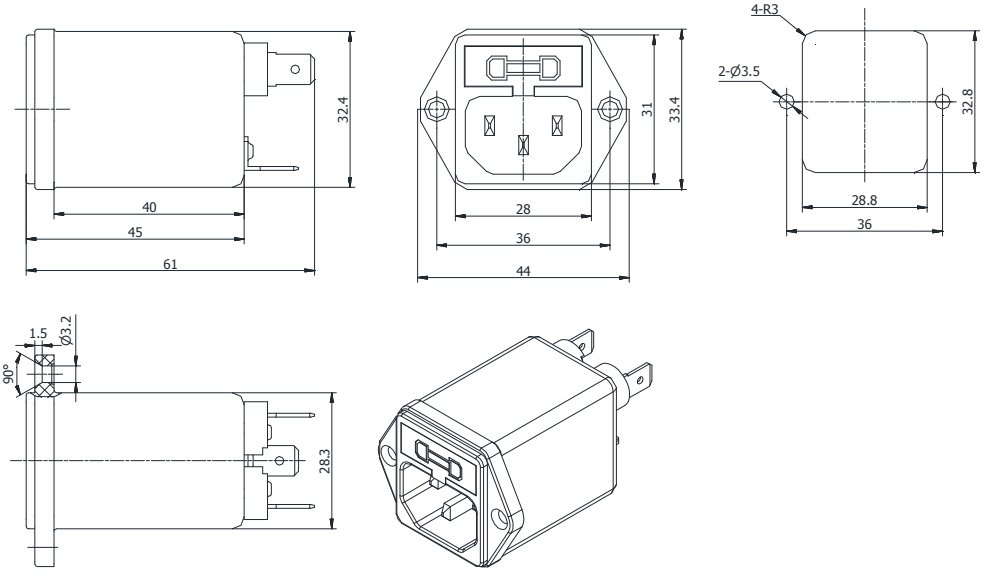
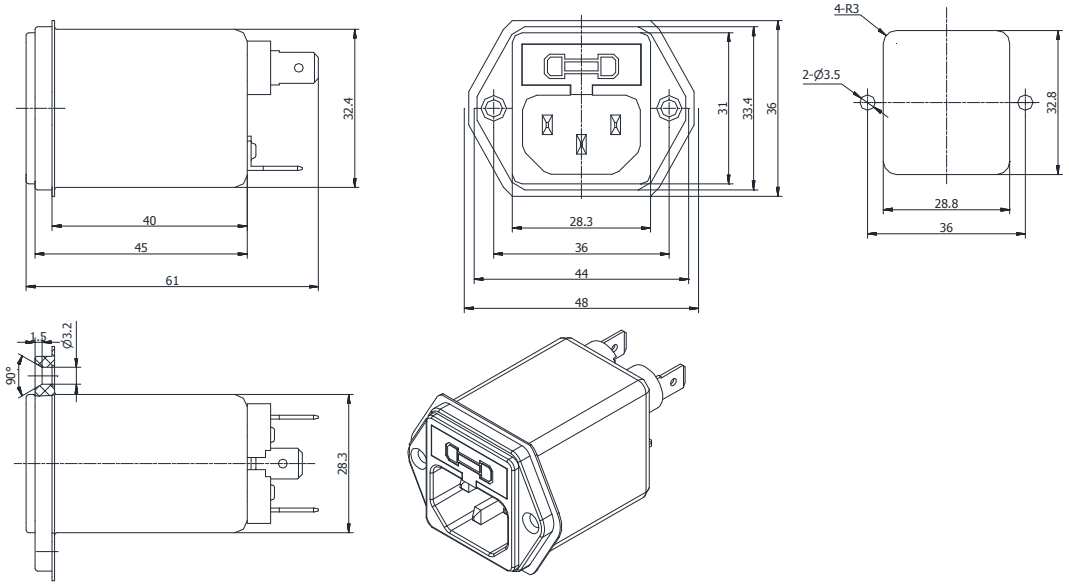


I-Crimp Mounting, Rectangular Loading Bushing



L-Screw Mounting, Hexagonal Loading Bushing



M-Screw Mounting, Hexagonal Loading Bushing

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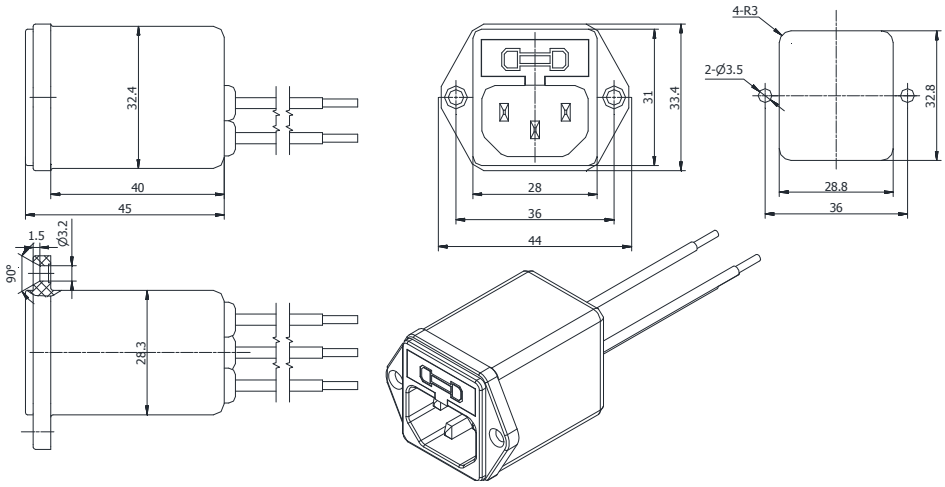
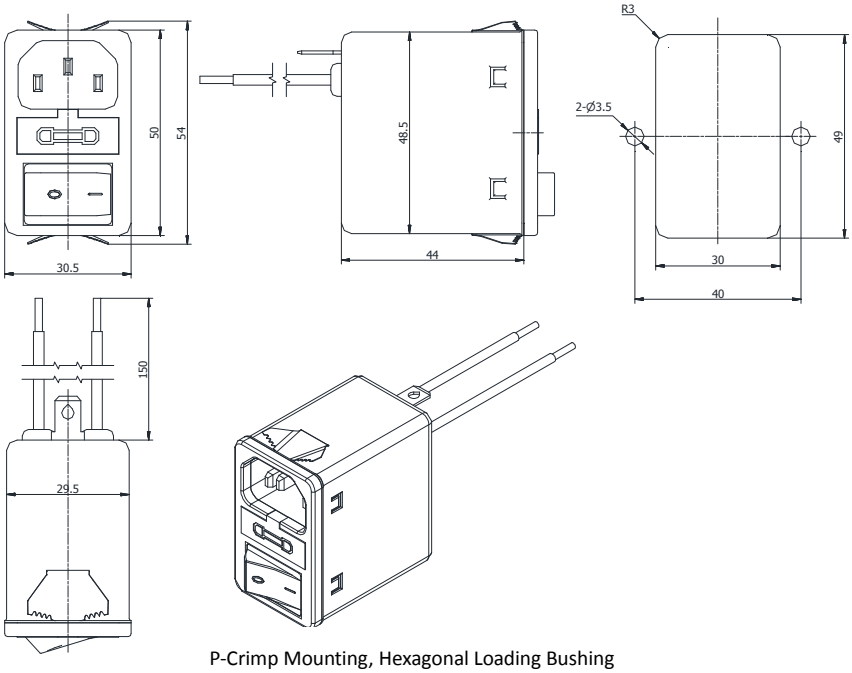
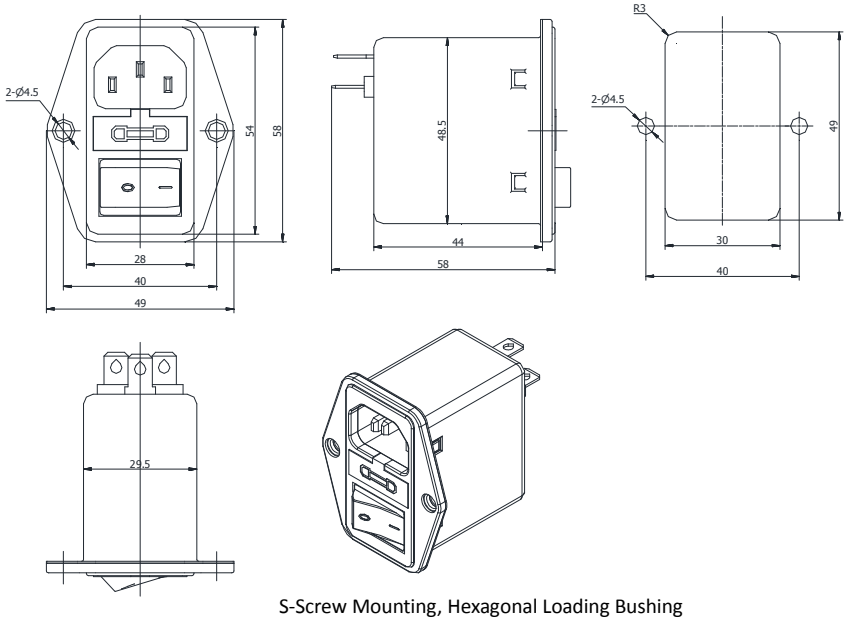


N-Screw Mounting, Circular Loading Bushing



P-Crimp Mounting, Hexagonal Loading Bushing



S-Screw Mounting, Hexagonal Loading Bushing

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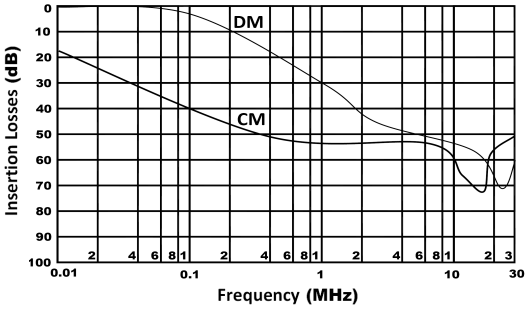
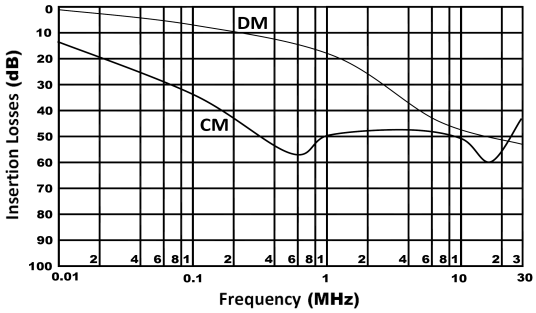
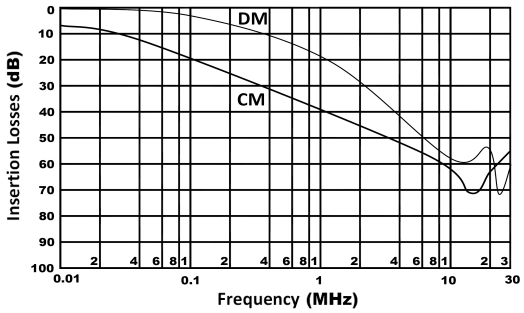
6 Typical Insertion Losses In 50Ω System: (CM-Common Mode DM-Different Mode)



PNF201-G-1A EAKADZC



PNF201-G-1A BALADZC



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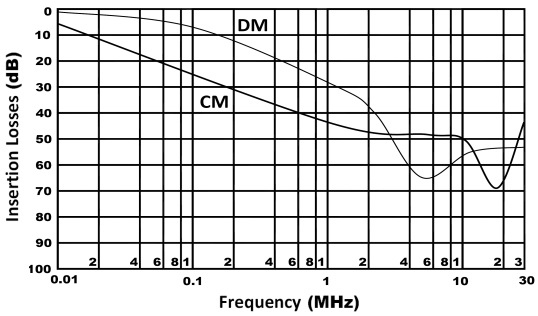
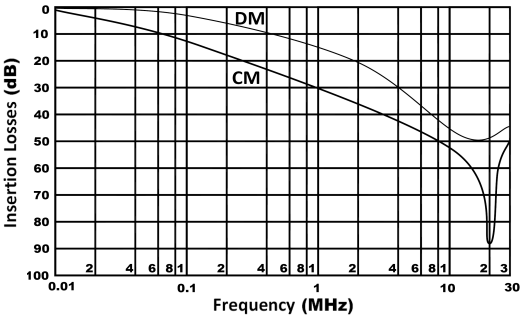
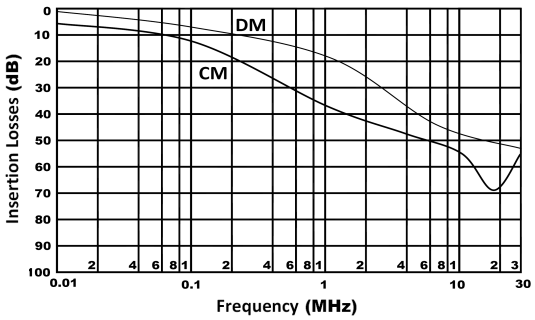


PNF201-G-3A BAHADZC



PNF201-G-6A BADADZC



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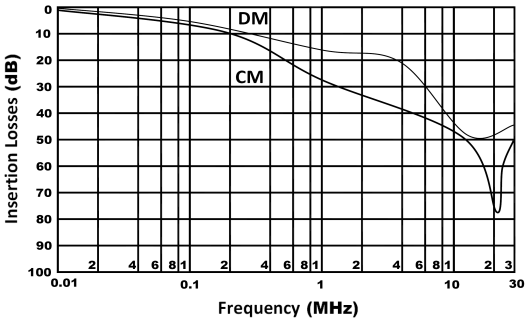
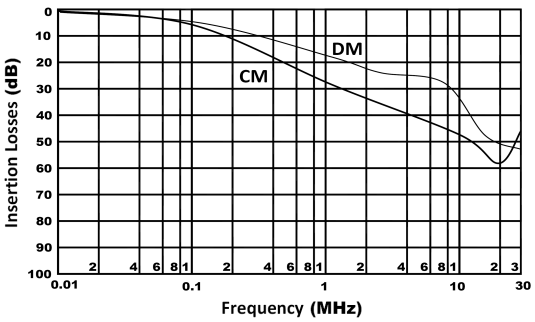
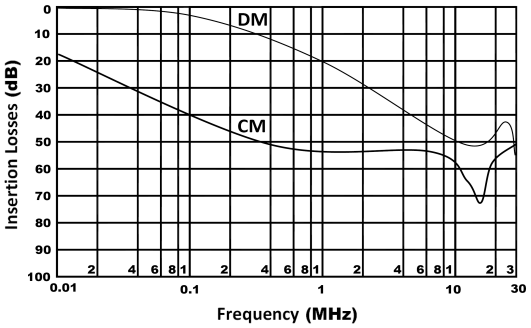


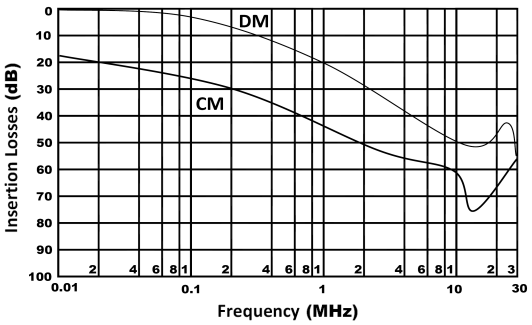
PNF201-G-10A BAABDZC



PNF201-G-10A BAAADZC



PNF201-GF-1A LALADZC



PNF201-GF-3A LAHADZC

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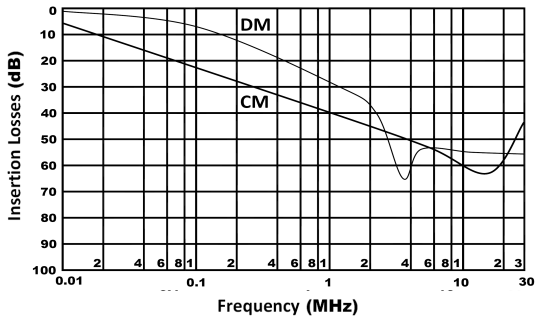
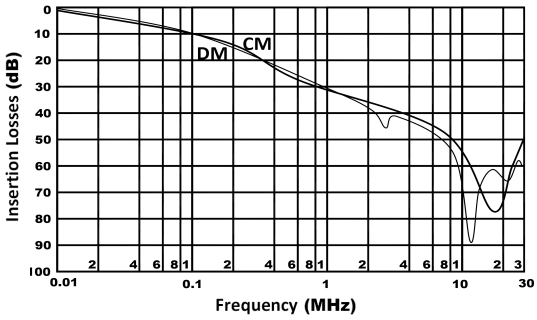
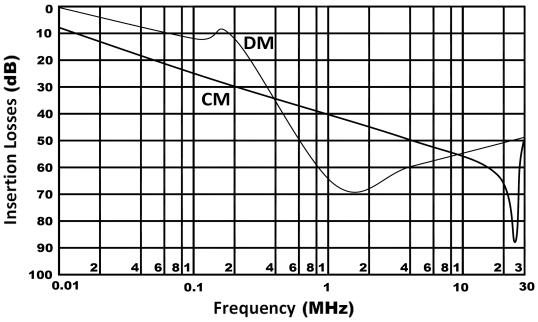


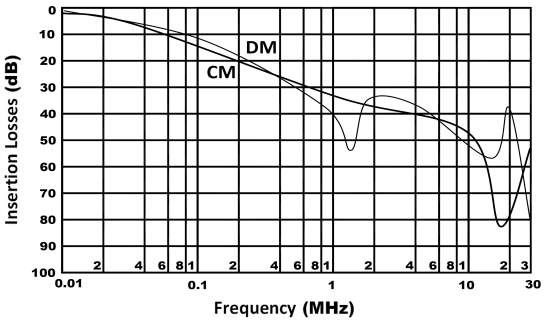
PNF201-GF-6A LAJCDZC



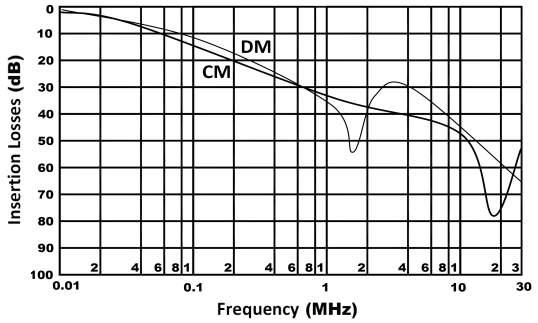
PNF201-GF-10A LACCDZC



PNF201-GFS-6A SAFDDRC



PNF201-GFS-6A SAFDDRC



PNF201-GFS-10A SACDDRC

7 Installation Instructions

1) Good electrical connection is needed between filter casing and equipment shell.

2) Connecting the filter's input and output according to the provision on the label of LINE and LOAD.

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