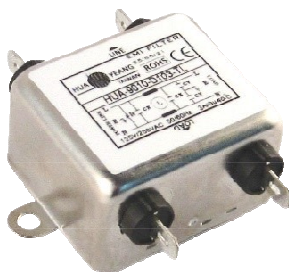


EMI 日規單相 AC 單 π 電源雜訊抑制濾波器

AC Power Single-Phase Single-Stage EMI Filter (Japan type)



Product Features

- Suppressing the inrush current when equipment power on
- Increase equipment tolerance to voltage transients
- Bidirectional filtering between power grid and equipment
- Designed with compact size for easy installation.
- Rated currents from 1 to 30A

產品特點

- 抑制湧浪電流
- 增強對電壓瞬變的耐受程度
- 電源與電網間雙向濾波
- 尺寸小巧 · 方便安裝
- 本系列支援最高 30A 的電流

Technical Specifications

Rated voltage	0~250 VAC
Rated currents	1 to 30A @ 40°C
Overload current	1.2 × Rated Current (1 min./hour)
Max Leakage current	≤ 5 mA @ 250v/60Hz
Temperature range	-25 to +85 °C
Temperature rise	≤ 30°C
High potential test voltage	L → E 2000 VAC / 2250 VDC L → N 2500 VDC
Insulation Resistance	L → E ≥ 3000MΩ L → N ≥ 2000MΩ
Certified to	UL 1283, EN55011, EN55022, CISPR 16-2-3, EN/IEC 60950, 61000

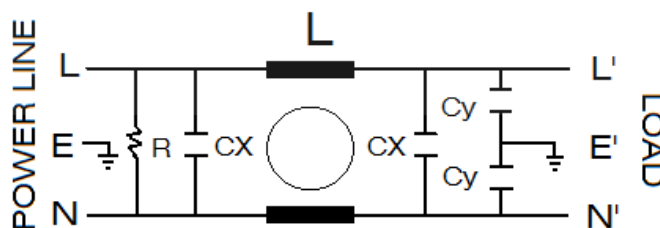
Approvals & Compliances



Applications

- Electrical and electronic equipment
- Datacom equipment
- Building automation
- Industrial applications
- Consumer goods

Typical Electrical Schematic



AC circuit (single-stage)

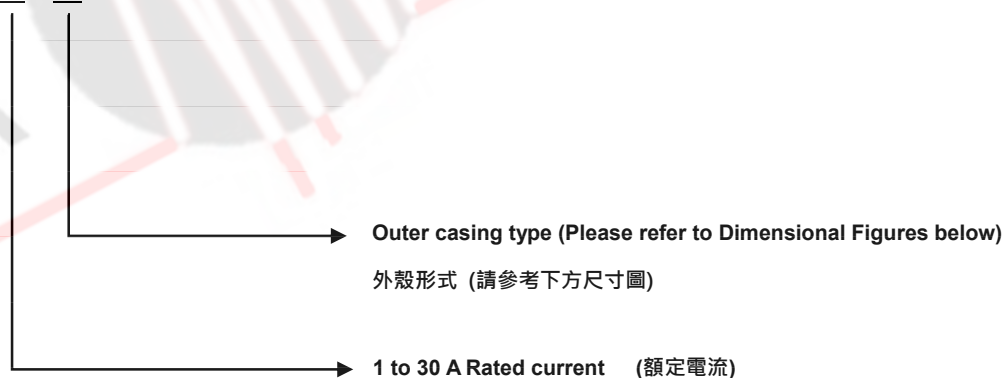
AC 電源濾波電路(單 π 迴路)

Filter Selection Table

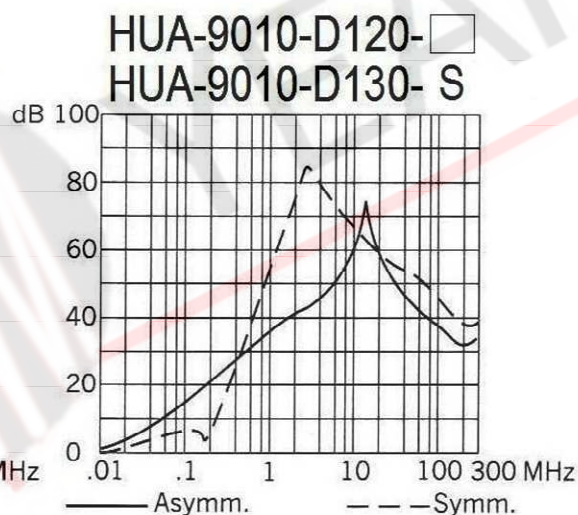
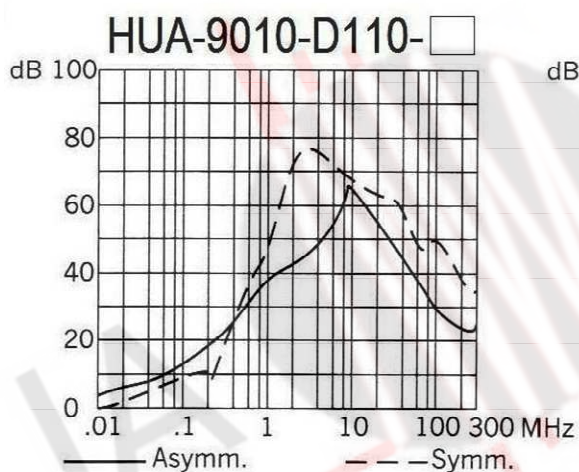
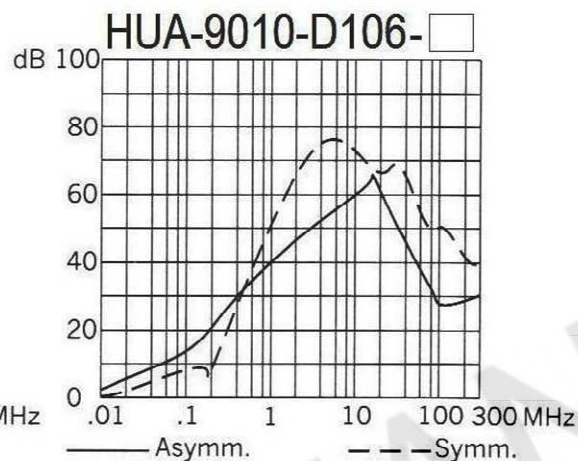
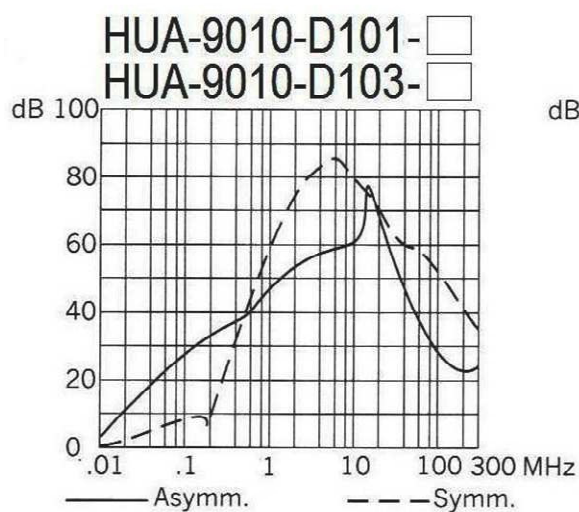
Model	Rated current @ 40°C [A]	Rated voltage [VAC]	Resistance L-L' (±15%) [mΩ]	Power loss (total ±15%) [W]
HUA-9010-D101-□	1	0~250	25	0.025
HUA-9010-D103-□	3		24	0.216
HUA-9010-D106-□	6		23	0.828
HUA-9010-D110-□	10		14.2	1.42
HUA-9010-D120-□	20		5.8	2.32
HUA-9010-D130-S	30		4.8	4.32

Product Selector

HUA – 9010 – D1□ - □

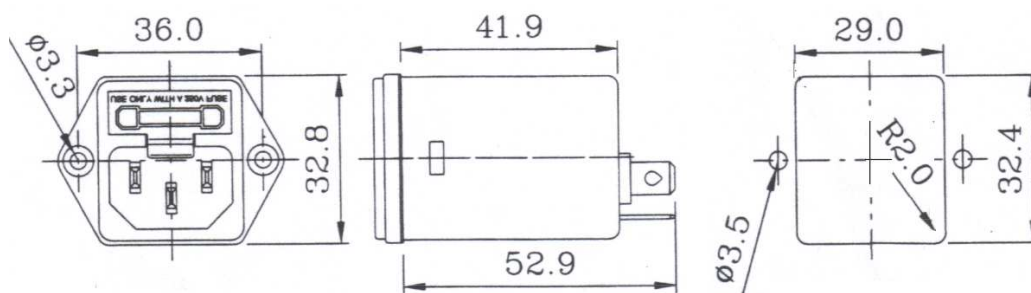


Insertion Loss (衰減值)

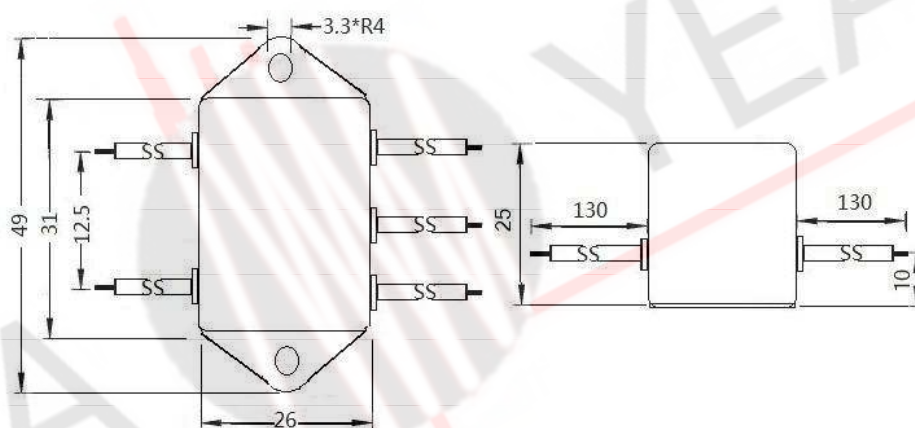


Dimensional Figures (尺寸圖) (Unit : mm)

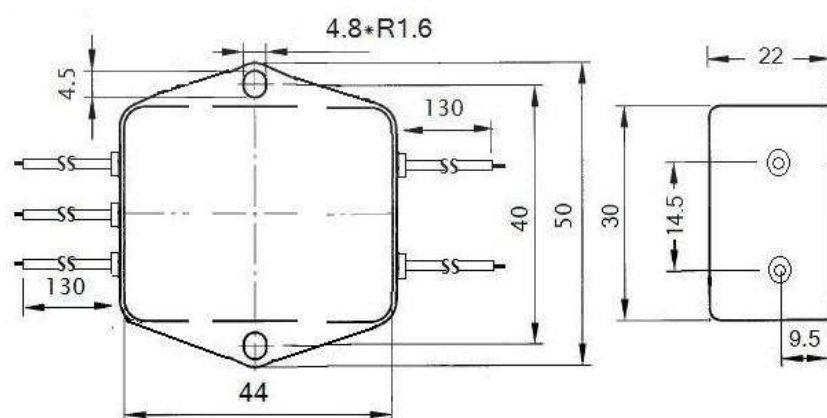
FP



L1B

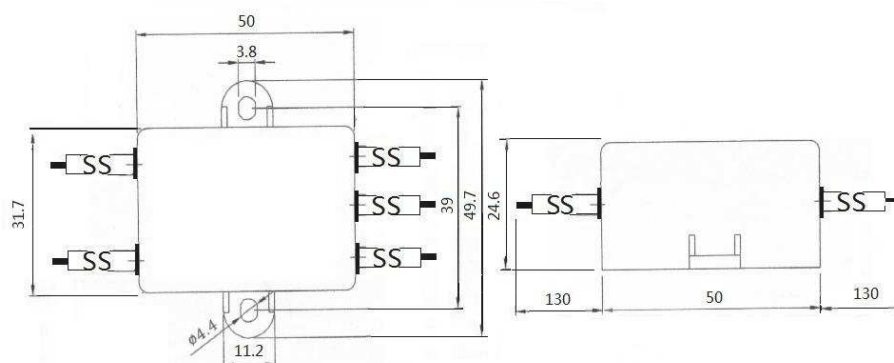


L1B2

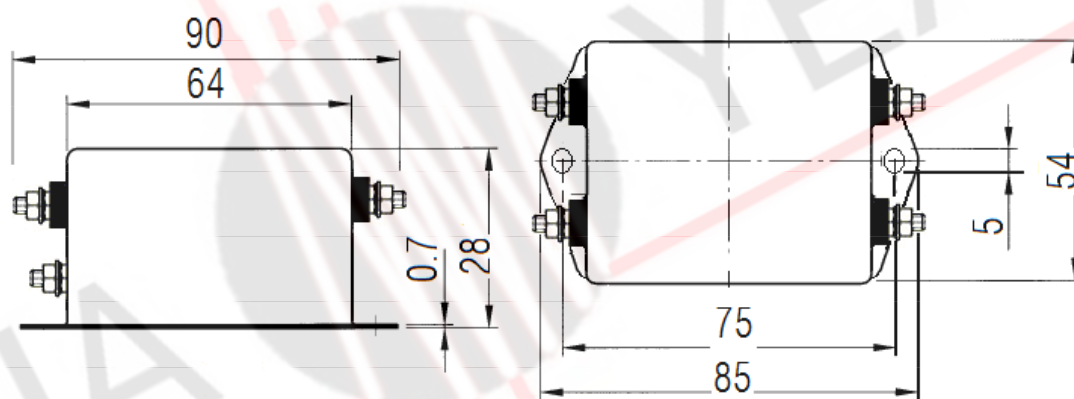


Dimensional Figures (尺寸圖) (Unit : mm)

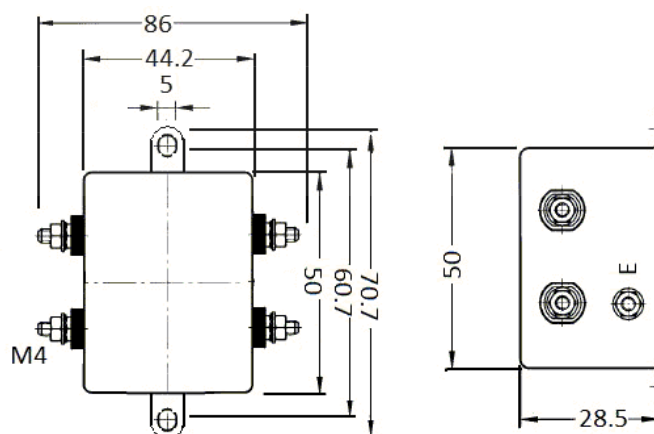
LE



S

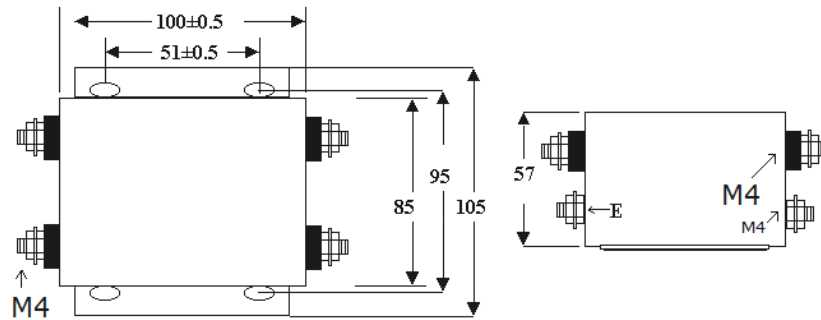


SC1

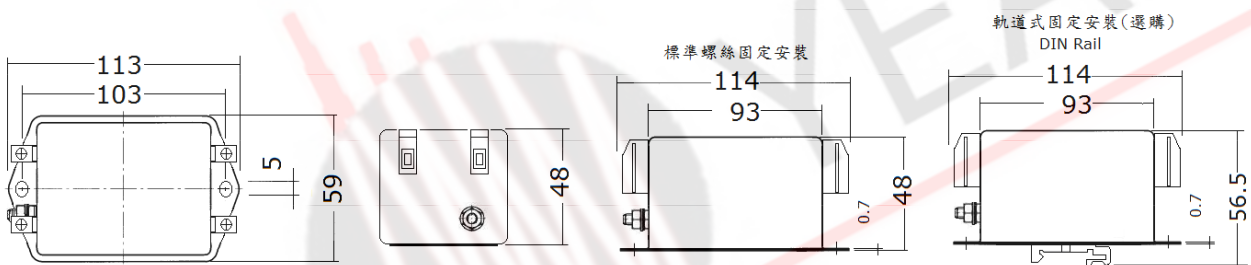


Dimensional Figures (尺寸圖) (Unit : mm)

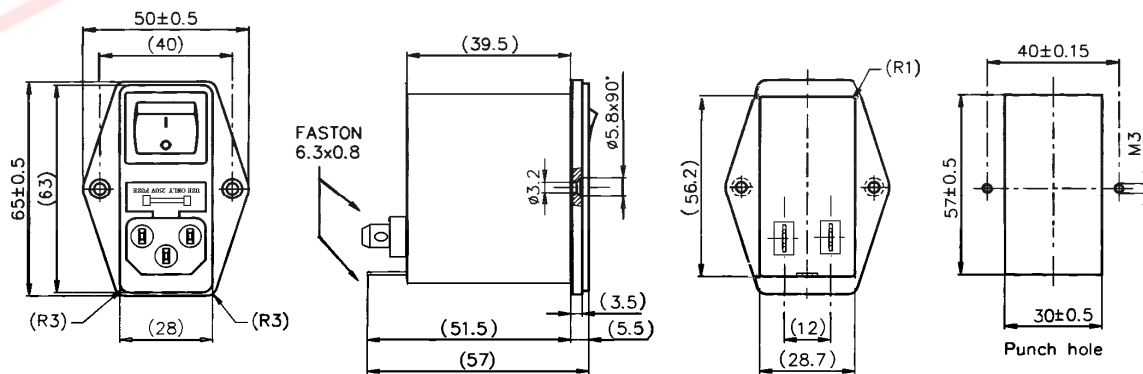
SD4



SE/SER

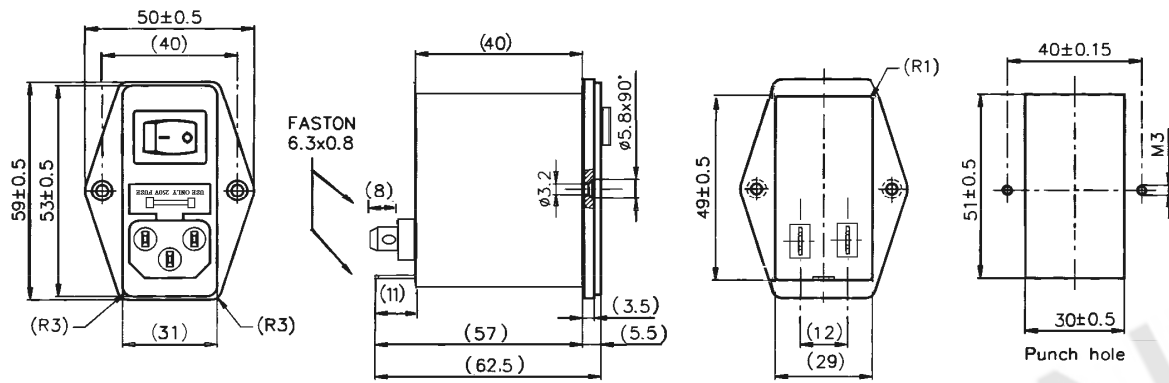


SFP

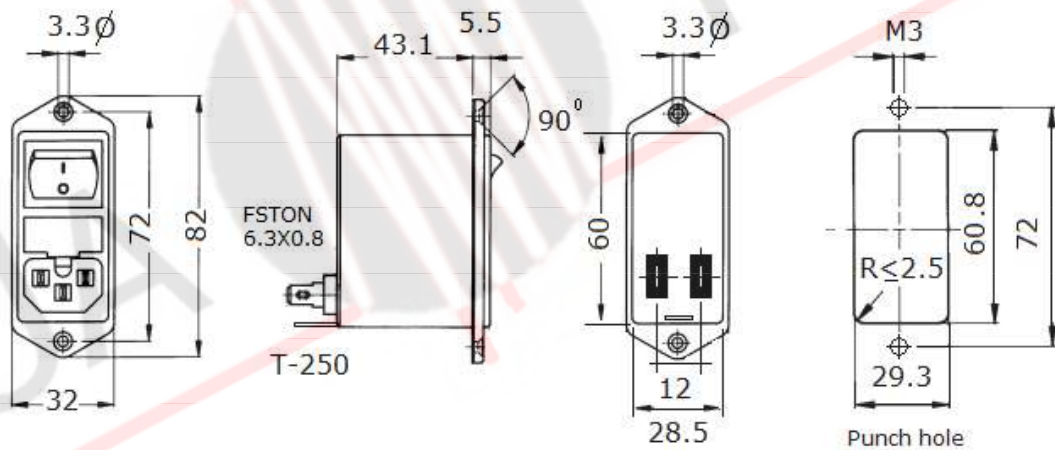


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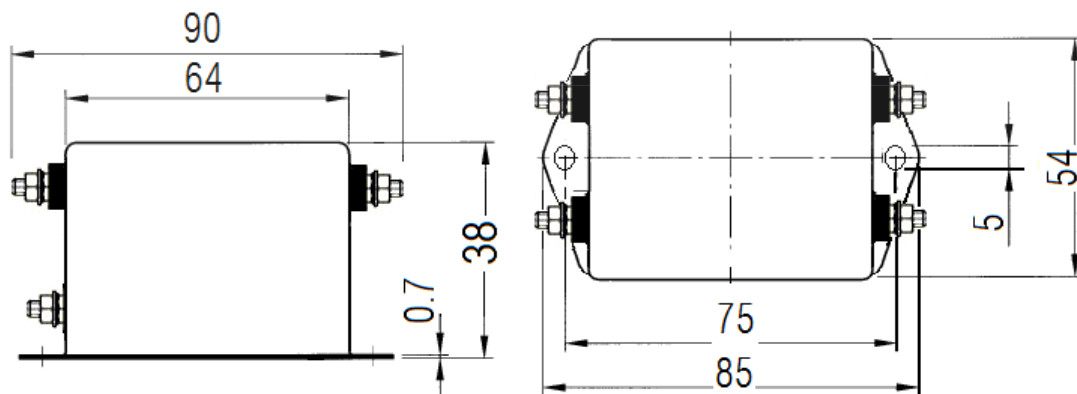
SFP-A



SFP-B

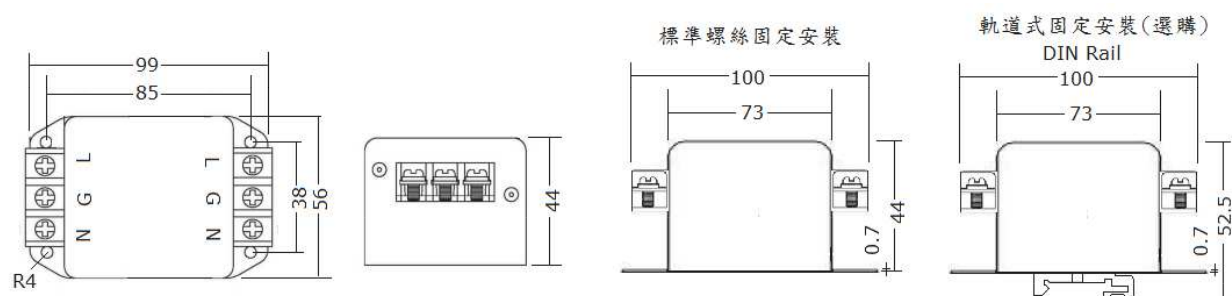


SH

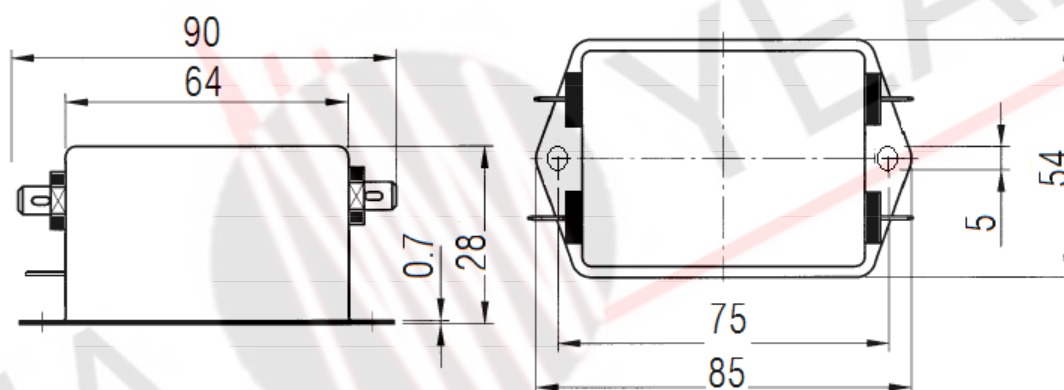


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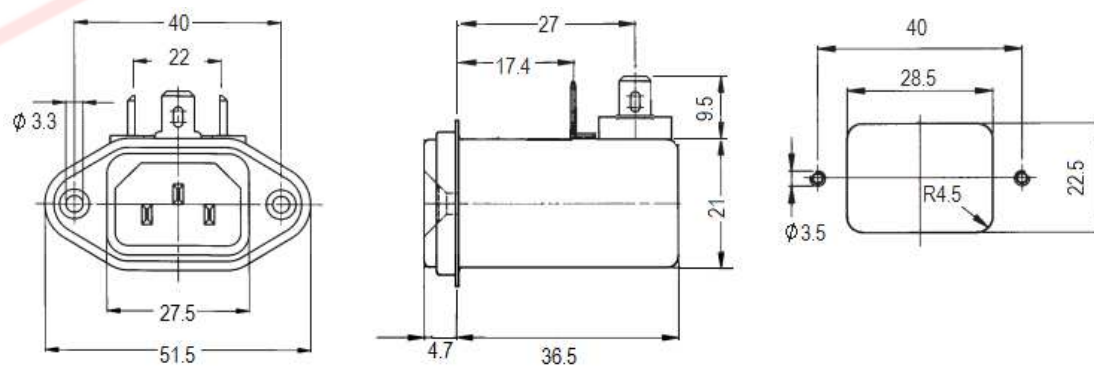
STM/STMR



T

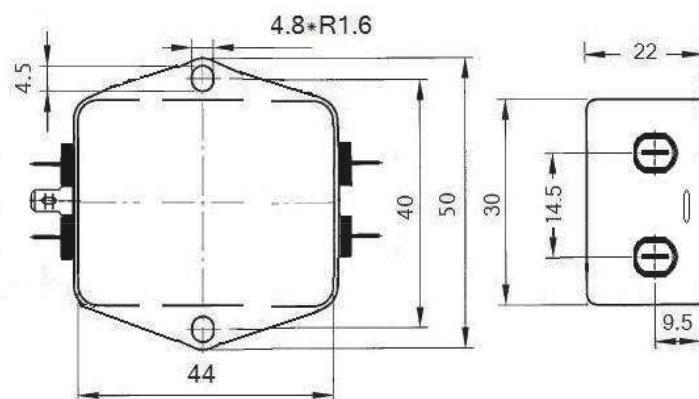


T1A

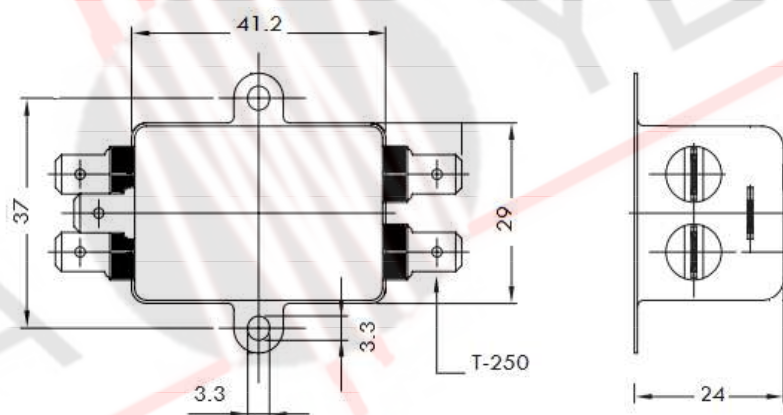


Dimensional Figures (尺寸圖) (Unit : mm)

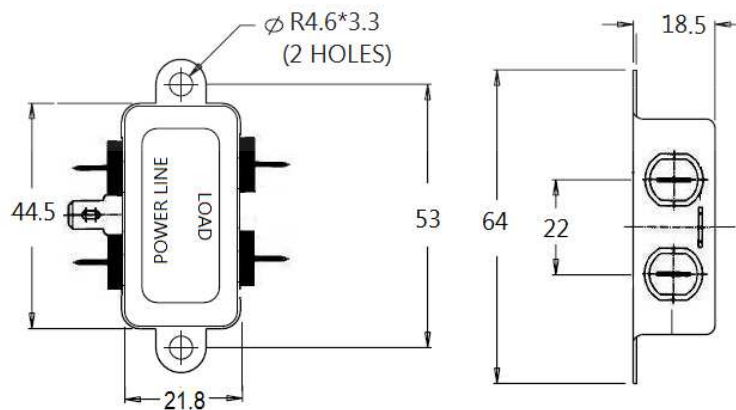
T1B



T1B4

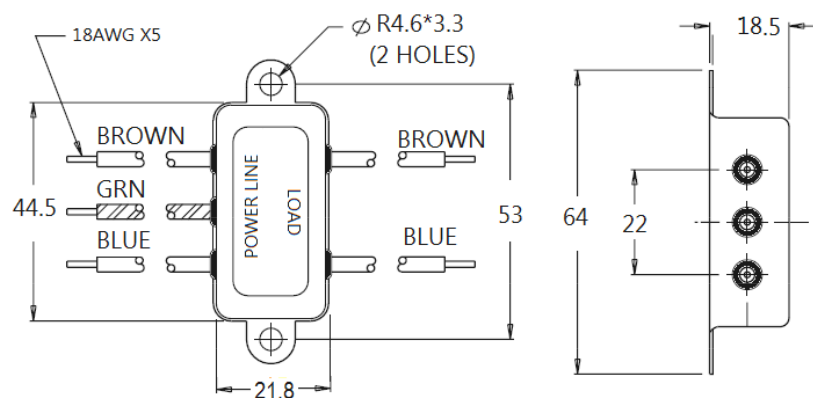


T1B5

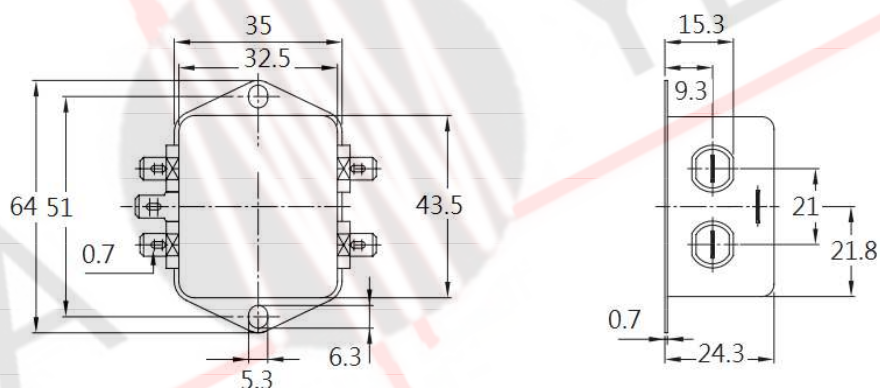


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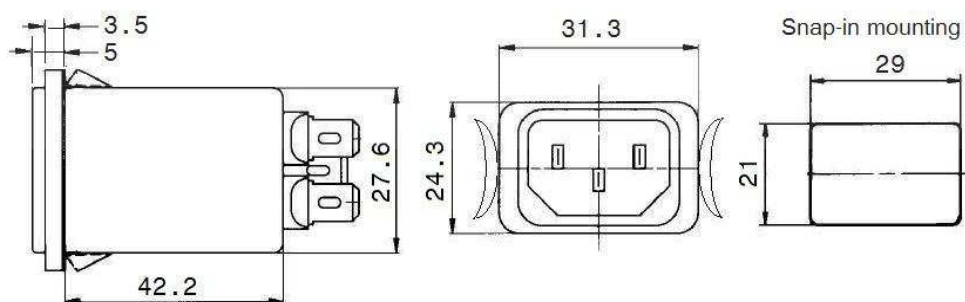
T1B5L



T1BQ

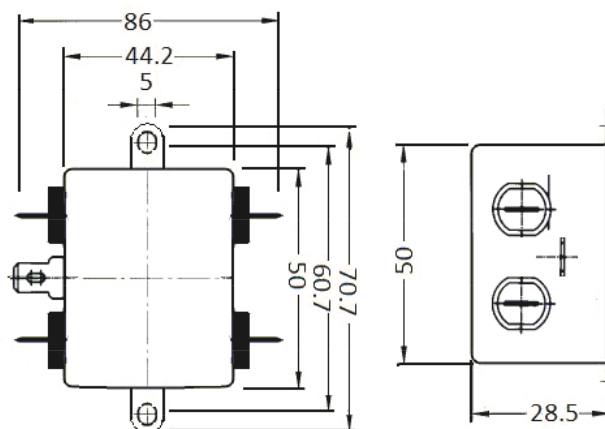


T1C

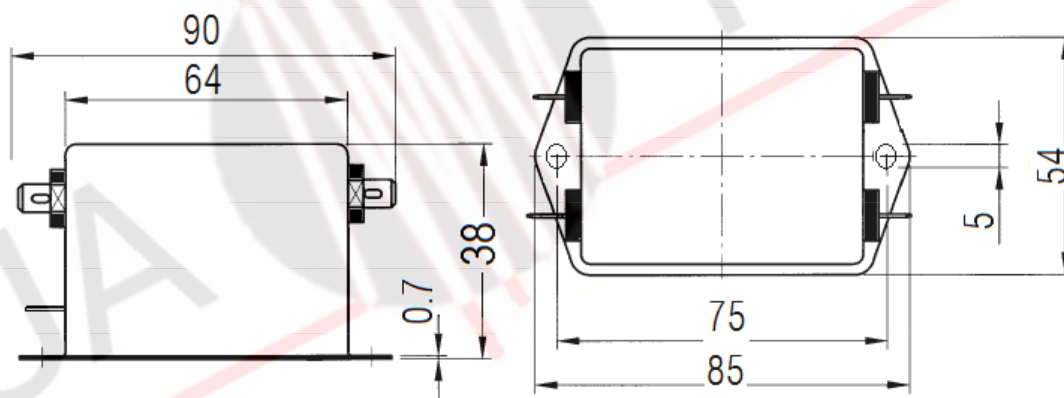


Dimensional Figures (尺寸圖) (Unit : mm)

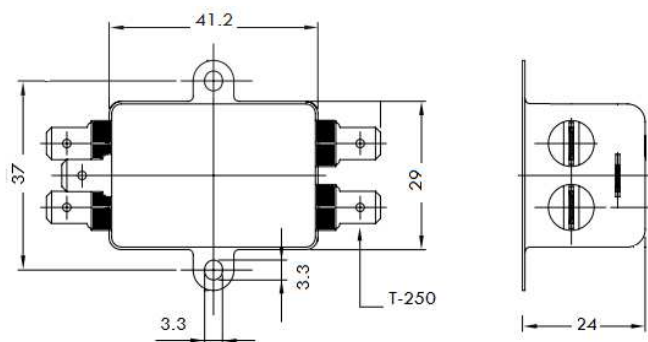
TC1



TH

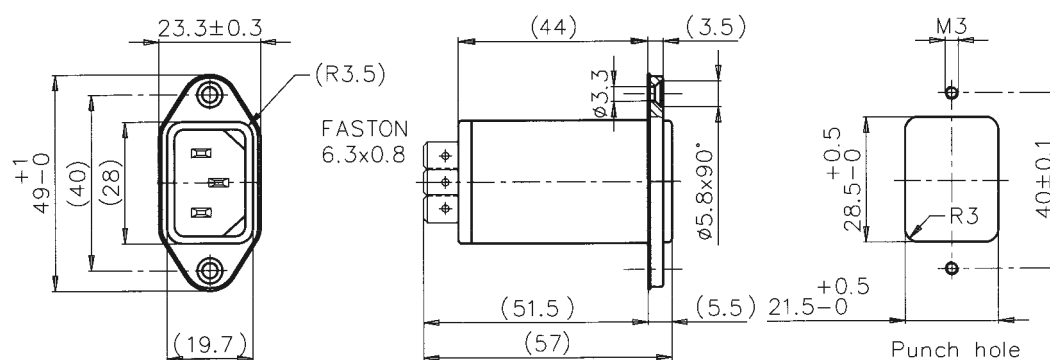


T4



Dimensional Figures (尺寸圖) (Unit : mm)

T1D



ZCB

