FILTERS AC SINGLE PHASE SERIES FILTERS

AC Single Phase Series Filters

Filtemc

Features & Applications

- Effectively suppress the electromagnetic interference on line to line and line to ground
- Highly efficient and cost-effective
- Suitable for switching power supply, UPS, vending machines, embroidery machines, oscilloscopes, industrial computers, controllers and many other devices
- Medical appliances optional （H type）
- Safety approval:

FT110/FT111 Series

RoHS

Technical data

Rated Voltage	110/250VAC		Rated Current@40℃	0.5A～250A
Test Voltage	line-line	1760VDC	Climatic Category	25/085/21
	line-ground	2000VAC	Operating Frequency	50/60Hz

Tabulates

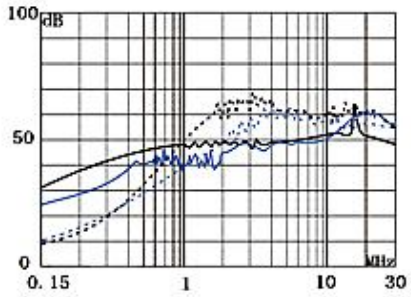
Part No.	Rated current @40℃	Leakage current 250VAC/50Hz @20℃	Dimension	Electrical schematics	Termination			Weight (g)
FT110-1	1A	<0.5mA	Fig.1	Fig.1	---	---	○	65
FT110-3	3A	<0.5mA	Fig.1	Fig.1	---	---	○	65
FT110-6	6A	<0.5mA	Fig.1	Fig.1	---	---	○	65
FT110-10	10A	<0.5mA	Fig.2	Fig.1	---	○	---	75
FT111-6	6A	<1.0mA	Fig.3/ Fig.4	Fig.2	M4	○	---	140
FT111-10	10A	<1.0mA	Fig.3/ Fig.4	Fig.2	M4	○	---	170
FT111-20	20A	<1.0mA	Fig.3/ Fig.4	Fig.2	M4	○	---	170
FT111-30	30A	<1.0mA	Fig.5	Fig.2	M6	---	---	320
FT111-50	50A	<2.0mA	Fig.6	Fig.2	M6	---	---	600
FT111-100	100A	<2.0mA	Fig.7	Fig.2	M8	---	---	1380
FT111-150	150A	<2.0mA	Fig.8	Fig.2	M10	---	---	1900
FT111-200	200A	<2.0mA	Fig.8	Fig.2	M10	---	---	1900

★ medical appliance series filters(H type) The leakage current is less than 2μA under the condition 250VAC/50HZ@20℃

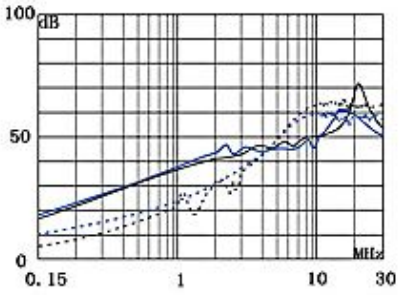
Electrical schematics

FILTERS AC SINGLE PHASE SERIES FILTERS

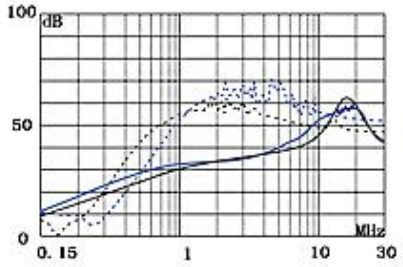
—— common mode-----differential mode



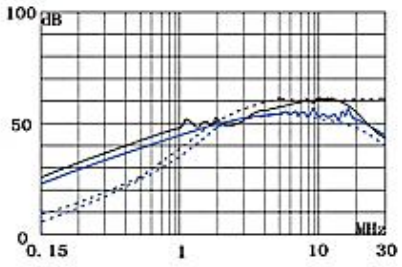
FT110–1 FT110–3



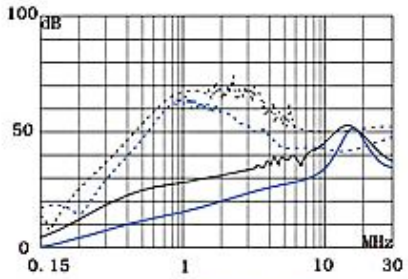
FT110–6 FT110–10



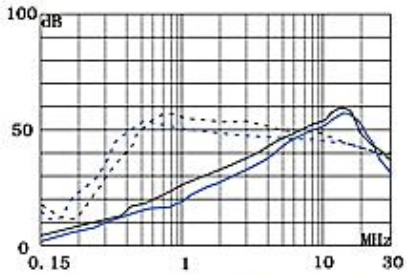
FT111–20 FT111–30



FT111–6 FT111–10



FT111–50 FT111–100



FT111–150 FT111–200

Outline drawing and dimensions(mm)

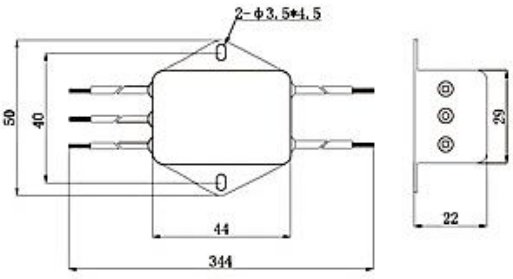


Fig.1

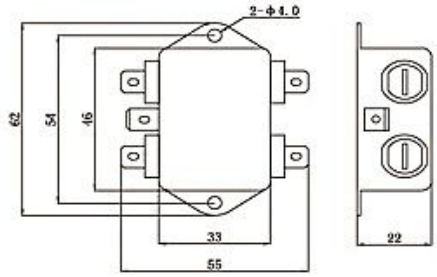


Fig.2

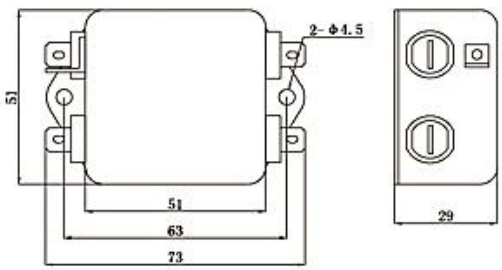


Fig.3

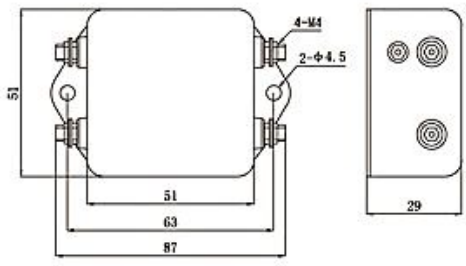


Fig.4

CÔNG TY NGUYÊN HÙNG VINH CUNG CẤP SẢN PHẨM NÀY TẠI : 90 Calmette -P Nguyễn Thái Bình -Q1 - TPHCM