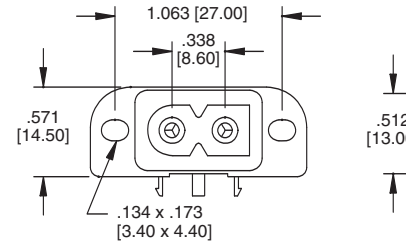
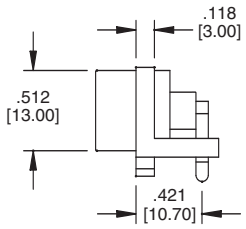
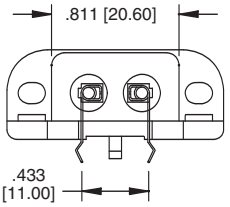
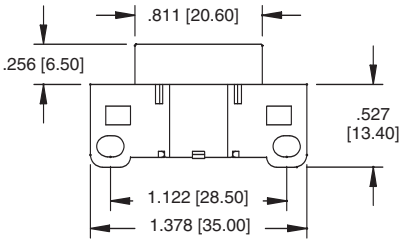
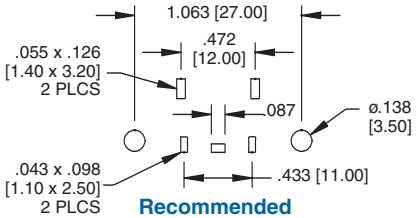
IEC-NF-4
RIGHT ANGLE
PANEL MOUNT



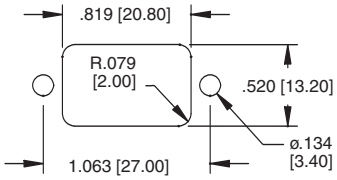






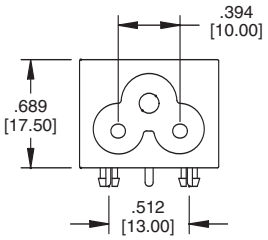


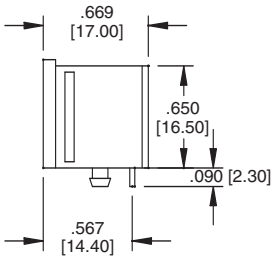
Recommended PCB Layout

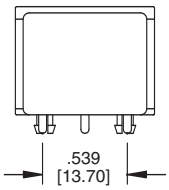


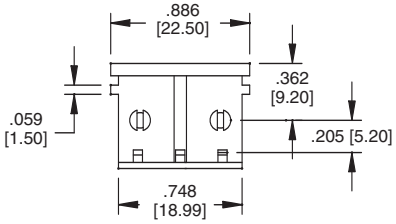
Recommended Panel Cut-Out

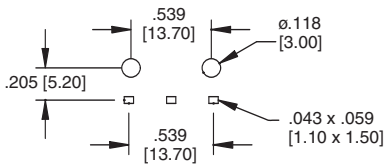
IEC-NH-4
RIGHT ANGLE
SLIDE ON PANEL



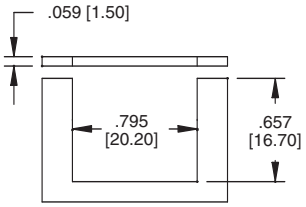






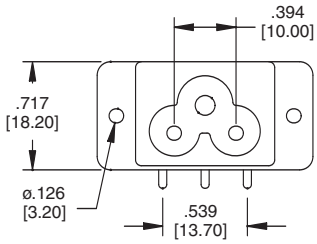


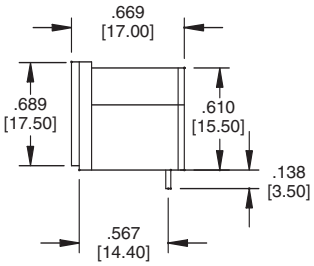
Recommended PCB Layout

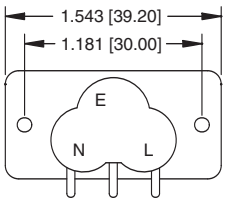


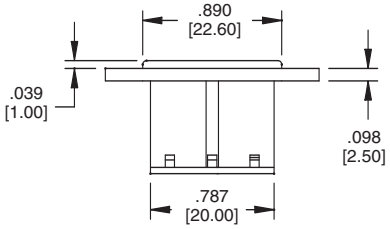
Recommended Panel Cut-Out

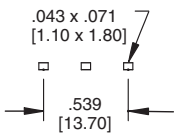
IEC-NH-A-4
RIGHT ANGLE
SCREW ON PANEL MOUNT



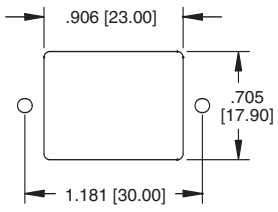








Recommended PCB Layout



Recommended Panel Cut-Out

EMI/RFI POWER LINE FILTERS

PCB & CHASSIS MOUNT FILTERS

PLF SERIES

INTRODUCTION:
Adam Tech PLF Series is a complete range of Power Line Filters designed for use in electric equipment that needs to meet FCC and other worldwide agency requirements for EMI/RFI emissions. This series offers numerous termination styles and levels of filtering and circuit protection for specific applications. Included are chassis mount, chassis mount with IEC Power Connector, panel mount and power entry modules with integral fuse and or switch.

FEATURES:
Modules offer compact space and cost effectiveness
Meets low leakage requirements
Superior common mode and differential mode attenuation.

MATING CONNECTORS:
Adam Tech PC series power cords and all international IEC 60320 power supply cords.

SPECIFICATIONS:

Material:

Insulator: Polycarbonate or Nylon 66, glass filled, rated UL94V-0
Insulator Color: Black
Contacts: Phosphor Bronze
Casing: Thermoplastic rated UL94V-0 or Copper Alloy, nickel plated

Terminal Plating:

Quick connect: Nickel over copper underplate
Solder terminals: Tin over copper underplate
PC Pins: Tin over copper underplate

Electrical:

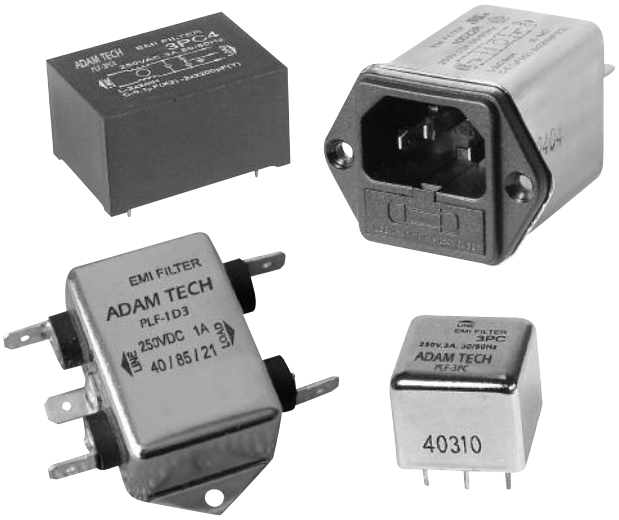
Operation Voltage: 120 / 250V AC
Current Rating: UL & CSA: 15 Amps Max,
VDE: 10 Amps Max.
Insulation Resistance: 3000 MΩ Min.
Dielectric Withstanding Voltage: 1500V AC for 1 Minute
Leakage Current: 0.5mA Max 250V, 50Hz

Temperature Rating:

Operation Temperature: -40°C to +85°C

PACKAGING:
Anti-ESD plastic trays

SAFETY AGENCY APPROVALS:
UL/CSA Recognized File No. E244331



ORDERING INFORMATION

PLF **3P4C**

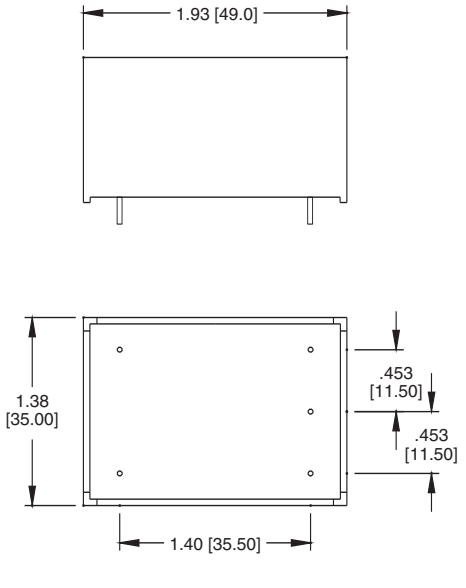
SERIES INDICATOR
PLF = EMI/RFI
Power Line Filter

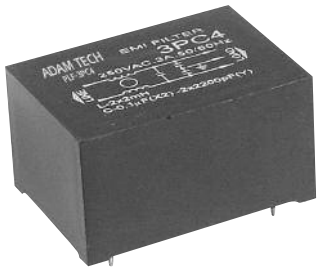
BODY STYLE
3PC4 = Plastic Case PCB Mount
1PC = Metal Case PCB Mount
2PC = Metal Case PCB Mount
3PC = Metal Case PCB Mount
6PC = Metal Case PCB Mount
1D3 = Small Outline Chassis Mount
3D3 = Small Outline Chassis Mount
6D3 = Small Outline Chassis Mount
10D32 = Small Outline Chassis Mount
6D1 = Medium Outline Chassis Mount
10D1 = Medium Outline Chassis Mount
15D1 = Medium Outline Chassis Mount
3DZB21 = Screw In Chassis Mount
6DZB21 = Screw In Chassis Mount
10DZB21 = Screw In Chassis Mount
15DZB2 = Screw In Chassis Mount
1DZ2 = Inlet Socket with Flange Mounting
3DZ2 = Inlet Socket with Flange Mounting
6DZ2 = Inlet Socket with Flange Mounting
10DZ2 = Inlet Socket with Flange Mounting
1DZ2R = Fused Inlet Socket with Flange Mounting
3DZ2R = Fused Inlet Socket with Flange Mounting
6DZ2R = Fused Inlet Socket with Flange Mounting
10DZ2R = Fused Inlet Socket with Flange Mounting
1DZ2KR = Flanged Module with Fuse & Switch
3DZ2KR = Flanged Module with Fuse & Switch
6DZ2KR = Flanged Module with Fuse & Switch
10DZ2KR = Flanged Module with Fuse & Switch

EMI/RFI POWER LINE FILTERS

PLASTIC CASE PCB MOUNT

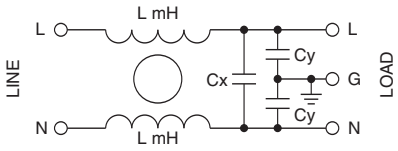
PLF SERIES





PLF-3PC4

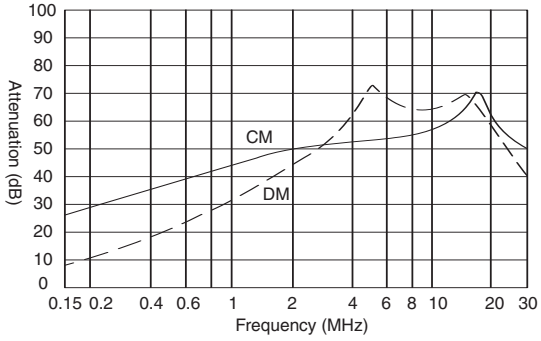
PART NUMBER	RATED VOLTAGE	RATED CURRENT	GROUND CAPACITANCE	LEAKAGE CURRENT
PLF-3PC4	250V AC	3 AMP	2.2 nF	0.5mA MAX.



CIRCUIT DIAGRAM

Insertion Loss in dB (Measured in 50Ω systems, as IEC / cispr No. 17)

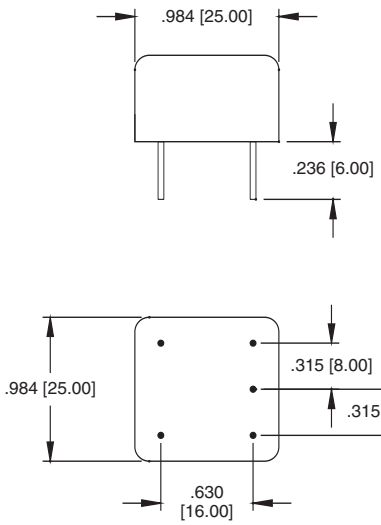
PLF-3PC4



EMI/RFI POWER LINE FILTERS

METAL CASE PCB MOUNT

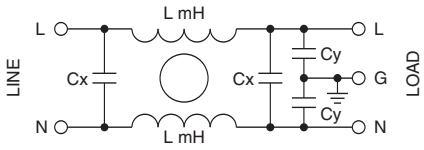
PLF SERIES



PLF-3PC

DIM "A"	
PLF-1PC	.590 [15.00]
PLF-2PC	.787 [20.00]
PLF-3PC	.787 [20.00]
PLF-6PC	.787 [20.00]

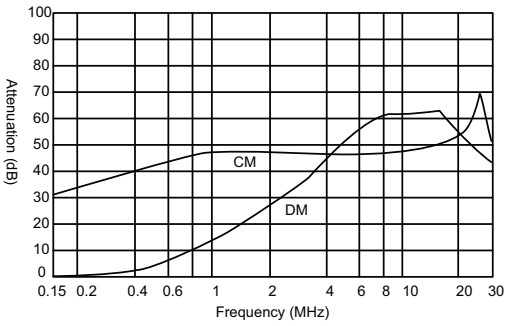
PART NUMBER	RATED VOLTAGE	RATED CURRENT	GROUND CAPACITANCE	LEAKAGE CURRENT
PLF-1PC	250V AC	1 AMP	2.2 nF	0.5mA MAX.
PLF-2PC	250V AC	2 AMP	2.2 nF	0.5mA MAX.
PLF-3PC	250V AC	3 AMP	2.2 nF	0.5mA MAX.
PLF-6PC	250V AC	6 AMP	3.3 nF	0.5mA MAX.



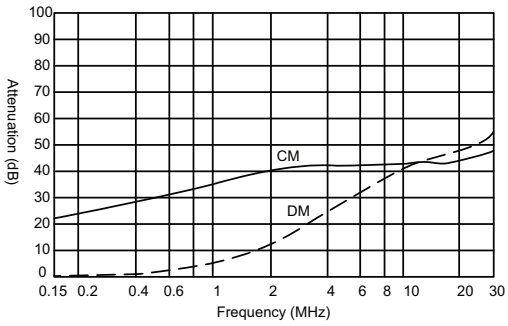
CIRCUIT DIAGRAM

Insertion Loss in dB (Measured in 50Ω systems, as IEC / cispr No. 17)

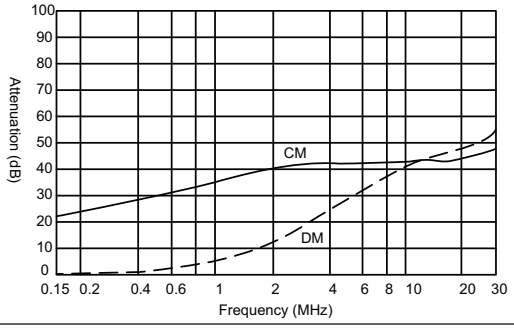
PLF-1PC



PLF-2PC



PLF-3PC



PLF-6PC