

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