

#### 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: -25°C to +70°C

#### PACKAGING:

Anti-ESD plastic trays

#### SAFETY AGENCY APPROVALS:

UL Recognized & CSA Certified, File no. E244331



#### ORDERING INFORMATION

