

# **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 M $\Omega$  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:**

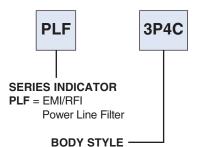
UL/CSA Recognized File No. E244331







## ORDERING INFORMATION



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