# ME200/ME220系列交流直流电源滤波器

ME200/ME220 Series AC DC Power Filters

## 产品及应用/products applications

- 价格低廉、通用性强
- 泄露电流低，应用广泛
- 能有效抑制线对线、线对地之间的电磁干扰
- 应用于开关电源、UPS等电力电子设备、通用电子设备商用终端、电子监测、计算机、计算设 备、医疗行业

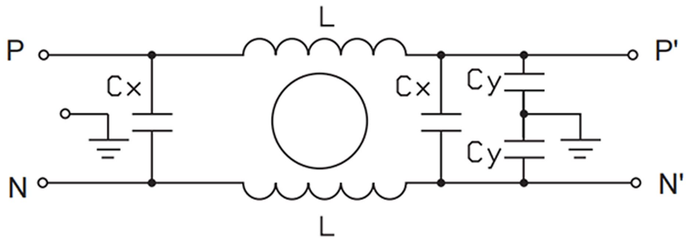
- low price and strong versatility
- Low leakage current, widely used
- Effectively suppresses electromagnetic interference between lines and between line and ground
- It is used in power electronic equipment such as switch-mode power supplies and UPS, general electronic equipment, commercial terminals, electronic monitoring, computers, computing, and the medical industry

## 技术参数/Specification

| 最高工作电压 Maximum operating voltage(VAC) | 工作频率 Operating frequency Hz | 试验电压 Hipot test voltage | | 泄漏电流 Leakage current | 绝缘电阻 Minimum insulation resistance |
|---|---|---|---|---|---|
| | | P-N(VDC) | PN-E(VAC) | | |
| 250 | 50/60 | 1500 | 1800 | 1.5 MA@250VAC/50HZ | >100MQ@500VDC |

| 产品型号 FILTER | 端接方式 Connections | 额定电流 Current rating (@40℃) A | 外形尺寸 Housing | 泄漏电流 Leakage current | 电路参数 Components | | | | 重量 Weight(g) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | L(mH) | Cx(uF) | Cy(nF) | R(MΩ) | |
| ME200-1/W | W | 1 | D1 | ≤1.5mA | 5.5 | 0.1 | 2.2 | --- | 65 |
| ME200-3/W | W | 3 | D1 | ≤1.5mA | 2.5 | 0.1 | 2.2 | --- | 65 |
| ME200-6/W | W | 6 | D1 | ≤1.5mA | 0.8 | 0.1 | 2.2 | --- | 65 |
| ME200-10/W | W | 10 | D1 | ≤1.5mA | 1.0 | 0.22 | 2.2 | 1.0 | 65 |

| 电流 Current rating | 共模/差模（CM/DM）(在50/50Ω条件下测试) f（MHz） | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0.01 | 0.05 | 0.10 | 0.15 | 0.5 | 1.0 | 5.0 | 10 | 20 | 30 |
| 1A | 15/6 | 28/15 | 35/16 | 38/15 | 38/53 | 43/53 | 54/60 | 56/60 | 60/60 | 65/60 |
| 3A | 21/7 | 28/15 | 30/20 | 31/21 | 36/53 | 42/53 | 57/63 | 69/69 | 62/68 | 62/68 |
| 6A | 18/6 | 25/15 | 27/19 | 29/21 | 33/48 | 39/50 | 53/63 | 63/69 | 69/65 | 68/68 |
| 10A | 21/8 | 33/18 | 36/24 | 38/25 | 42/56 | 47/58 | 56/59 | 59/63 | 68/60 | 62/65 |

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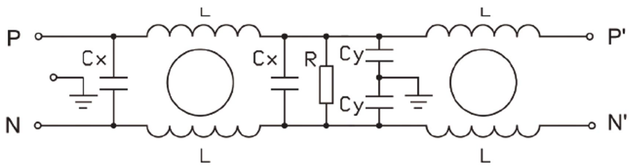
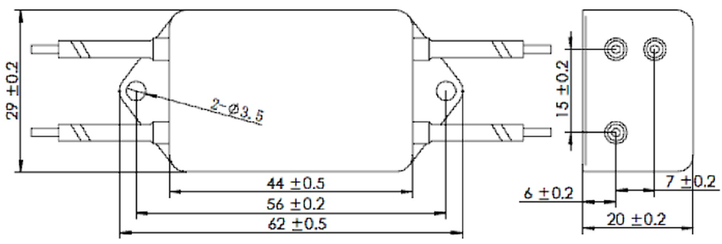
|---|---|---|---|---|---|---|---|---|---|
| | | | | | L(mH) | Cx(uF) | Cy(nF) | R(MΩ) | |
| ME220-1/W | W | 1 | D1 | <1.5mA | 7.8 | 100 | 2.2 | 1.5 | 65 |
| ME220-3/W | W | 3 | D1 | <1.5mA | 2.5 | 100 | 2.2 | 1.5 | 65 |
| ME220-6/W | W | 6 | D1 | <1.5mA | 1.0 | 100 | 2.2 | 1.5 | 65 |
| ME220-10/W | W | 10 | D1 | <1.5mA | 0.5 | 220 | 2.2 | 1.0 | 65 |

| 电流 Current rating | 共模/差模（CM/DM）(在50/50Ω条件下测试) f（MHz） | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0.01 | 0.05 | 0.10 | 0.15 | 0.5 | 1.0 | 5.0 | 10 | 20 | 30 |
| 1A | 18/7 | 23/18 | 45/22 | 55/25 | 70/68 | 74/74 | 74/74 | 72/72 | 70/70 | 68/68 |
| 3A | 14/5 | 19/16 | 38/21 | 48/22 | 68/55 | 72/70 | 74/74 | 72/72 | 70/70 | 68/68 |
| 6A | 10/7 | 18/16 | 25/22 | 35/24 | 54/29 | 64/70 | 74/74 | 74/74 | 72/75 | 70/72 |
| 10A | 7/8 | 10/18 | 31/28 | 44/20 | 72/76 | 77/78 | 66/72 | 60/70 | 55/65 | 52/65 |




## 外型尺寸/Housing and dimensions:（mm）




D1