

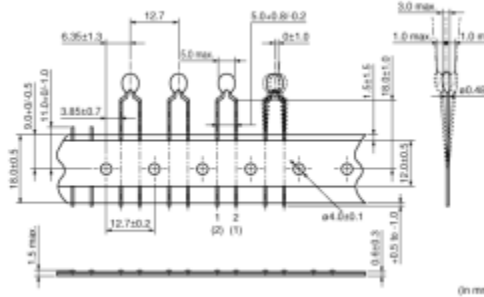
VFC2HL81C474K1M1#

“#” indicates a package specification code.



< List of part numbers with package codes >
VFC2HL81C474K1M1A

Appearance & Shape



Features

VFC2H series is EMI suppression filters of lead type that combines the varistor and capacitor.

1. Suitable for absorbing surge voltages occurred from inductive load of motors, relays, etc.
2. High maximum energy
3. Smaller size, High capacitance
4. Taping is capable of fast implementation of automatic insertion.

Applications

| | |
|------------------|-------------------|
| Automotive Usage | Powertrain/Safety |
|------------------|-------------------|

Packaging Information

| Packaging | Specifications | Minimum Order Quantity |
|-----------|----------------|------------------------|
| A | Ammo Pack | 2000 |

Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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Specifications

| | |
|-----------------------------|-------------------------------------------|
| Shape | Lead |
| Length | 5.0mm |
| Length Tolerance | max. |
| Width | 3.0mm |
| Width Tolerance | max. |
| Thickness | 6.0mm |
| Thickness Tolerance | max. |
| Operating Temperature Range | -55°C to 150°C |
| Mass(typ.) | 0.16g |
| Insulation Resistance(min.) | 1MΩ |
| Rated Voltage | 16Vdc |
| Varistor Voltage | 22Vdc |
| Varistor Voltage Tolerance | +5/-0V |
| Capacitance | 470nF |
| Capacitance Tolerance | ±10% |
| Temperature Characteristics | ±15% (to 125°C) +15%/-40%(125°C to 150°C) |
| Peak Pulse Current | 200A |

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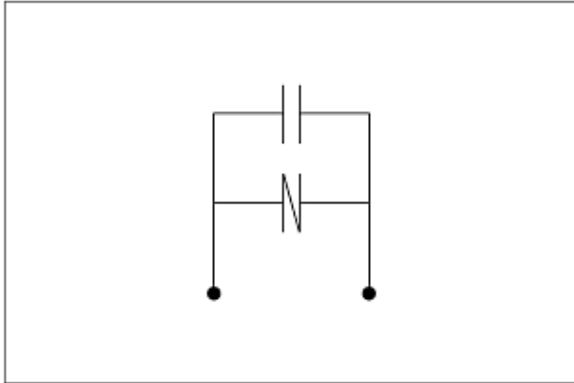
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 Product Data



Equivalent Circuit

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