Note: This datasheet may be out of date

Please download the latest datasheet of VFC2HR71E105K3M1# from the official website of Murata

Manufacturing Co., Ltd.

https://www.murata.com/en-global/products/productdetail?partno=VFC2HR71E105K3M1%23

VFC2HR71E105K3M1#

"#" indicates a package specification code.







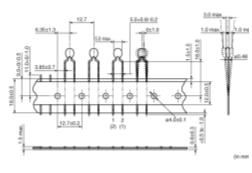


< List of part numbers with package codes > VFC2HR71E105K3M1A



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
Usane

Powertrain/Safety



Packaging Information

Packaging	Specifications	Minimum Order Quantity
А	Ammo Pack	2000

1 of 3

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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VFC2HR71E105K3M1#

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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 125°C
Mass(typ.)	0.16g
Insulation Resistance(min.)	1ΜΩ
Rated Voltage	26Vdc
Varistor Voltage	33Vdc
Varistor Voltage Torelance	+6/-0V
Capacitance	1μF
Capacitance Tolerance	±10%
Temperature Characteristics	±15%
Peak Pulse Current	200A

2 of 3

Attention

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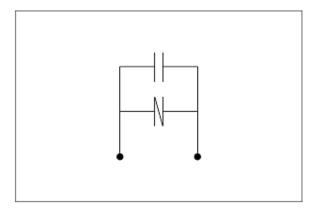
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VFC2HR71E105K3M1#

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Equivalent Circuit

3 of 3

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