

# VFS6VD81E221U31#

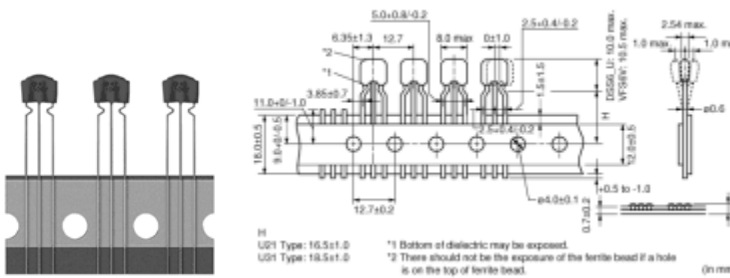
“#” indicates a package specification code.



< List of part numbers with package codes >  
VFS6VD81E221U31A

## Appearance & Shape

## Packaging Information



Packaging	Specifications	Minimum Order Quantity
A	Ammo Pack	2000

## Applications

Other Usage	For general
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**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.  
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## Features

VFS6V series is designed for surge protection of signal line. It protects electric circuit from surges such as static electricity and suppresses EMI noise. Built-in ferrite bead gives excellent EMI suppression.

### Applications

Elimination of noise and protection of electric circuits in office equipment, including computers and peripheral equipment, copy machines, and communication terminals.

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## Specifications

Shape	Lead
Length	8.0mm
Length Tolerance	max.
Width	2.54mm
Width Tolerance	max.
Thickness	10.5mm
Thickness Tolerance	max.
Rated Current	6A
Operating Temperature Range	-40°C to 105°C
Mass(typ.)	0.48g
Rated Voltage	25Vdc
Varistor Voltage	50Vdc
Varistor Voltage Tolerance	±20%
Capacitance	220pF
Capacitance Tolerance	±20%
Peak Pulse Current	100A

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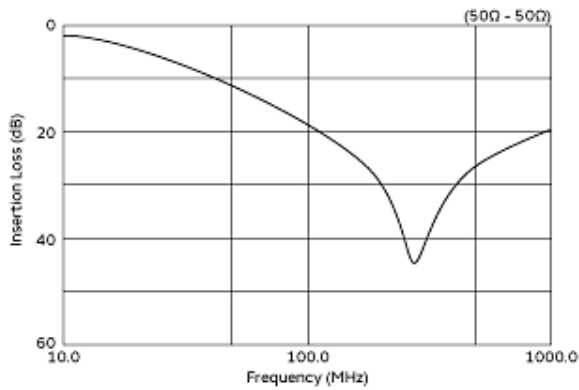
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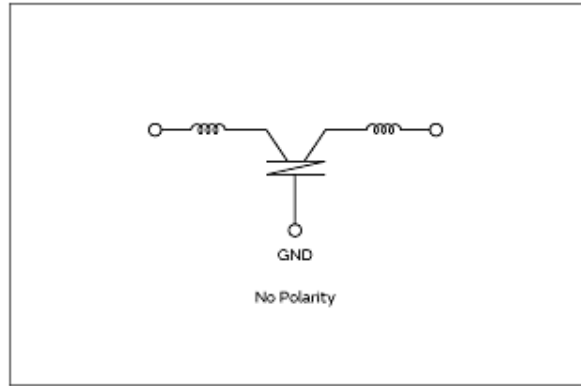
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## Product Data



Insertion Loss Characteristics



Equivalent Circuit

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