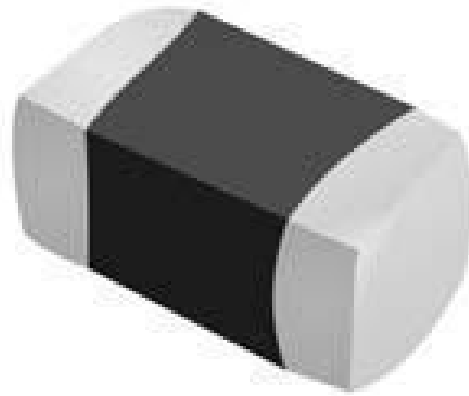


叠层片式压敏电阻器—JYMV 系列
Multilayer Chip Varistor JYMV Series
Operating Temp. : -55℃~+125℃



FEATURES/APPLICATOINS

- SMD type suitable for high density mounting
- Excellent clamping ratio and quick response time (<0.5ns)
Excellent solderability (Ni, Sn plating)
- Transient voltage protection for IC and transistor
- ESD and I/O protection
- EFT and burst protection
- Portable equipment protection, such as mobilephone, PDA, etc

产品型号

PRODUCT IDENTIFICATION

JYMV

①

0603

②

A

③

180

④

N121

⑤

T

⑥

①

| 分类 Type | |
|---------|--------------------------|
| JYMV | 片式压敏电阻器 Chip Varistor |

②

| 外形尺寸 (L×W) (mm) External Dimensions (L×W) (mm) | |
|---|----------|
| 0402 | 1.0×0.5 |
| 0603 | 1.6×0.8 |
| 0805 | 2.0×1.25 |
| 1206 | 3.2×1.6 |

③

| 特征代号 Feature Code | |
|-------------------|---------------------|
| A | For General Use |
| E | For ESD |
| H | For High Speed |
| S | For special request |

④

| 直流工作电压 Maximum Continuous Working Voltage | |
|--|---------------|
| Example | Nominal Value |
| 5R5 | 5.5V |
| 180 | 18V |

⑤

| 电容 Capacitance @1MHz | |
|----------------------|---------------|
| Example | Nominal Value |
| 121 | 120pF |
| 152 | 1500pF |

| 电容公差 Tolerance of Capacitance | |
|----------------------------------|------------|
| N | ±30% |
| Y | +100%~-50% |
| G | Maximum |

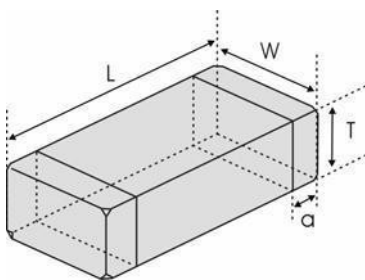
⑥

| 包装 Packing | |
|------------|--------------|
| T | 编带 Tape Reel |

外观尺寸

SHAPE AND DIMENSIONS

Unit: mm [inch]



| Type | L | W | T | a |
|--------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| JYMV0402 [0402] | 1.0±0.15 [.039±.006] | 0.5±0.15 [.020±.006] | 0.5±0.15 [.020±.006] | 0.25±0.1 [.010±.004] |
| JYMV0603 [0603] | 1.6±0.15 [.063±.006] | 0.8±0.15 [.031±.006] | 0.8±0.15 [.031±.006] | 0.3±0.2 [.012±.008] |
| JYMV0805 [0805] | 2.0±0.2 [.079±.008] | 1.25±0.2 [.049±.008] | 0.85±0.2 [.033±.008] | 0.5±0.3 [.020±.012] |
| JYMV1206 [1206] | 3.2±0.2 [.126±.008] | 1.6±0.2 [.063±.008] | 0.85±0.2 [.033±.008] | 0.5±0.3 [.020±.012] |

规格特性

SPECIFICATIONS

JYMV0402A TYPE

| Part Number 型号 | Max. Working Voltage 最大工作电压 | | Varistor Voltage 压敏电压 | Max. Clamping Voltage 限制电压 | | Rated Single Pulse Transient 额定脉冲耐量 | | Typical Capacitance 电容 |
|------------------------|--------------------------------|------------------|--------------------------|-------------------------------|-----------------|--|---------------------------------|--------------------------------|
| Test Condition 测试条件 | <20 μ A | | @1mA DC | 8/20 μ s | ESD | Energy 10/1000 μ s | Peak Current 8/20 μ s | @0.5V _{rms} , 1MHz |
| | DC | AC RMS | | | | | | |
| Units 单位 | Volts | Volts | Volts | Volts | Volts | Joules | Amps | pF |
| Symbol 符号 | V _{WDC} | V _{WAC} | V _B | V _{C1} | V _{C2} | E _T | I _P | C |
| JYMV0402A5R5□181T | 5.5 | 4.0 | 10.0-14.0 | 18 | 23 | 0.05 | 20 | 180 |
| JYMV0402A5R5□231T | 5.5 | 4.0 | 10.0-14.0 | 18 | 23 | 0.05 | 20 | 230 |
| JYMV0402A5R5□361T | 5.5 | 4.0 | 10.0-14.0 | 18 | 23 | 0.05 | 20 | 360 |
| JYMV0402A090□121T | 9.0 | 6.4 | 11.0-16.0 | 20 | 26 | 0.05 | 20 | 120 |
| JYMV0402A090□151T | 9.0 | 6.4 | 11.0-16.0 | 20 | 26 | 0.05 | 20 | 150 |
| JYMV0402A090□231T | 9.0 | 6.4 | 11.0-16.0 | 20 | 26 | 0.05 | 20 | 230 |
| JYMV0402A140□121T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.05 | 20 | 120 |
| JYMV0402A140□161T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.05 | 20 | 160 |

JYMV0603A TYPE

| Part Number 型号 | Max. Working Voltage 最大工作电压 | | Varistor Voltage 压敏电压 | Max. Clamping Voltage 限制电压 | | Rated Single Pulse Transient 额定脉冲耐量 | | Typical Capacitance 电容 |
|------------------------|--------------------------------|------------------|--------------------------|-------------------------------|-----------------|--|---------------------------------|--------------------------------|
| Test Condition 测试条件 | <20 μ A | | @1mA DC | 8/20 μ s | ESD | Energy 10/1000 μ s | Peak Current 8/20 μ s | @0.5V _{rms} , 1MHz |
| | DC | AC RMS | | | | | | |
| Units 单位 | Volts | Volts | Volts | Volts | Volts | Joules | Amps | pF |
| Symbol 符号 | V _{WDC} | V _{WAC} | V _B | V _{C1} | V _{C2} | E _T | I _P | C |
| JYMV0603A5R5□121T | 5.5 | 4.0 | 10.0-14.0 | 18 | 23 | 0.05 | 20 | 120 |
| JYMV0603A5R5□141T | 5.5 | 4.0 | 10.0-14.0 | 18 | 23 | 0.05 | 20 | 140 |
| JYMV0603A5R5□231T | 5.5 | 4.0 | 10.0-14.0 | 18 | 23 | 0.1 | 30 | 230 |
| JYMV0603A5R5□361T | 5.5 | 4.0 | 10.0-14.0 | 18 | 23 | 0.1 | 30 | 360 |
| JYMV0603A5R5□551T | 5.5 | 4.0 | 10.0-14.0 | 18 | 23 | 0.1 | 30 | 550 |
| JYMV0603A5R5□821T | 5.5 | 4.0 | 10.0-14.0 | 18 | 23 | 0.1 | 30 | 820 |
| JYMV0603A090□121T | 9.0 | 6.4 | 11.0-16.0 | 20 | 26 | 0.05 | 20 | 120 |
| JYMV0603A090□141T | 9.0 | 6.4 | 11.0-16.0 | 20 | 26 | 0.05 | 20 | 140 |
| JYMV0603A090□231T | 9.0 | 6.4 | 11.0-16.0 | 20 | 26 | 0.1 | 30 | 230 |
| JYMV0603A090□361T | 9.0 | 6.4 | 11.0-16.0 | 20 | 26 | 0.1 | 30 | 360 |
| JYMV0603A090□551T | 9.0 | 6.4 | 11.0-16.0 | 20 | 26 | 0.1 | 30 | 550 |
| JYMV0603A090□821T | 9.0 | 6.4 | 11.0-16.0 | 20 | 26 | 0.1 | 30 | 820 |
| JYMV0603A140□121T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.05 | 20 | 120 |
| JYMV0603A140□141T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.05 | 20 | 140 |
| JYMV0603A140□251T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.1 | 30 | 250 |
| JYMV0603A140□361T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.1 | 30 | 360 |
| JYMV0603A140□551T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.1 | 30 | 550 |
| JYMV0603A180□121T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.05 | 20 | 120 |
| JYMV0603A180□141T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.05 | 20 | 140 |
| JYMV0603A180□231T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.1 | 30 | 230 |
| JYMV0603A180□361T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.1 | 30 | 360 |
| JYMV0603A260□121T | 26.0 | 18.4 | 31.0-38.0 | 58 | 70 | 0.1 | 30 | 120 |
| JYMV0603A260□161T | 26.0 | 18.4 | 31.0-38.0 | 58 | 70 | 0.1 | 30 | 160 |
| JYMV0603A300□121T | 30.0 | 21.3 | 37.0-46.0 | 65 | 78 | 0.1 | 30 | 120 |
| JYMV0603A300□141T | 30.0 | 21.3 | 37.0-46.0 | 65 | 78 | 0.1 | 30 | 140 |

规格特性

SPECIFICATIONS

JYMV0805A TYPE

| Part Number 型号 | Max. Working Voltage 最大工作电压 | | Varistor Voltage 压敏电压 | Max. Clamping Voltage 限制电压 | Rated Single Pulse Transient 额定脉冲耐量 | | Typical Capacitance 电容 |
|------------------------|--------------------------------|------------------|--------------------------|-------------------------------|--|------------------------------|--------------------------------|
| | DC | AC RMS | | | Energy 10/1000 μ s | Peak Current 8/20 μ s | |
| Test Condition 测试条件 | <20 μ A | | @1mA DC | 8/20 μ s | | | @0.5V _{rms} , 1MHz |
| Units 单位 | Volts | Volts | Volts | Volts | Joules | Amps | pF |
| Symbol 符号 | V _{WDC} | V _{WAC} | V _B | V _C | E _T | I _P | C |
| JYMV0805A5R5□901T | 5.5 | 4.0 | 10.0-14.0 | 18 | 0.2 | 60 | 900 |
| JYMV0805A5R5□122T | 5.5 | 4.0 | 10.0-14.0 | 18 | 0.3 | 120 | 1200 |
| JYMV0805A5R5□202T | 5.5 | 4.0 | 10.0-14.0 | 18 | 0.4 | 150 | 2000 |
| JYMV0805A090□701T | 9.0 | 6.4 | 11.0-16.0 | 20 | 0.2 | 60 | 700 |
| JYMV0805A090□102T | 9.0 | 6.4 | 11.0-16.0 | 20 | 0.3 | 120 | 1000 |
| JYMV0805A090□162T | 9.0 | 6.4 | 11.0-16.0 | 20 | 0.4 | 150 | 1600 |
| JYMV0805A140□401T | 14.0 | 10.0 | 16.0-22.0 | 30 | 0.2 | 60 | 400 |
| JYMV0805A140□701T | 14.0 | 10.0 | 16.0-22.0 | 30 | 0.3 | 120 | 700 |
| JYMV0805A140□901T | 14.0 | 10.0 | 16.0-22.0 | 30 | 0.4 | 150 | 900 |
| JYMV0805A180□301T | 18.0 | 12.7 | 22.0-28.0 | 40 | 0.2 | 60 | 300 |
| JYMV0805A180□501T | 18.0 | 12.7 | 22.0-28.0 | 40 | 0.3 | 120 | 500 |
| JYMV0805A180□701T | 18.0 | 12.7 | 22.0-28.0 | 40 | 0.4 | 150 | 700 |
| JYMV0805A260□251T | 26.0 | 18.4 | 31.0-38.0 | 58 | 0.2 | 60 | 250 |
| JYMV0805A260□401T | 26.0 | 18.4 | 31.0-38.0 | 58 | 0.3 | 120 | 400 |
| JYMV0805A300□181T | 30.0 | 21.3 | 37.0-46.0 | 65 | 0.2 | 60 | 180 |
| JYMV0805A300□301T | 30.0 | 21.3 | 37.0-46.0 | 65 | 0.3 | 120 | 300 |

JYMV1206A TYPE

| Part Number 型号 | Max. Working Voltage 最大工作电压 | | Varistor Voltage 压敏电压 | Max. Clamping Voltage 限制电压 | Rated Single Pulse Transient 额定脉冲耐量 | | Typical Capacitance 电容 |
|------------------------|--------------------------------|------------------|--------------------------|-------------------------------|--|------------------------------|--------------------------------|
| | DC | AC RMS | | | Energy 10/1000 μ s | Peak Current 8/20 μ s | |
| Test Condition 测试条件 | <20 μ A | | @1mA DC | 8/20 μ s | | | @0.5V _{rms} , 1MHz |
| Units 单位 | Volts | Volts | Volts | Volts | Joules | Amps | pF |
| Symbol 符号 | V _{WDC} | V _{WAC} | V _B | V _C | E _T | I _P | C |
| JYMV1206A5R5□202T | 5.5 | 4.0 | 10.0-14.0 | 18 | 0.4 | 150 | 2000 |
| JYMV1206A5R5□252T | 5.5 | 4.0 | 10.0-14.0 | 18 | 0.5 | 200 | 2500 |
| JYMV1206A090□162T | 9.0 | 6.4 | 11.0-16.0 | 20 | 0.4 | 150 | 1600 |
| JYMV1206A090□202T | 9.0 | 6.4 | 11.0-16.0 | 20 | 0.5 | 200 | 2000 |
| JYMV1206A140□901T | 14.0 | 10.0 | 16.0-22.0 | 30 | 0.3 | 120 | 900 |
| JYMV1206A140□122T | 14.0 | 10.0 | 16.0-22.0 | 30 | 0.4 | 150 | 1200 |
| JYMV1206A140□152T | 14.0 | 10.0 | 16.0-22.0 | 30 | 0.5 | 200 | 1500 |
| JYMV1206A180□701T | 18.0 | 12.7 | 22.0-28.0 | 40 | 0.3 | 120 | 700 |
| JYMV1206A180□901T | 18.0 | 12.7 | 22.0-28.0 | 40 | 0.4 | 150 | 900 |
| JYMV1206A180□122T | 18.0 | 12.7 | 22.0-28.0 | 40 | 0.5 | 200 | 1200 |
| JYMV1206A260□501T | 26.0 | 18.4 | 31.0-38.0 | 58 | 0.3 | 120 | 500 |
| JYMV1206A260□701T | 26.0 | 18.4 | 31.0-38.0 | 58 | 0.4 | 150 | 700 |
| JYMV1206A260□901T | 26.0 | 18.4 | 31.0-38.0 | 58 | 0.5 | 200 | 900 |
| JYMV1206A300□401T | 30.0 | 21.3 | 37.0-46.0 | 65 | 0.3 | 120 | 400 |
| JYMV1206A300□501T | 30.0 | 21.3 | 37.0-46.0 | 65 | 0.4 | 150 | 500 |
| JYMV1206A300□701T | 30.0 | 21.3 | 37.0-46.0 | 65 | 0.5 | 200 | 700 |
| JYMV1206A480□181T | 48.0 | 34.1 | 54.0-67.0 | 100 | 0.3 | 120 | 180 |
| JYMV1206A480□251T | 48.0 | 34.1 | 54.0-67.0 | 100 | 0.4 | 150 | 250 |
| JYMV1206A480□401T | 48.0 | 34.1 | 54.0-67.0 | 100 | 0.5 | 200 | 400 |

规格特性

SPECIFICATIONS

JYMV0402E TYPE

| Part Number 型号 | Max. Working Voltage 最大工作电压 | | Varistor Voltage 压敏电压 | Max. Clamping Voltage 限制电压 | | Rated Single Pulse Transient 额定脉冲耐量 | | Typical Capacitance 电容 |
|------------------------|--------------------------------|------------------|--------------------------|-------------------------------|------------------|--|---------------------------|---------------------------|
| | <20 μ A | | | @1mA DC | 8/20 μ s | ESD | Energy 10/1000 μ s | |
| Test Condition 测试条件 | DC | AC RMS | | | | | | |
| Units 单位 | Volts | Volts | Volts | Volts | Volts | Joules | Amps | pF |
| Symbol 符号 | V _{WDC} | V _{WAC} | V _B | V _{C 1} | V _{C 2} | E _T | I _P | C |
| JYMV0402E5R5□180T | 5.5 | 4.0 | 10.0-14.0 | 18 | 23 | 0.005 | 3 | 18 |
| JYMV0402E5R5□300T | 5.5 | 4.0 | 10.0-14.0 | 18 | 23 | 0.005 | 5 | 30 |
| JYMV0402E5R5□500T | 5.5 | 4.0 | 10.0-14.0 | 18 | 23 | 0.01 | 10 | 50 |
| JYMV0402E5R5□800T | 5.5 | 4.0 | 10.0-14.0 | 18 | 23 | 0.02 | 10 | 80 |
| JYMV0402E5R5□101T | 5.5 | 4.0 | 10.0-14.0 | 18 | 23 | 0.05 | 20 | 100 |
| JYMV0402E090□180T | 9.0 | 6.4 | 11.0-16.0 | 20 | 26 | 0.005 | 3 | 18 |
| JYMV0402E090□300T | 9.0 | 6.4 | 11.0-16.0 | 20 | 26 | 0.005 | 5 | 30 |
| JYMV0402E090□500T | 9.0 | 6.4 | 11.0-16.0 | 20 | 26 | 0.01 | 10 | 50 |
| JYMV0402E090□800T | 9.0 | 6.4 | 11.0-16.0 | 20 | 26 | 0.02 | 15 | 80 |
| JYMV0402E090□101T | 9.0 | 6.4 | 11.0-16.0 | 20 | 26 | 0.05 | 20 | 100 |
| JYMV0402E140□180T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.005 | 3 | 18 |
| JYMV0402E140□300T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.01 | 5 | 30 |
| JYMV0402E140□500T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.02 | 10 | 50 |
| JYMV0402E140□800T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.03 | 15 | 80 |
| JYMV0402E140□101T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.05 | 20 | 100 |
| JYMV0402E180□150T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.005 | 2 | 15 |
| JYMV0402E180□180T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.01 | 5 | 18 |
| JYMV0402E180□300T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.02 | 10 | 30 |
| JYMV0402E180□500T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.02 | 10 | 50 |
| JYMV0402E180□800T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.03 | 15 | 80 |
| JYMV0402E180□101T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.05 | 20 | 100 |
| JYMV0402E260□180T | 26.0 | 18.4 | 31.0-38.0 | 58 | 70 | 0.02 | 5 | 18 |
| JYMV0402E260□300T | 26.0 | 18.4 | 31.0-38.0 | 58 | 70 | 0.03 | 10 | 30 |
| JYMV0402E260□500T | 26.0 | 18.4 | 31.0-38.0 | 58 | 70 | 0.03 | 10 | 50 |

JYMV0603E TYPE

| Part Number 型号 | Max. Working Voltage 最大工作电压 | | Varistor Voltage 压敏电压 | Max. Clamping Voltage 限制电压 | | Rated Single Pulse Transient 额定脉冲耐量 | | Typical Capacitance 电容 |
|------------------------|--------------------------------|------------------|--------------------------|-------------------------------|------------------|--|---------------------------|---------------------------|
| | <20 μ A | | | @1mA DC | 8/20 μ s | ESD | Energy 10/1000 μ s | |
| Test Condition 测试条件 | DC | AC RMS | | | | | | |
| Units 单位 | Volts | Volts | Volts | Volts | Volts | Joules | Amps | pF |
| Symbol 符号 | V _{WDC} | V _{WAC} | V _B | V _{C 1} | V _{C 2} | E _T | I _P | C |
| JYMV0603E5R5□180T | 5.5 | 4.0 | 10.0-14.0 | 18 | 23 | 0.005 | 3 | 18 |
| JYMV0603E5R5□300T | 5.5 | 4.0 | 10.0-14.0 | 18 | 23 | 0.005 | 5 | 30 |
| JYMV0603E5R5□500T | 5.5 | 4.0 | 10.0-14.0 | 18 | 23 | 0.01 | 10 | 50 |
| JYMV0603E5R5□800T | 5.5 | 4.0 | 10.0-14.0 | 18 | 23 | 0.02 | 10 | 80 |
| JYMV0603E5R5□101T | 5.5 | 4.0 | 10.0-14.0 | 18 | 23 | 0.05 | 20 | 100 |
| JYMV0603E090□180T | 9.0 | 6.4 | 11.0-16.0 | 20 | 26 | 0.005 | 3 | 18 |
| JYMV0603E090□300T | 9.0 | 6.4 | 11.0-16.0 | 20 | 26 | 0.005 | 5 | 30 |
| JYMV0603E090□500T | 9.0 | 6.4 | 11.0-16.0 | 20 | 26 | 0.01 | 10 | 50 |
| JYMV0603E090□800T | 9.0 | 6.4 | 11.0-16.0 | 20 | 26 | 0.02 | 15 | 80 |
| JYMV0603E090□101T | 9.0 | 6.4 | 11.0-16.0 | 20 | 26 | 0.05 | 20 | 100 |
| JYMV0603E140□180T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.005 | 3 | 18 |
| JYMV0603E140□300T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.01 | 5 | 30 |

规格特性

SPECIFICATIONS

JYMV0603E TYPE

| Part Number 型号 | Max. Working Voltage 最大工作电压 | | Varistor Voltage 压敏电压 | Max. Clamping Voltage 限制电压 | | Rated Single Pulse Transient 额定脉冲耐量 | | Typical Capacitance 电容 |
|------------------------|--------------------------------|------------------|--------------------------|-------------------------------|-----------------------------|--|------------------------------|--------------------------------|
| Test Condition 测试条件 | <20 μ A | | @1mA DC | 8/20 μ s | ESD | Energy 10/1000 μ s | Peak Current 8/20 μ s | @0.5V _{rms} , 1MHz |
| | DC | AC RMS | | | | | | |
| Units 单位 | Volts | Volts | Volts | Volts | Volts | Joules | Amps | pF |
| Symbol 符号 | V _{WDC} | V _{WAC} | V _B | V _C ¹ | V _C ² | E _T | I _P | C |
| JYMV0603E140□500T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.02 | 10 | 50 |
| JYMV0603E140□800T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.03 | 15 | 80 |
| JYMV0603E140□101T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.05 | 20 | 100 |
| JYMV0603E180□180T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.005 | 5 | 18 |
| JYMV0603E180□300T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.02 | 10 | 30 |
| JYMV0603E180□600T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.02 | 10 | 60 |
| JYMV0603E180□800T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.03 | 15 | 80 |
| JYMV0603E180□101T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.05 | 20 | 100 |
| JYMV0603E260□180T | 26.0 | 18.4 | 31.0-38.0 | 58 | 70 | 0.02 | 5 | 18 |
| JYMV0603E260□300T | 26.0 | 18.4 | 31.0-38.0 | 58 | 70 | 0.03 | 10 | 30 |
| JYMV0603E260□500T | 26.0 | 18.4 | 31.0-38.0 | 58 | 70 | 0.03 | 10 | 50 |

JYMV0805E TYPE

| Part Number 型号 | Max. Working Voltage 最大工作电压 | | Varistor Voltage 压敏电压 | Max. Clamping Voltage 限制电压 | | Rated Single Pulse Transient 额定脉冲耐量 | | Typical Capacitance 电容 |
|------------------------|--------------------------------|------------------|--------------------------|-------------------------------|-----------------------------|--|------------------------------|--------------------------------|
| Test Condition 测试条件 | <20 μ A | | @1mA DC | 8/20 μ s | ESD | Energy 10/1000 μ s | Peak Current 8/20 μ s | @0.5V _{rms} , 1MHz |
| | DC | AC RMS | | | | | | |
| Units 单位 | Volts | Volts | Volts | Volts | Volts | Joules | Amps | pF |
| Symbol 符号 | V _{WDC} | V _{WAC} | V _B | V _C ¹ | V _C ² | E _T | I _P | C |
| JYMV0805E5R5□180T | 5.5 | 4.0 | 10.0-14.0 | 18 | 23 | 0.005 | 3 | 18 |
| JYMV0805E180□101T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.05 | 20 | 100 |
| JYMV0805E260□800T | 26.0 | 18.4 | 31.0-38.0 | 58 | 70 | 0.05 | 20 | 80 |
| JYMV0805E300□500T | 30.0 | 21.3 | 37.0-46.0 | 65 | 78 | 0.05 | 15 | 50 |

JYMV0402H TYPE

| Part Number 型号 | Max. Working Voltage 最大工作电压 | | Varistor Voltage 压敏电压 | Max. Clamping Voltage 限制电压 | | Rated Single Pulse Transient 额定脉冲耐量 | | Typical Capacitance 电容 |
|------------------------|--------------------------------|------------------|--------------------------|-------------------------------|-----------------------------|--|------------------------------|--------------------------------|
| Test Condition 测试条件 | <20 μ A | | @1mA DC | 8/20 μ s | ESD | Energy 10/1000 μ s | Peak Current 8/20 μ s | @0.5V _{rms} , 1MHz |
| | DC | AC RMS | | | | | | |
| Units 单位 | Volts | Volts | Volts | Volts | Volts | Joules | Amps | pF |
| Symbol 符号 | V _{WDC} | V _{WAC} | V _B | V _C ¹ | V _C ² | E _T | I _P | C |
| JYMV0402H140□100T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.005 | 2 | 10 |
| JYMV0402H140□120T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.005 | 2 | 12 |
| JYMV0402H180□050T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.005 | 2 | 5 |
| JYMV0402H180□100T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.005 | 2 | 10 |
| JYMV0402H260□030T | 26.0 | 18.4 | 31.0-38.0 | 58 | 70 | 0.003 | 1 | 3 |
| JYMV0402H260□100T | 26.0 | 18.4 | 31.0-38.0 | 58 | 70 | 0.005 | 2 | 10 |
| JYMV0402H260□120T | 26.0 | 18.4 | 31.0-38.0 | 58 | 70 | 0.005 | 2 | 12 |

规格特性

SPECIFICATIONS

JYMV0603H TYPE

| Part Number 型号 | Max. Working Voltage 最大工作电压 | | Varistor Voltage 压敏电压 | Max. Clamping Voltage 限制电压 | | Rated Single Pulse Transient 额定脉冲耐量 | | Typical Capacitance 电容 |
|------------------------|--------------------------------|------------------|--------------------------|-------------------------------|-----------------------------|--|------------------------------|--------------------------------|
| Test Condition 测试条件 | <20 μ A | | @1mA DC | 8/20 μ s | ESD | Energy 10/1000 μ s | Peak Current 8/20 μ s | @0.5V _{rms} , 1MHz |
| | DC | AC RMS | | | | | | |
| Units 单位 | Volts | Volts | Volts | Volts | Volts | Joules | Amps | pF |
| Symbol 符号 | V _{WDC} | V _{WAC} | V _B | V _C ¹ | V _C ² | E _T | I _P | C |
| JYMV0603H140□100T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.005 | 2 | 10 |
| JYMV0603H140□120T | 14.0 | 10.0 | 16.0-22.0 | 30 | 39 | 0.005 | 2 | 12 |
| JYMV0603H180□050T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.003 | 1 | 5 |
| JYMV0603H180□100T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.005 | 2 | 10 |
| JYMV0603H180□120T | 18.0 | 12.7 | 22.0-28.0 | 40 | 48 | 0.005 | 2 | 12 |
| JYMV0603H260□030T | 26.0 | 18.4 | 31.0-38.0 | 58 | 70 | 0.003 | 1 | 3 |
| JYMV0603H260□100T | 26.0 | 18.4 | 31.0-38.0 | 58 | 70 | 0.005 | 2 | 10 |
| JYMV0603H260□120T | 26.0 | 18.4 | 31.0-38.0 | 58 | 70 | 0.005 | 2 | 12 |

JYMV0402S TYPE

| Part Number 型号 | Max. Working Voltage 最大工作电压 | | Varistor Voltage 压敏电压 | Max. Clamping Voltage 限制电压 | | Rated Single Pulse Transient 额定脉冲耐量 | | Typical Capacitance 电容 |
|------------------------|--------------------------------|------------------|--------------------------|-------------------------------|-----------------------------|--|------------------------------|--------------------------------|
| Test Condition 测试条件 | <20 μ A | | @1mA DC | 8/20 μ s | ESD | Energy 10/1000 μ s | Peak Current 8/20 μ s | @0.5V _{rms} , 1MHz |
| | DC | AC RMS | | | | | | |
| Units 单位 | Volts | Volts | Volts | Volts | Volts | Joules | Amps | pF |
| Symbol 符号 | V _{WDC} | V _{WAC} | V _B | V _C ¹ | V _C ² | E _T | I _P | C |
| JYMV0402S5R5□030T | 5.5 | 4.0 | 31.0-38.0 | 58 | 70 | 0.003 | 1 | 3 |
| JYMV0402S5R5□050T | 5.5 | 4.0 | 22.0-28.0 | 40 | 48 | 0.003 | 1 | 5 |
| JYMV0402S5R5□100T | 5.5 | 4.0 | 22.0-28.0 | 40 | 48 | 0.005 | 2 | 10 |
| JYMV0402S5R5□120T | 5.5 | 4.0 | 22.0-28.0 | 40 | 48 | 0.005 | 2 | 12 |
| JYMV0402S090□030T | 9.0 | 6.4 | 31.0-38.0 | 58 | 70 | 0.003 | 1 | 3 |
| JYMV0402S090□050T | 9.0 | 6.4 | 22.0-28.0 | 40 | 48 | 0.003 | 1 | 5 |
| JYMV0402S090□100T | 9.0 | 6.4 | 22.0-28.0 | 40 | 48 | 0.005 | 2 | 10 |
| JYMV0402S090□120T | 9.0 | 6.4 | 22.0-28.0 | 40 | 48 | 0.005 | 2 | 12 |
| JYMV0402S140□030T | 14.0 | 10.0 | 31.0-38.0 | 58 | 70 | 0.003 | 1 | 3 |
| JYMV0402S140□050T | 14.0 | 10.0 | 22.0-28.0 | 40 | 48 | 0.003 | 1 | 5 |
| JYMV0402S180□030T | 18.0 | 12.7 | 31.0-38.0 | 58 | 70 | 0.003 | 1 | 3 |

JYMV0603S TYPE

| Part Number 型号 | Max. Working Voltage 最大工作电压 | | Varistor Voltage 压敏电压 | Max. Clamping Voltage 限制电压 | | Rated Single Pulse Transient 额定脉冲耐量 | | Typical Capacitance 电容 |
|------------------------|--------------------------------|------------------|--------------------------|-------------------------------|-----------------------------|--|------------------------------|--------------------------------|
| Test Condition 测试条件 | <20 μ A | | @1mA DC | 8/20 μ s | ESD | Energy 10/1000 μ s | Peak Current 8/20 μ s | @0.5V _{rms} , 1MHz |
| | DC | AC RMS | | | | | | |
| Units 单位 | Volts | Volts | Volts | Volts | Volts | Joules | Amps | pF |
| Symbol 符号 | V _{WDC} | V _{WAC} | V _B | V _C ¹ | V _C ² | E _T | I _P | C |
| JYMV0603S5R5□030T | 5.5 | 4.0 | 31.0-38.0 | 58 | 70 | 0.003 | 1 | 3 |
| JYMV0603S5R5□050T | 5.5 | 4.0 | 22.0-28.0 | 40 | 48 | 0.003 | 1 | 5 |
| JYMV0603S5R5□100T | 5.5 | 4.0 | 22.0-28.0 | 40 | 48 | 0.005 | 2 | 10 |
| JYMV0603S5R5□120T | 5.5 | 4.0 | 22.0-28.0 | 40 | 48 | 0.005 | 2 | 12 |
| JYMV0603S090□030T | 9.0 | 6.4 | 31.0-38.0 | 58 | 70 | 0.003 | 1 | 3 |
| JYMV0603S090□050T | 9.0 | 6.4 | 22.0-28.0 | 40 | 48 | 0.003 | 1 | 5 |
| JYMV0603S090□100T | 9.0 | 6.4 | 22.0-28.0 | 40 | 48 | 0.005 | 2 | 10 |
| JYMV0603S090□120T | 9.0 | 6.4 | 22.0-28.0 | 40 | 48 | 0.005 | 2 | 12 |
| JYMV0603S140□030T | 14.0 | 10.0 | 31.0-38.0 | 58 | 70 | 0.003 | 1 | 3 |

规格特性

SPECIFICATIONS

JYMV0603S TYPE

| Part Number 型号 | Max. Working Voltage 最大工作电压 | | Varistor Voltage 压敏电压 | Max. Clamping Voltage 限制电压 | | Rated Single Pulse Transient 额定脉冲耐量 | | Typical Capacitance 电容 |
|------------------------|--------------------------------|------------------|--------------------------|-------------------------------|-----------------------------|--|------------------------------|--------------------------------|
| | DC | AC RMS | | 8/20 μ s | ESD | Energy 10/1000 μ s | Peak Current 8/20 μ s | |
| Test Condition 测试条件 | <20 μ A | | @1mA DC | 8/20 μ s | ESD | Energy 10/1000 μ s | Peak Current 8/20 μ s | @0.5V _{rms} , 1MHz |
| Units 单位 | Volts | Volts | | | | | | |
| Symbol 符号 | V _{WDC} | V _{WAC} | V _B | V _C ¹ | V _C ² | E _T | I _P | C |
| JYMV0603S140□050T | 14.0 | 10.0 | 22.0-28.0 | 40 | 48 | 0.003 | 1 | 5 |
| JYMV0603S180□030T | 18.0 | 12.7 | 31.0-38.0 | 58 | 70 | 0.003 | 1 | 3 |

※*1: V_c, Maximum peak voltage across the varistor measured at a specified pulse current and waveform.

Energy Rating Pulse & Waveform
 0.00- 0.05 Joule 1A, 8/20 μ s
 0.10 Joule 2A, 8/20 μ s
 0.20- 0.50 Joule 5A, 8/20 μ s

※*2: V_c, Maximum peak voltage across the varistor measured at 30ns after initiation of pulse on IEC61000-4-2 30A/8KV.

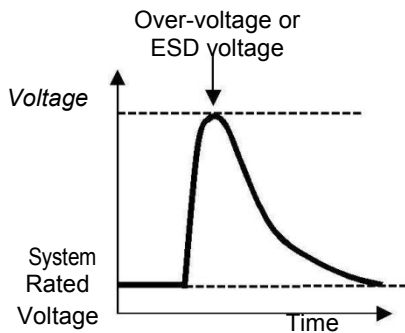
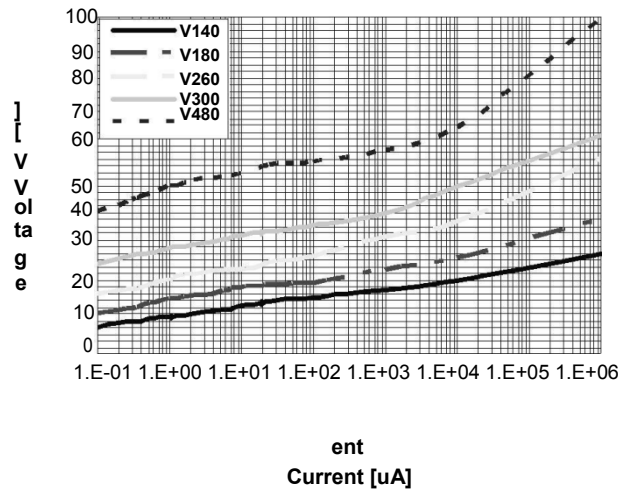
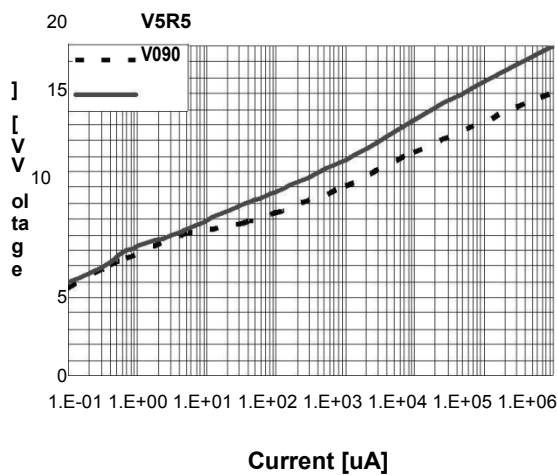
※□: Please specify the capacitance tolerance code (N=±30%, Y=+100%~-50%, G=Maximum).

And products with other electrical characteristics can be provided upon customer's request. Please contact your local sales.

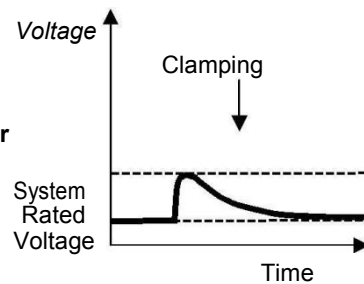
电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

JYMV-A/E/H series



After Varistor



规格特性

SPECIFICATIONS

Ultra low capacitance type(C=0.5pF, 1pF or 2pF)

| Part Number 型号 | Max. Working Voltage 最大工作电压 | | Varistor Voltage 压敏电压 | Typical Capacitance 电容 | Min. Cut-off Frequency 截止频率 |
|------------------------|--------------------------------|------------------|-----------------------------|--------------------------------|--------------------------------|
| | <20μA | | | | |
| Test Condition 测试条件 | DC | AC RMS | @1mA DC | @0.5V _{rms} , 1MHz | @-3dB |
| Units 单位 | Volts | Volts | Volts | pF | MHz |
| Symbol 符号 | V _{WDC} | V _{WAC} | V _B | C | f ₀ |
| JYMV0402H260□0R5T | 26.0 | 18.4 | 100-160 | 0.5 | 2000 |
| JYMV0402H260□010T | 26.0 | 18.4 | 100-160 | 1 | 1250 |
| JYMV0402H260□020T | 26.0 | 18.4 | 60-80 | 2 | 600 |
| JYMV0402S5R5□0R5T | 5.5 | 4.0 | 100-160 | 0.5 | 2000 |
| JYMV0402S5R5□010T | 5.5 | 4.0 | 100-160 | 1 | 1250 |
| JYMV0402S5R5□020T | 5.5 | 4.0 | 60-80 | 2 | 600 |
| JYMV0402S090□0R5T | 9.0 | 6.4 | 100-160 | 0.5 | 2000 |
| JYMV0402S090□010T | 9.0 | 6.4 | 100-160 | 1 | 1250 |
| JYMV0402S090□020T | 9.0 | 6.4 | 60-80 | 2 | 600 |
| JYMV0402S140□0R5T | 14.0 | 10.0 | 100-160 | 0.5 | 2000 |
| JYMV0402S140□010T | 14.0 | 10.0 | 100-160 | 1 | 1250 |
| JYMV0402S140□020T | 14.0 | 10.0 | 60-80 | 2 | 600 |
| JYMV0402S180□0R5T | 18.0 | 12.7 | 100-160 | 0.5 | 2000 |
| JYMV0402S180□010T | 18.0 | 12.7 | 100-160 | 1 | 1250 |
| JYMV0402S180□020T | 18.0 | 12.7 | 60-80 | 2 | 600 |
| JYMV0603H260□0R5T | 26.0 | 18.4 | 100-160 | 0.5 | 2000 |
| JYMV0603H260□010T | 26.0 | 18.4 | 100-160 | 1 | 1250 |
| JYMV0603H260□020T | 26.0 | 18.4 | 60-80 | 2 | 600 |
| JYMV0603S5R5□0R5T | 5.5 | 4.0 | 100-160 | 0.5 | 2000 |
| JYMV0603S5R5□010T | 5.5 | 4.0 | 100-160 | 1 | 1250 |
| JYMV0603S5R5□020T | 5.5 | 4.0 | 60-80 | 2 | 600 |
| JYMV0603S090□0R5T | 9.0 | 6.4 | 100-160 | 0.5 | 2000 |
| JYMV0603S090□010T | 9.0 | 6.4 | 100-160 | 1 | 1250 |
| JYMV0603S090□020T | 9.0 | 6.4 | 60-80 | 2 | 600 |
| JYMV0603S140□0R5T | 14.0 | 10.0 | 100-160 | 0.5 | 2000 |
| JYMV0603S140□010T | 14.0 | 10.0 | 100-160 | 1 | 1250 |
| JYMV0603S140□020T | 14.0 | 10.0 | 60-80 | 2 | 600 |
| JYMV0603S180□0R5T | 18.0 | 12.7 | 100-160 | 0.5 | 2000 |
| JYMV0603S180□010T | 18.0 | 12.7 | 100-160 | 1 | 1250 |
| JYMV0603S180□020T | 18.0 | 12.7 | 60-80 | 2 | 600 |

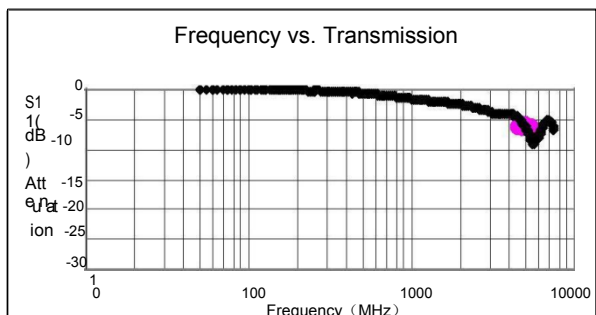
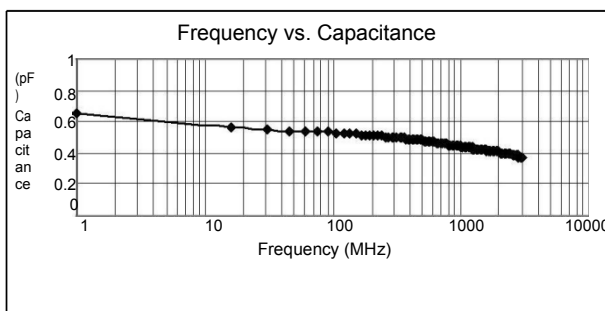
※ □ : Please specify the capacitance tolerance code (Y=+100%~-50%, G=Maximum).

And products with other electrical characteristics can be provided upon customer's request. Please contact your local sales.

电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

Ultra low capacitance type: JYMV0402/JYMV0603 series, C=0.5pF



Ultra low capacitance type: JYMV0402/JYMV0603 series, C=1pF

