

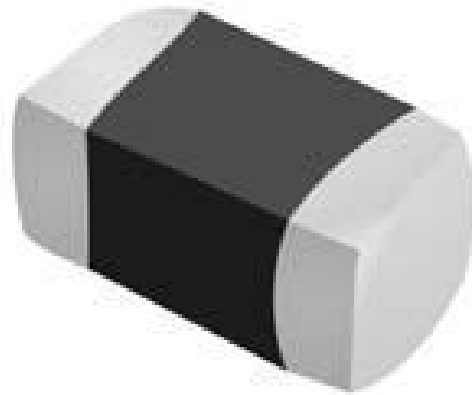


ELECTRONIC COMPANY

叠层片式压敏电阻器—JYMV 系列

Multilayer Chip Varistor JYMVSeries

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 mobile phone, PDA, etc

产品型号

PRODUCT IDENTIFICATION

JYMV 1608 A 180 N121 T
① ② ③ ④ ⑤ 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)	
1005 [0402]	1.0×0.5
1608 [0603]	1.6×0.8
2012 [0805]	2.0×1.25
3216 [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

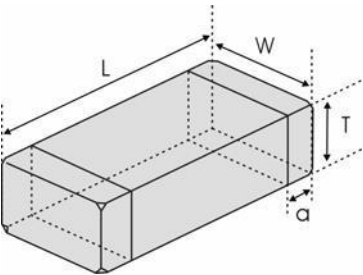
电容 Capacitance @1MHz	
Example	Nominal Value
121	120pF
152	1500pF

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
JYMV1005 [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]
JYMV1608 [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]
JYMV2012 [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]
JYMV3216 [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

JYMV1005A 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
JYMV1005A5R5□181T	5.5	4.0	10.0-14.0	18	23	0.05	20	180
JYMV1005A5R5□231T	5.5	4.0	10.0-14.0	18	23	0.05	20	230
JYMV1005A5R5□361T	5.5	4.0	10.0-14.0	18	23	0.05	20	360
JYMV1005A090□121T	9.0	6.4	11.0-16.0	20	26	0.05	20	120
JYMV1005A090□151T	9.0	6.4	11.0-16.0	20	26	0.05	20	150
JYMV1005A090□231T	9.0	6.4	11.0-16.0	20	26	0.05	20	230
JYMV1005A140□121T	14.0	10.0	16.0-22.0	30	39	0.05	20	120
JYMV1005A140□161T	14.0	10.0	16.0-22.0	30	39	0.05	20	160

JYMV1608A 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
JYMV1608A5R5□121T	5.5	4.0	10.0-14.0	18	23	0.05	20	120
JYMV1608A5R5□141T	5.5	4.0	10.0-14.0	18	23	0.05	20	140
JYMV1608A5R5□231T	5.5	4.0	10.0-14.0	18	23	0.1	30	230
JYMV1608A5R5□361T	5.5	4.0	10.0-14.0	18	23	0.1	30	360
JYMV1608A5R5□551T	5.5	4.0	10.0-14.0	18	23	0.1	30	550
JYMV1608A5R5□821T	5.5	4.0	10.0-14.0	18	23	0.1	30	820
JYMV1608A090□121T	9.0	6.4	11.0-16.0	20	26	0.05	20	120
JYMV1608A090□141T	9.0	6.4	11.0-16.0	20	26	0.05	20	140
JYMV1608A090□231T	9.0	6.4	11.0-16.0	20	26	0.1	30	230
JYMV1608A090□361T	9.0	6.4	11.0-16.0	20	26	0.1	30	360
JYMV1608A090□551T	9.0	6.4	11.0-16.0	20	26	0.1	30	550
JYMV1608A090□821T	9.0	6.4	11.0-16.0	20	26	0.1	30	820
JYMV1608A140□121T	14.0	10.0	16.0-22.0	30	39	0.05	20	120
JYMV1608A140□141T	14.0	10.0	16.0-22.0	30	39	0.05	20	140
JYMV1608A140□251T	14.0	10.0	16.0-22.0	30	39	0.1	30	250
JYMV1608A140□361T	14.0	10.0	16.0-22.0	30	39	0.1	30	360
JYMV1608A140□551T	14.0	10.0	16.0-22.0	30	39	0.1	30	550
JYMV1608A180□121T	18.0	12.7	22.0-28.0	40	48	0.05	20	120
JYMV1608A180□141T	18.0	12.7	22.0-28.0	40	48	0.05	20	140
JYMV1608A180□231T	18.0	12.7	22.0-28.0	40	48	0.1	30	230
JYMV1608A180□361T	18.0	12.7	22.0-28.0	40	48	0.1	30	360
JYMV1608A260□121T	26.0	18.4	31.0-38.0	58	70	0.1	30	120
JYMV1608A260□161T	26.0	18.4	31.0-38.0	58	70	0.1	30	160
JYMV1608A300□121T	30.0	21.3	37.0-46.0	65	78	0.1	30	120
JYMV1608A300□141T	30.0	21.3	37.0-46.0	65	78	0.1	30	140

规格特性

SPECIFICATIONS

JYMV2012A 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	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	Joules	Amps	pF
Symbol 符号	V _{WDC}	V _{WAC}	V _B	V _C [†]	E _T	I _P	C
JYMV2012A5R5□901T	5.5	4.0	10.0-14.0	18	0.2	60	900
JYMV2012A5R5□122T	5.5	4.0	10.0-14.0	18	0.3	120	1200
JYMV2012A5R5□202T	5.5	4.0	10.0-14.0	18	0.4	150	2000
JYMV2012A090□701T	9.0	6.4	11.0-16.0	20	0.2	60	700
JYMV2012A090□102T	9.0	6.4	11.0-16.0	20	0.3	120	1000
JYMV2012A090□162T	9.0	6.4	11.0-16.0	20	0.4	150	1600
JYMV2012A140□401T	14.0	10.0	16.0-22.0	30	0.2	60	400
JYMV2012A140□701T	14.0	10.0	16.0-22.0	30	0.3	120	700
JYMV2012A140□901T	14.0	10.0	16.0-22.0	30	0.4	150	900
JYMV2012A180□301T	18.0	12.7	22.0-28.0	40	0.2	60	300
JYMV2012A180□501T	18.0	12.7	22.0-28.0	40	0.3	120	500
JYMV2012A180□701T	18.0	12.7	22.0-28.0	40	0.4	150	700
JYMV2012A260□251T	26.0	18.4	31.0-38.0	58	0.2	60	250
JYMV2012A260□401T	26.0	18.4	31.0-38.0	58	0.3	120	400
JYMV2012A300□181T	30.0	21.3	37.0-46.0	65	0.2	60	180
JYMV2012A300□301T	30.0	21.3	37.0-46.0	65	0.3	120	300

JYMV3216A 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	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	Joules	Amps	pF
Symbol 符号	V _{WDC}	V _{WAC}	V _B	V _C [†]	E _T	I _P	C
JYMV3216A5R5□202T	5.5	4.0	10.0-14.0	18	0.4	150	2000
JYMV3216A5R5□252T	5.5	4.0	10.0-14.0	18	0.5	200	2500
JYMV3216A090□162T	9.0	6.4	11.0-16.0	20	0.4	150	1600
JYMV3216A090□202T	9.0	6.4	11.0-16.0	20	0.5	200	2000
JYMV3216A140□901T	14.0	10.0	16.0-22.0	30	0.3	120	900
JYMV3216A140□122T	14.0	10.0	16.0-22.0	30	0.4	150	1200
JYMV3216A140□152T	14.0	10.0	16.0-22.0	30	0.5	200	1500
JYMV3216A180□701T	18.0	12.7	22.0-28.0	40	0.3	120	700
JYMV3216A180□901T	18.0	12.7	22.0-28.0	40	0.4	150	900
JYMV3216A180□122T	18.0	12.7	22.0-28.0	40	0.5	200	1200
JYMV3216A260□501T	26.0	18.4	31.0-38.0	58	0.3	120	500
JYMV3216A260□701T	26.0	18.4	31.0-38.0	58	0.4	150	700
JYMV3216A260□901T	26.0	18.4	31.0-38.0	58	0.5	200	900
JYMV3216A300□401T	30.0	21.3	37.0-46.0	65	0.3	120	400
JYMV3216A300□501T	30.0	21.3	37.0-46.0	65	0.4	150	500
JYMV3216A300□701T	30.0	21.3	37.0-46.0	65	0.5	200	700
JYMV3216A480□181T	48.0	34.1	54.0-67.0	100	0.3	120	180
JYMV3216A480□251T	48.0	34.1	54.0-67.0	100	0.4	150	250
JYMV3216A480□401T	48.0	34.1	54.0-67.0	100	0.5	200	400

规格特性

SPECIFICATIONS

JYMV1005E 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	<20μA		@1mA DC	8/20μs	ESD	Energy 10/1000μs	Peak Current 8/20μs	@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
JYMV1005E5R5□180T	5.5	4.0	10.0-14.0	18	23	0.005	3	18
JYMV1005E5R5□300T	5.5	4.0	10.0-14.0	18	23	0.005	5	30
JYMV1005E5R5□500T	5.5	4.0	10.0-14.0	18	23	0.01	10	50
JYMV1005E5R5□800T	5.5	4.0	10.0-14.0	18	23	0.02	10	80
JYMV1005E5R5□101T	5.5	4.0	10.0-14.0	18	23	0.05	20	100
JYMV1005E090□180T	9.0	6.4	11.0-16.0	20	26	0.005	3	18
JYMV1005E090□300T	9.0	6.4	11.0-16.0	20	26	0.005	5	30
JYMV1005E090□500T	9.0	6.4	11.0-16.0	20	26	0.01	10	50
JYMV1005E090□800T	9.0	6.4	11.0-16.0	20	26	0.02	15	80
JYMV1005E090□101T	9.0	6.4	11.0-16.0	20	26	0.05	20	100
JYMV1005E140□180T	14.0	10.0	16.0-22.0	30	39	0.005	3	18
JYMV1005E140□300T	14.0	10.0	16.0-22.0	30	39	0.01	5	30
JYMV1005E140□500T	14.0	10.0	16.0-22.0	30	39	0.02	10	50
JYMV1005E140□800T	14.0	10.0	16.0-22.0	30	39	0.03	15	80
JYMV1005E140□101T	14.0	10.0	16.0-22.0	30	39	0.05	20	100
JYMV1005E180□150T	18.0	12.7	22.0-28.0	40	48	0.005	2	15
JYMV1005E180□180T	18.0	12.7	22.0-28.0	40	48	0.01	5	18
JYMV1005E180□300T	18.0	12.7	22.0-28.0	40	48	0.02	10	30
JYMV1005E180□500T	18.0	12.7	22.0-28.0	40	48	0.02	10	50
JYMV1005E180□800T	18.0	12.7	22.0-28.0	40	48	0.03	15	80
JYMV1005E180□101T	18.0	12.7	22.0-28.0	40	48	0.05	20	100
JYMV1005E260□180T	26.0	18.4	31.0-38.0	58	70	0.02	5	18
JYMV1005E260□300T	26.0	18.4	31.0-38.0	58	70	0.03	10	30
JYMV1005E260□500T	26.0	18.4	31.0-38.0	58	70	0.03	10	50

JYMV1608E 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	<20μA		@1mA DC	8/20μs	ESD	Energy 10/1000μs	Peak Current 8/20μs	@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
JYMV1608E5R5□180T	5.5	4.0	10.0-14.0	18	23	0.005	3	18
JYMV1608E5R5□300T	5.5	4.0	10.0-14.0	18	23	0.005	5	30
JYMV1608E5R5□500T	5.5	4.0	10.0-14.0	18	23	0.01	10	50
JYMV1608E5R5□800T	5.5	4.0	10.0-14.0	18	23	0.02	10	80
JYMV1608E5R5□101T	5.5	4.0	10.0-14.0	18	23	0.05	20	100
JYMV1608E090□180T	9.0	6.4	11.0-16.0	20	26	0.005	3	18
JYMV1608E090□300T	9.0	6.4	11.0-16.0	20	26	0.005	5	30
JYMV1608E090□500T	9.0	6.4	11.0-16.0	20	26	0.01	10	50
JYMV1608E090□800T	9.0	6.4	11.0-16.0	20	26	0.02	15	80
JYMV1608E090□101T	9.0	6.4	11.0-16.0	20	26	0.05	20	100
JYMV1608E140□180T	14.0	10.0	16.0-22.0	30	39	0.005	3	18
JYMV1608E140□300T	14.0	10.0	16.0-22.0	30	39	0.01	5	30

规格特性

SPECIFICATIONS

JYMV1608E 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
JYMV1608E140□500T	14.0	10.0	16.0-22.0	30	39	0.02	10	50
JYMV1608E140□800T	14.0	10.0	16.0-22.0	30	39	0.03	15	80
JYMV1608E140□101T	14.0	10.0	16.0-22.0	30	39	0.05	20	100
JYMV1608E180□180T	18.0	12.7	22.0-28.0	40	48	0.005	5	18
JYMV1608E180□300T	18.0	12.7	22.0-28.0	40	48	0.02	10	30
JYMV1608E180□600T	18.0	12.7	22.0-28.0	40	48	0.02	10	60
JYMV1608E180□800T	18.0	12.7	22.0-28.0	40	48	0.03	15	80
JYMV1608E180□101T	18.0	12.7	22.0-28.0	40	48	0.05	20	100
JYMV1608E260□180T	26.0	18.4	31.0-38.0	58	70	0.02	5	18
JYMV1608E260□300T	26.0	18.4	31.0-38.0	58	70	0.03	10	30
JYMV1608E560□101T	56.0	40.0	131.0-	60	25	0.30	60	100

JYMV2012E 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
JYMV2012E5R5□180T	5.5	4.0	10.0-14.0	18	23	0.005	3	18
JYMV2012E180□101T	18.0	12.7	22.0-28.0	40	48	0.05	20	100
JYMV2012E260□800T	26.0	18.4	31.0-38.0	58	70	0.05	20	80
JYMV2012E300□500T	30.0	21.3	37.0-46.0	65	78	0.05	15	50

JYMV1005H 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
JYMV1005H140□100T	14.0	10.0	16.0-22.0	30	39	0.005	2	10
JYMV1005H140□120T	14.0	10.0	16.0-22.0	30	39	0.005	2	12
JYMV1005H180□050T	18.0	12.7	22.0-28.0	40	48	0.005	2	5
JYMV1005H180□100T	18.0	12.7	22.0-28.0	40	48	0.005	2	10
JYMV1005H260□030T	26.0	18.4	31.0-38.0	58	70	0.003	1	3
JYMV1005H260□100T	26.0	18.4	31.0-38.0	58	70	0.005	2	10
JYMV1005H260□120T	26.0	18.4	31.0-38.0	58	70	0.005	2	12

规格特性

SPECIFICATIONS

JYMV1608H 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
JYMV1608H140□100T	14.0	10.0	16.0-22.0	30	39	0.005	2	10
JYMV1608H140□120T	14.0	10.0	16.0-22.0	30	39	0.005	2	12
JYMV1608H180□050T	18.0	12.7	22.0-28.0	40	48	0.003	1	5
JYMV1608H180□100T	18.0	12.7	22.0-28.0	40	48	0.005	2	10
JYMV1608H180□120T	18.0	12.7	22.0-28.0	40	48	0.005	2	12
JYMV1608H260□030T	26.0	18.4	31.0-38.0	58	70	0.003	1	3
JYMV1608H260□100T	26.0	18.4	31.0-38.0	58	70	0.005	2	10
JYMV1608H260□120T	26.0	18.4	31.0-38.0	58	70	0.005	2	12

JYMV1005S 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
JYMV1005S5R5□030T	5.5	4.0	31.0-38.0	58	70	0.003	1	3
JYMV1005S5R5□050T	5.5	4.0	22.0-28.0	40	48	0.003	1	5
JYMV1005S5R5□100T	5.5	4.0	22.0-28.0	40	48	0.005	2	10
JYMV1005S5R5□120T	5.5	4.0	22.0-28.0	40	48	0.005	2	12
JYMV1005S090□030T	9.0	6.4	31.0-38.0	58	70	0.003	1	3
JYMV1005S090□050T	9.0	6.4	22.0-28.0	40	48	0.003	1	5
JYMV1005S090□100T	9.0	6.4	22.0-28.0	40	48	0.005	2	10
JYMV1005S090□120T	9.0	6.4	22.0-28.0	40	48	0.005	2	12
JYMV1005S140□030T	14.0	10.0	31.0-38.0	58	70	0.003	1	3
JYMV1005S140□050T	14.0	10.0	22.0-28.0	40	48	0.003	1	5
JYMV1005S180□030T	18.0	12.7	31.0-38.0	58	70	0.003	1	3

JYMV1608S 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
JYMV1608S5R5□030T	5.5	4.0	31.0-38.0	58	70	0.003	1	3
JYMV1608S5R5□050T	5.5	4.0	22.0-28.0	40	48	0.003	1	5
JYMV1608S5R5□100T	5.5	4.0	22.0-28.0	40	48	0.005	2	10
JYMV1608S5R5□120T	5.5	4.0	22.0-28.0	40	48	0.005	2	12
JYMV1608S090□030T	9.0	6.4	31.0-38.0	58	70	0.003	1	3
JYMV1608S090□050T	9.0	6.4	22.0-28.0	40	48	0.003	1	5
JYMV1608S090□100T	9.0	6.4	22.0-28.0	40	48	0.005	2	10
JYMV1608S090□120T	9.0	6.4	22.0-28.0	40	48	0.005	2	12
JYMV1608S140□030T	14.0	10.0	31.0-38.0	58	70	0.003	1	3

规格特性

SPECIFICATIONS

JYMV1608S 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	<20μA		@1mA DC	8/20μs	ESD	Energy 10/1000μs	Peak Current 8/20μs	@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
JYMV1608S140□050T	14.0	10.0	22.0-28.0	40	48	0.003	1	5
JYMV1608S180□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, 8/20μs

0.10 Joule 2A, 8/20μs

0.20- 0.50 Joule 5A, 8/20μs

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

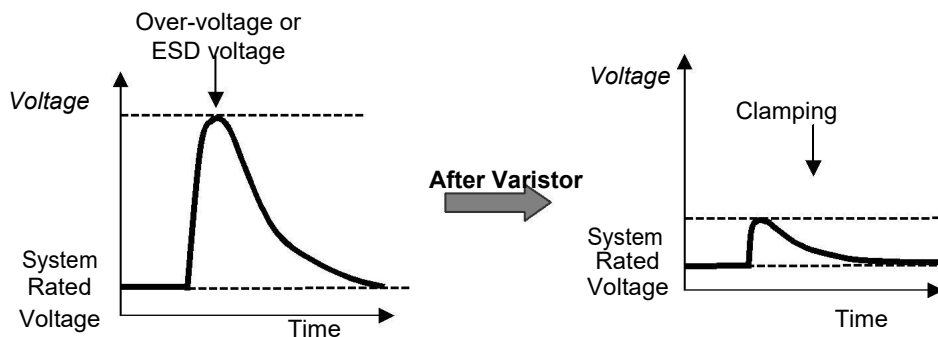
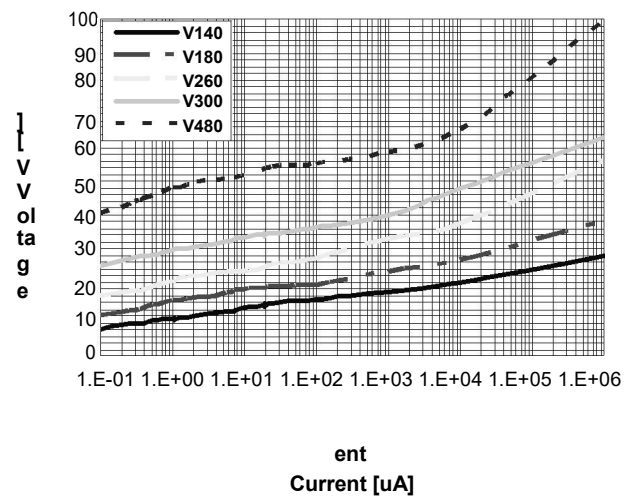
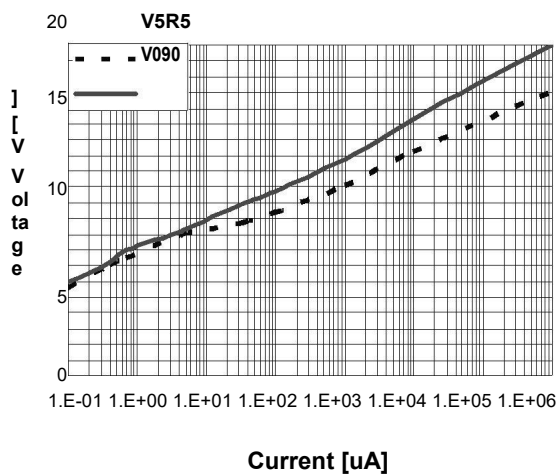
※□: Please specify the capacitance tolerance code (N=±30%, Y=+100%~-50%, G=Maximum).

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



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
Test Condition 测试条件	<20μA		@1mA DC	@0.5V _{rms} , 1MHz	@-3dB
	DC	AC RMS			
Units 单位	Volts	Volts	Volts	pF	MHz
Symbol 符号	V _{WDC}	V _{WAC}	V _B	C	f ₀
JYMV1005H260□0R5T	26.0	18.4	100-160	0.5	2000
JYMV1005H260□010T	26.0	18.4	100-160	1	1250
JYMV1005H260□020T	26.0	18.4	60-80	2	600
JYMV1005S5R5□0R5T	5.5	4.0	100-160	0.5	2000
JYMV1005S5R5□010T	5.5	4.0	100-160	1	1250
JYMV1005S5R5□020T	5.5	4.0	60-80	2	600
JYMV1005S090□0R5T	9.0	6.4	100-160	0.5	2000
JYMV1005S090□010T	9.0	6.4	100-160	1	1250
JYMV1005S090□020T	9.0	6.4	60-80	2	600
JYMV1005S140□0R5T	14.0	10.0	100-160	0.5	2000
JYMV1005S140□010T	14.0	10.0	100-160	1	1250
JYMV1005S140□020T	14.0	10.0	60-80	2	600
JYMV1005S180□0R5T	18.0	12.7	100-160	0.5	2000
JYMV1005S180□010T	18.0	12.7	100-160	1	1250
JYMV1005S180□020T	18.0	12.7	60-80	2	600
JYMV1608H260□0R5T	26.0	18.4	100-160	0.5	2000
JYMV1608H260□010T	26.0	18.4	100-160	1	1250
JYMV1608H260□020T	26.0	18.4	60-80	2	600
JYMV1608S5R5□0R5T	5.5	4.0	100-160	0.5	2000
JYMV1608S5R5□010T	5.5	4.0	100-160	1	1250
JYMV1608S5R5□020T	5.5	4.0	60-80	2	600
JYMV1608S090□0R5T	9.0	6.4	100-160	0.5	2000
JYMV1608S090□010T	9.0	6.4	100-160	1	1250
JYMV1608S090□020T	9.0	6.4	60-80	2	600
JYMV1608S140□0R5T	14.0	10.0	100-160	0.5	2000
JYMV1608S140□010T	14.0	10.0	100-160	1	1250
JYMV1608S140□020T	14.0	10.0	60-80	2	600
JYMV1608S180□0R5T	18.0	12.7	100-160	0.5	2000
JYMV1608S180□010T	18.0	12.7	100-160	1	1250
JYMV1608S180□020T	18.0	12.7	60-80	2	600

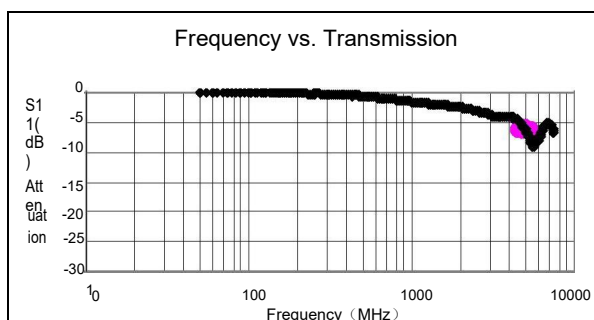
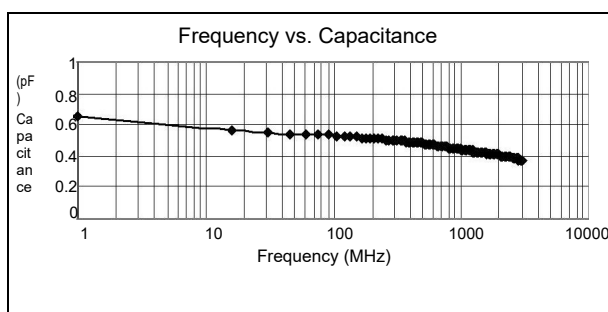
※ □ : Please specify the capacitance tolerance code (Y=+100%~-50%, G=Maximum).

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: JYMV1005/JYMV1608 series, C=0.5pF



Ultra low capacitance type: JYMV1005/JYMV1608 series, C=1pF

