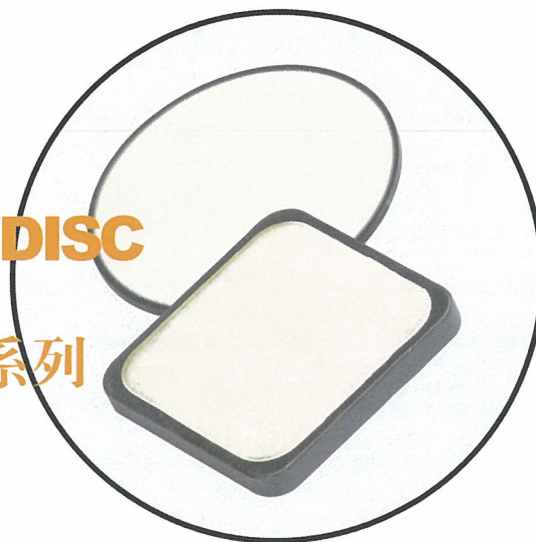


MYP HIGH ENERGY DISC VARISTOR SERIES

MYP高能量压敏电阻片系列



FEATURES

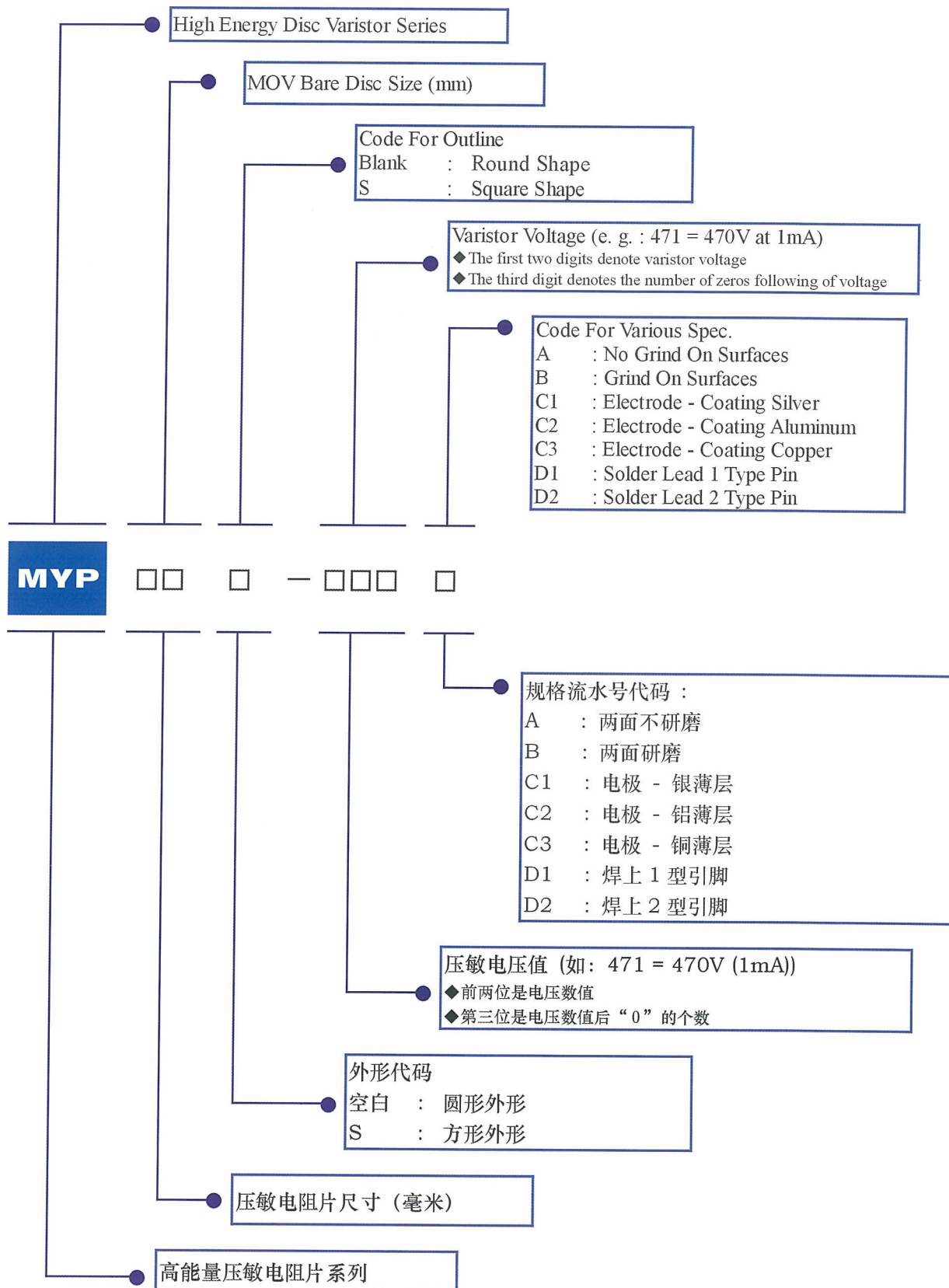
特点说明

Steady State AC Voltage Range ($V_{M(AC)RMS}$)	稳压交流电压定值	75 V ~ 1000 V
High Peak Surge Current Rating (I_{TM}) 8/20 μ s Pulse	高峰值冲击电流值	25K A ~ 70K A
Single-Pulse Energy Range (W_{TM}) 10/1000 μ s Square Wave	单次脉冲能量	120 J ~ 3200 J
Average Power dissipation of transients	瞬间平均功率	< 1.20 W ~ < 2.50 W
Operating Temperature Range	工作温度	-55°C ~ + 85°C
Storage Temperature Range	贮存温度	-55°C ~ + 125°C
Maximum Voltage-Temperature Coefficient	最大电压温度系数	< 0.01% / °C
Response time	响应时间	< 25ns

KVR ITEM NUMBERING SYSTEM

KVR 产品型号编码规则

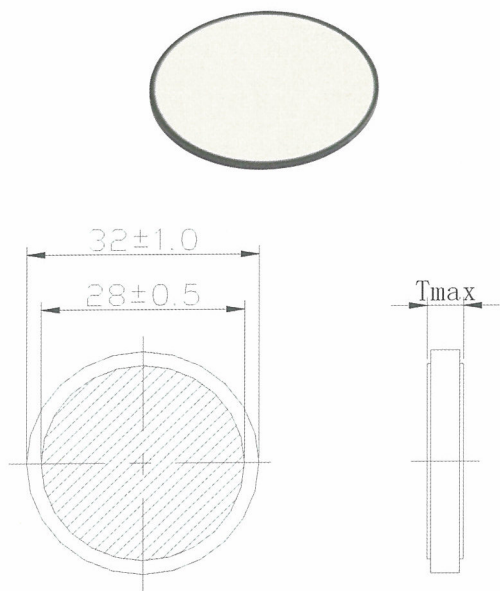
MYP HIGH ENERGY DISC VARISTOR SERIES



DIMENSIONS

外型尺寸

MYP32



Item No. 型号	T max. (mm)
-121□□	1.00
-151□□	1.20
-181□□	1.40
-201□□	1.50
-221□□	1.60
-241□□	1.80
-271□□	2.20
-331□□	2.40
-361□□	2.60
-391□□	2.90
-431□□	3.20
-471□□	3.40
-511□□	3.80

Item No. 型号	T max. (mm)
-561□□	4.20
-621□□	4.60
-681□□	5.00
-751□□	5.20
-781□□	5.50
-821□□	6.10
-911□□	6.40
-951□□	6.70
-102□□	7.40
-112□□	8.00
-122□□	9.40
-142□□	10.70
-162□□	12.00

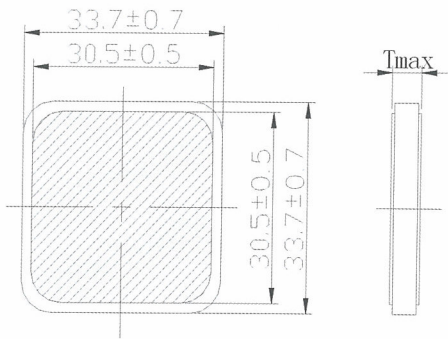
ELECTRICAL CHARACTERISTICS 电性能参数

ITEM NO. 产品型号	SPECIFICATION (25°C) 规格					MAXIMUM RATING (85°C) 最大额定值				CERTIFICATION 安规认证			
	Varistor Voltage (1mA DC) 压敏电压			@Ip Clamping Voltage 在Ip下限制电压 (8/20μs)		Typical Capacitance 典型电容量 F = 1KHz (pF)	Continuous Voltage 连续电压		Energy 能量 10/1000μs W _{TM} (J)	Peak Current 峰值电流 (8/20μs) I _{TM} (KA)	CE	VDE	UL
	Min (V)	V _{N(DC)} (V)	Max (V)	V _c (V)	I _p (A)		V _{RMS}	V _{M(DC)} (V)					
MYP32-121□□	108	120	132	200	200	5500	75	100	120	25	CE	VDE	UL
MYP32-151□□	135	150	165	250		5000	95	125	140				
MYP32-181□□	162	180	198	300		4500	115	150	180				
MYP32-201□□	184	200	224	340		4100	130	175	210				
MYP32-221□□	198	220	242	360		3700	140	180	225				
MYP32-241□□	216	240	259	395		3400	150	200	240				
MYP32-271□□	255	270	300	455		2900	180	230	250				
MYP32-331□□	297	330	363	550		2600	210	270	270				
MYP32-361□□	326	360	396	595		2300	230	300	300				
MYP32-391□□	354	390	429	650		2100	250	330	330				
MYP32-431□□	389	430	466	710		2000	275	360	360				
MYP32-471□□	425	470	517	790		1700	300	390	380				
MYP32-511□□	462	510	558	850		1600	320	420	430				
MYP32-561□□	522	560	625	950		1400	360	470	490				
MYP32-621□□	558	620	674	1025		1300	390	505	550				
MYP32-681□□	612	680	736	1120		1300	420	560	600				
MYP32-751□□	675	750	815	1240		1100	460	615	520				
MYP32-781□□	702	780	858	1300		1100	480	640	550				
MYP32-821□□	738	820	902	1350		1000	510	675	580				
MYP32-911□□	819	910	933	1400		950	550	700	620				
MYP32-951□□	855	950	988	1500		900	580	735	650				
MYP32-102□□	900	1000	1080	1650		840	620	800	680				
MYP32-112□□	990	1100	1180	1800		770	680	860	760				
MYP32-122□□	1080	1200	1320	2000		690	750	970	800				
MYP32-142□□	1260	1400	1520	2290	590	880	1150	850					
MYP32-162□□	1440	1600	1760	2700	520	1000	1200	900					

DIMENSIONS

外型尺寸

MYP34S



Item No. 型号	T max. (mm)
-121□□	1.40
-151□□	1.40
-181□□	1.40
-201□□	1.50
-221□□	1.60
-241□□	1.80
-271□□	2.20
-331□□	2.40
-361□□	2.60
-391□□	2.90
-431□□	3.20
-471□□	3.40
-511□□	3.80

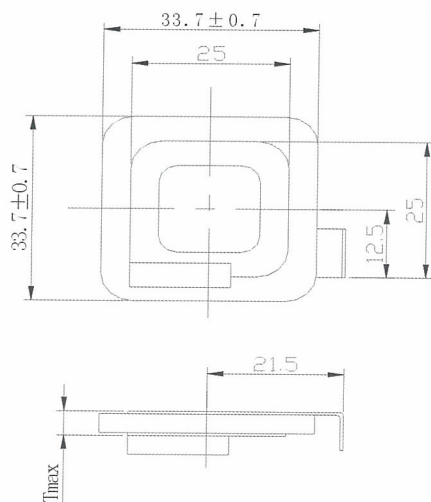
Item No. 型号	T max. (mm)
-561□□	4.20
-621□□	4.60
-681□□	5.00
-751□□	5.20
-781□□	5.50
-821□□	6.10
-911□□	6.40
-951□□	6.70
-102□□	7.40
-112□□	8.00
-122□□	9.40
-142□□	10.70
-162□□	12.00

DIMENSIONS

外型尺寸

MYP34S

1 Type Pin



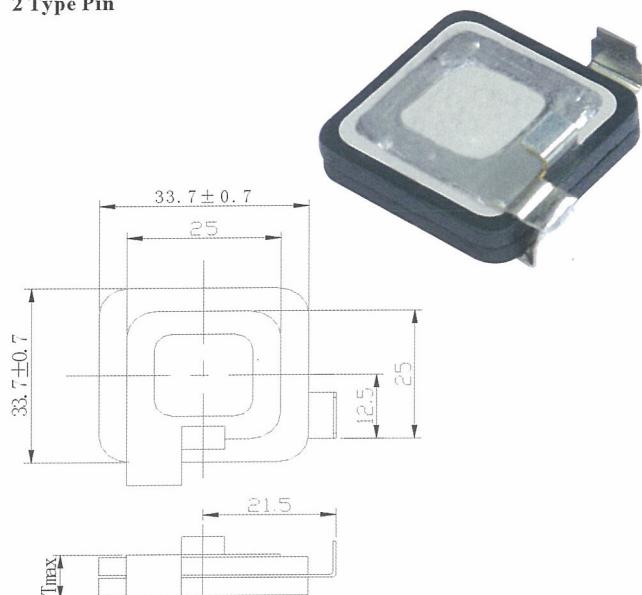
Item No. 型号	T max. (mm)
-121□ D2	2.00
-151□ D2	2.20
-181□ D2	2.40
-201□ D2	2.50
-221□ D2	2.60
-241□ D2	2.80
-271□ D2	3.20
-331□ D2	3.40
-361□ D2	3.60
-391□ D2	3.90
-431□ D2	4.20
-471□ D2	4.40
-511□ D2	4.80

Item No. 型号	T max. (mm)
-561□ D2	5.20
-621□ D2	5.60
-681□ D2	6.00
-751□ D2	6.20
-781□ D2	6.50
-821□ D2	7.10
-911□ D2	7.40
-951□ D2	7.70
-102□ D2	8.40
-112□ D2	9.00
-122□ D2	10.40
-142□ D2	11.70
-162□ D2	13.00

MYP HIGH ENERGY DISC VARISTOR SERIES

DIMENSIONS

外型尺寸
MYP34S
2 Type Pin



Item No. 型号	T max. (mm)
-121□ D1	4.50
-151□ D1	4.90
-181□ D1	5.30
-201□ D1	5.50
-221□ D1	5.70
-241□ D1	6.10
-271□ D1	6.90
-331□ D1	7.30
-361□ D1	7.70
-391□ D1	8.30
-431□ D1	8.90
-471□ D1	9.30
-511□ D1	10.10

Item No. 型号	T max. (mm)
-561□ D1	10.90
-621□ D1	11.70
-681□ D1	12.50
-751□ D1	12.90
-781□ D1	13.50
-821□ D1	14.70
-911□ D1	15.30
-951□ D1	15.90
-102□ D1	17.30
-112□ D1	18.50
-122□ D1	21.30
-142□ D1	23.90
-162□ D1	26.50

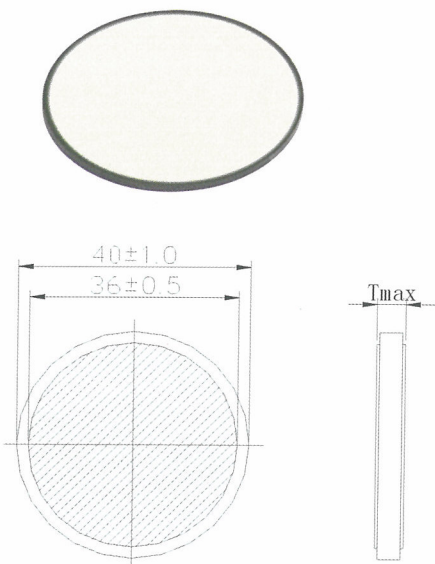
ELECTRICAL CHARACTERISTICS 电性能参数

ITEM NO. 产品型号	SPECIFICATION (25°C) 规格						MAXIMUM RATING (85°C) 最大额定值				CERTIFICATION 安规认证		
	Varistor Voltage (1mA DC) 压敏电压			@Ip Clamping Voltage 在Ip 下限制电压 (8/20μs)			Continuous Voltage 连续电压		Energy 能量 10/1000μs	Peak Current 峰值电流 (8/20μs)	CE	VDE	UL
	Min (V)	V _{N(DC)} (V)	Max (V)	V _c (V)	I _p (A)	F= 1KHz (pF)	V _{M(AC)} (V)	V _{M(DC)} (V)					
MYP34S-121□□	108	120	132	200	200	11000	75	100	190	40	CE	VDE	UL
MYP34S-151□□	135	150	165	250		10000	95	125	220				
MYP34S-181□□	162	180	198	300		9000	115	150	250				
MYP34S-201□□	184	200	224	340		7900	130	175	310				
MYP34S-221□□	198	220	242	360		7200	140	180	330				
MYP34S-241□□	216	240	259	395		6600	150	200	360				
MYP34S-271□□	255	270	300	455		5600	180	230	390				
MYP34S-331□□	297	330	363	550		5000	210	270	430				
MYP34S-361□□	326	360	396	595		4400	230	300	460				
MYP34S-391□□	354	390	429	650		4100	250	330	490				
MYP34S-431□□	389	430	466	710		3800	275	360	550				
MYP34S-471□□	425	470	517	790		3400	300	390	600				
MYP34S-511□□	462	510	558	850		3200	320	420	640				
MYP34S-561□□	522	560	625	950	300	2900	360	470	710	40	CE	VDE	UL
MYP34S-621□□	558	620	674	1025		2600	390	505	800				
MYP34S-681□□	612	680	736	1120		2400	420	560	910				
MYP34S-751□□	675	750	815	1240		2200	460	615	920				
MYP34S-781□□	702	780	858	1300		2100	480	640	930				
MYP34S-821□□	738	820	902	1350		2000	510	675	940				
MYP34S-911□□	819	910	933	1400		1800	550	700	960				
MYP34S-951□□	855	950	988	1500		1700	580	735	1000				
MYP34S-102□□	900	1000	1080	1650		1600	620	800	1040				
MYP34S-112□□	990	1100	1180	1800		1500	680	860	1100				
MYP34S-122□□	1080	1200	1320	2000		1300	750	970	1200				
MYP34S-142□□	1260	1400	1520	2290		1100	880	1150	1300				
PMY34S-162□□	1440	1600	1688	2550		1000	1000	1200	1400				

DIMENSIONS

外型尺寸

MYP40



Item No. 型号	T max. (mm)
-201	1.50
-221	1.60
-241	1.80
-271	2.20
-331	2.40
-361	2.60
-391	2.90
-431	3.20
-471	3.40
-511	3.80
-561	4.20
-621	4.60

Item No. 型号	T max. (mm)
-681	5.00
-751	5.20
-781	5.50
-821	6.10
-911	6.40
-951	6.70
-102	7.40
-112	8.00
-122	9.40
-142	10.70
-162	12.00

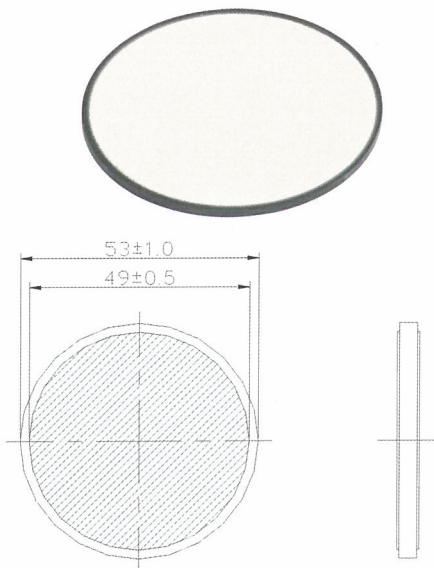
ELECTRICAL CHARACTERISTICS 电性能参数

ITEM NO. 产品型号	SPECIFICATION (25°C) 规格					MAXIMUM RATING (85°C) 最大额定值				CERTIFICATION 安规认证			
	Varistor Voltage (1mA DC) 压敏电压		@Ip Clamping Voltage 在Ip 下限制电压 (8/20μs)			Continuous Voltage 连续电压		Energy 能量 10/1000μs	Peak Current 峰值电流 (8/20μs)				
	Min (V)	V _{N(DC)} (V)	Max (V)	V _c (V)	I _p (A)	F= 1KHz (pF)	V _{M(AC)} (V)			V _{M(DC)} (V)	W _{TM} (J)	I _{TM} (KA)	
MYP40-201□□	184	200	224	340	300	8600	130	175	310	40	CE	VDE	R
MYP40-221□□	198	220	242	360		7800	140	180	330				
MYP40-241□□	216	240	259	395		7200	150	200	360				
MYP40-271□□	255	270	300	455		6000	180	230	390				
MYP40-331□□	297	330	363	550		5400	210	270	430				
MYP40-361□□	326	360	396	595		4800	230	300	460				
MYP40-391□□	354	390	429	650		4400	250	330	490				
MYP40-431□□	389	430	466	710		4100	275	360	550				
MYP40-471□□	425	470	517	790		3600	300	390	600				
MYP40-511□□	462	510	558	850		3400	320	420	640				
MYP40-561□□	522	560	625	950		3100	360	470	710				
MYP40-621□□	558	620	674	1025		2800	390	505	800				
MYP40-681□□	612	680	736	1120		2600	420	560	910				
MYP40-751□□	675	750	815	1240		2400	460	615	920				
MYP40-781□□	702	780	858	1300		2270	480	640	930				
MYP40-821□□	738	820	902	1350		2160	510	675	940				
MYP40-911□□	819	910	933	1400		1940	550	700	960				
MYP40-951□□	855	950	988	1500		1800	580	735	1000				
MYP40-102□□	900	1000	1080	1650		1730	620	800	1040				
MYP40-112□□	990	1100	1180	1800		1620	680	860	1100				
MYP40-122□□	1080	1200	1320	2000	1400	750	970	1200					
MYP40-142□□	1260	1400	1520	2290	1200	880	1150	1300					
PMY40-162□□	1440	1600	1760	2700	1080	1000	1200	1400					

DIMENSIONS

外型尺寸

MYP53



Item No. 型号	T max. (mm)
-201	1.50
-221	1.60
-241	1.80
-271	2.20
-331	2.40
-361	2.60
-391	2.90
-431	3.20
-471	3.40
-511	3.80
-561	4.20
-621	4.60

Item No. 型号	T max. (mm)
-681	5.00
-751	5.20
-781	5.50
-821	6.10
-911	6.40
-951	6.70
-102	7.40
-112	8.00
-122	9.40
-142	10.70
-162	12.00

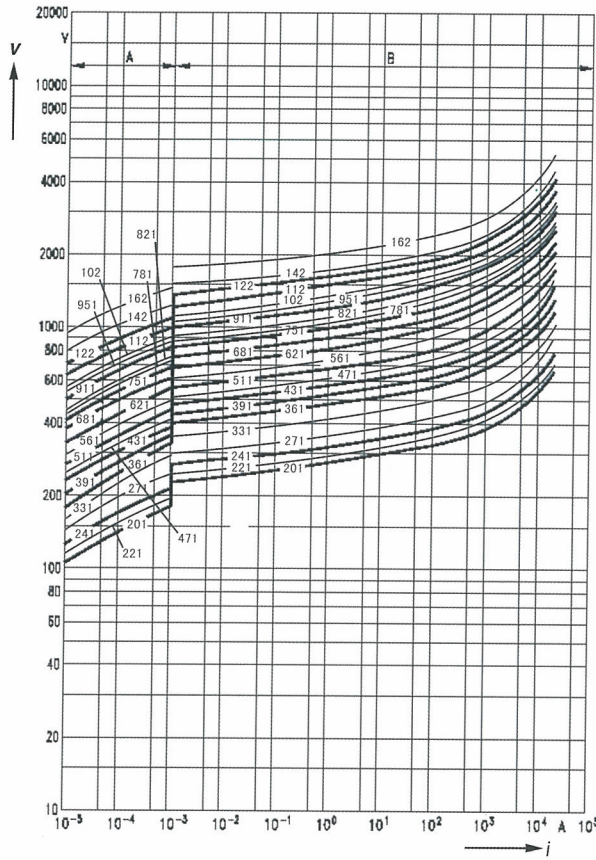
ELECTRICAL CHARACTERISTICS 电性能参数

ITEM NO. 产品型号	SPECIFICATION (25°C) 规格						MAXIMUM RATING (85°C) 最大额定值				CERTIFICATION 安规认证			
	Varistor Voltage (1mA DC) 压敏电压			@Ip Clamping Voltage 在Ip 下限制电压 (8/20μs)			Typical Capacitance 典型电容量 F= 1KHz	Continuous Voltage 连续电压		Energy 能量 10/1000μs W _{TM}	Peak Current 峰值电流 (8/20μs) I _{TM} (KA)	CE	VDE	UL
	Min (V)	V _{N(DC)} (V)	Max (V)	V _c (V)	I _p (A)	V _{RMS}		V _{DC}						
MYP53-201□□	184	200	224	340	500	14000	130	175	490	70				
MYP53-221□□	198	220	242	360		12500	140	180	530					
MYP53-241□□	216	240	259	395		11000	150	200	570					
MYP53-271□□	255	270	300	455		10000	180	230	420					
MYP53-331□□	297	330	363	550		8500	210	270	670					
MYP53-361□□	326	360	396	595		7700	230	300	730					
MYP53-391□□	354	390	429	650		7100	250	330	880					
MYP53-431□□	389	430	466	710		6600	275	360	950					
MYP53-471□□	425	470	517	790		5900	300	390	1000					
MYP53-511□□	462	510	558	850		5700	320	420	1100					
MYP53-561□□	522	560	625	950		5000	360	470	1150					
MYP53-621□□	558	620	674	1025		4600	390	505	1200					
MYP53-681□□	612	680	736	1120		4400	420	560	1500					
MYP53-751□□	675	750	815	1240		3900	460	615	1550					
MYP53-781□□	702	780	858	1300		3800	480	640	1600					
MYP53-821□□	738	820	902	1350		3500	510	675	1800					
MYP53-911□□	819	910	933	1400		3300	550	700	2000					
MYP53-951□□	855	950	988	1500		3100	580	735	2100					
MYP53-102□□	900	1000	1080	1650		2900	620	800	2200					
MYP53-112□□	990	1100	1180	1800		2700	680	860	2500					
MYP53-122□□	1080	1200	1320	2000	2400	750	970	2600						
MYP53-142□□	1260	1400	1520	2290	2100	880	1150	3000						
MYP53-162□□	1440	1600	1760	2700	1800	1000	1200	3200						

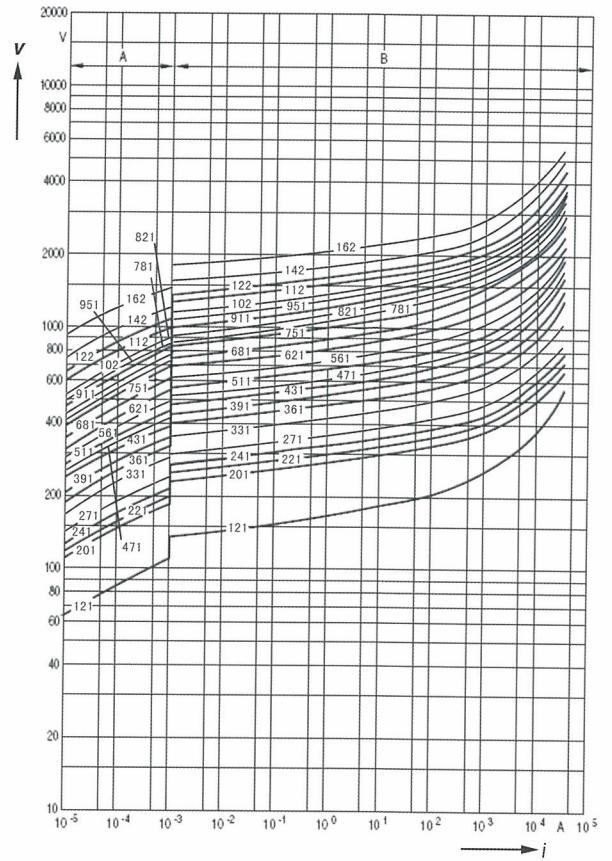
Transient V-I Characteristics Curves

瞬时伏安特性曲线

MYP32-121□ □ ~ MYP32-162□ □



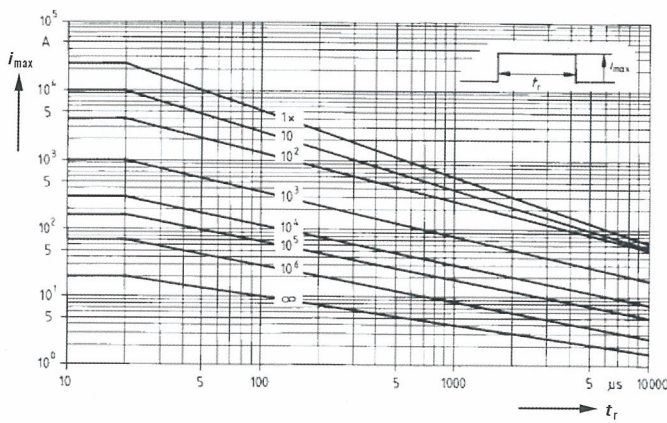
MYP34S-121□ □ ~ MYP34S-162□ □



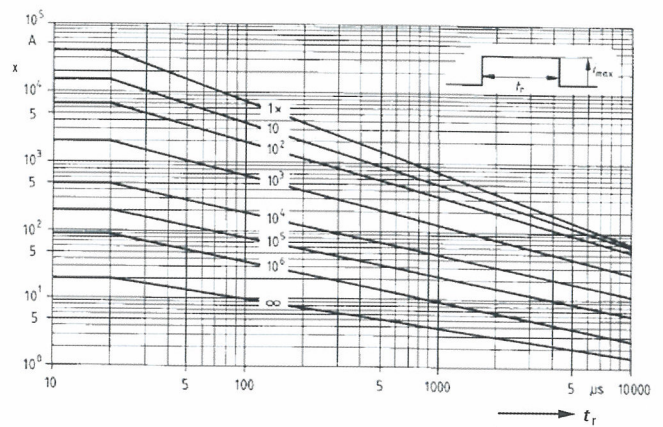
Pulse Rating Curves

脉冲寿命额定值曲线

MYP32-121□ □ ~ MYP32-162□ □



MYP34S-121□ □ ~ MYP34S-162□ □

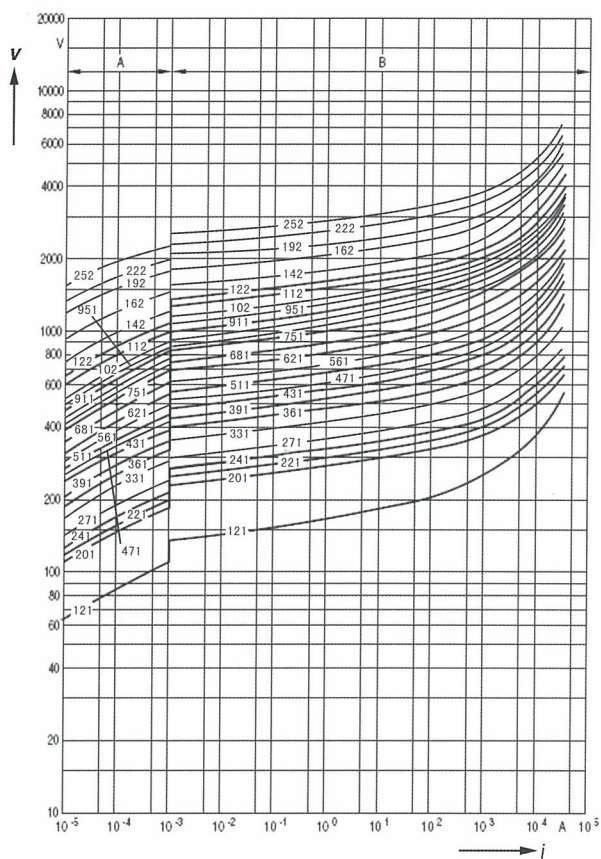


MYP HIGH ENERGY DISC VARISTOR SERIES

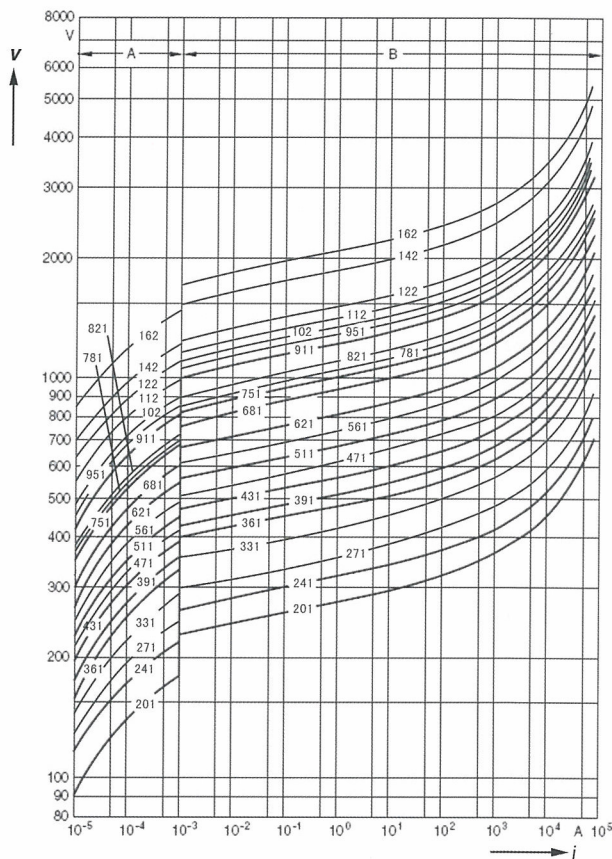
Transient V-I Characteristics Curves

瞬时伏安特性曲线

MYP40-201 □ □ ~ MYP40-162 □ □



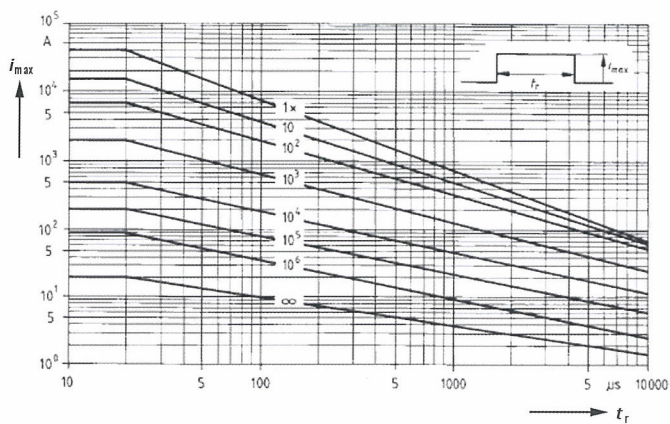
MYP53-201 □ □ ~ MYP53-162 □ □



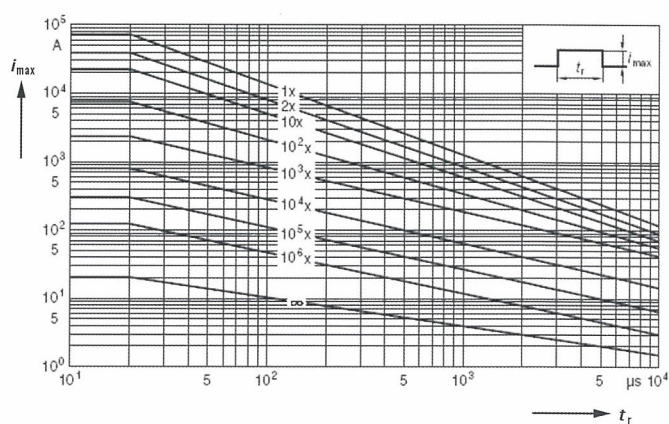
Pulse Rating Curves

脉冲寿命额定值曲线

MYP40-201 □ □ ~ MYP40-162 □ □



MYP53-201 □ □ ~ MYP53-162 □ □



MYP 高能压敏电阻片系列