

MYL PROTECTION FROM LIGHTNING SERIES

MYL防雷型系列



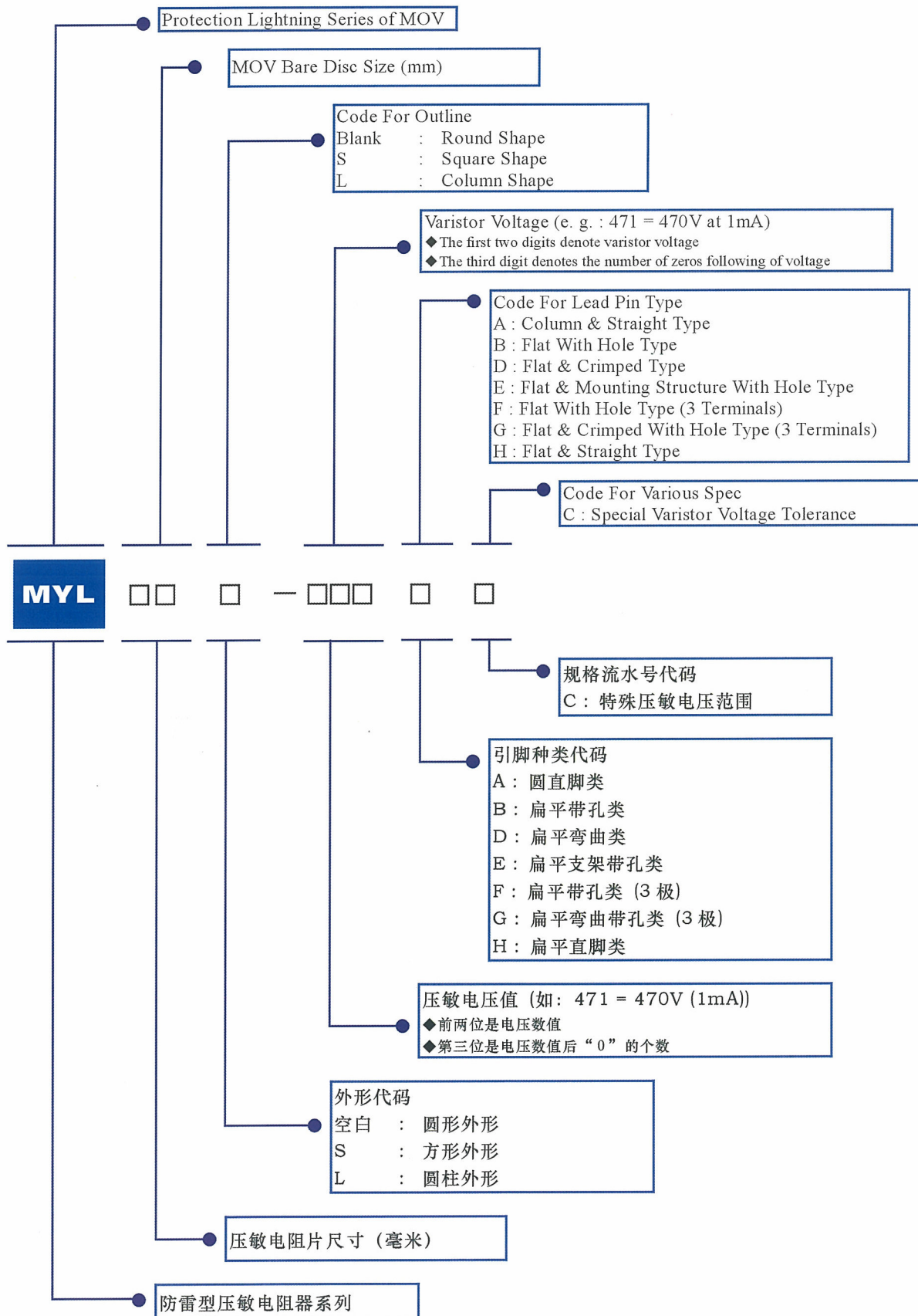
FEATURES

特点说明

Steady State AC Voltage Range ($V_{M(AC)RMS}$)	稳压交流电压定值	130 V ~ 1600 V
High Peak Surge Current Rating (I_{TM}) 8/20 μ s Pulse	高峰值冲击电流值	6500 A ~ 70000 A
Single-Pulse Energy Range (W_{TM}) 2ms Square Wave	单次脉冲能量	45 J ~ 3200 J
Average Power dissipation of transients	瞬间平均功率	< 0.60 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
Hi-Pot Encapsulation (Isolation Voltage Capability)	绝缘耐压容量	2500 V _{DC}
Insulation Resistance	绝缘电阻	1000 M Ω
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



MYL 防雷型系列

METAL OXIDE VARISTOR

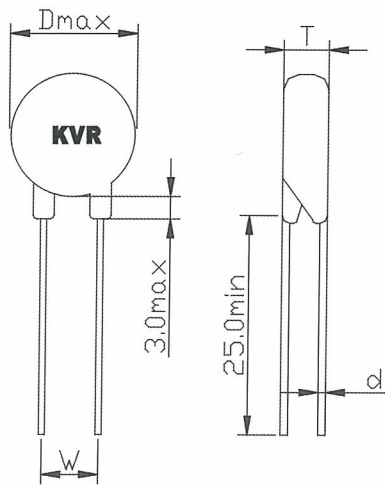
压敏电阻器

DIMENSIONS

外型尺寸

MYL14 & MYL20

Pin A Type



Item No. 型号	D max. (mm)		d ± 0.02 (mm)		W ± 1.00 (mm)		T max. (mm)	
	MYL14	MYL 20	MYL 14	MYL 20	MYL 14	MYL 20	MYL 14	MYL 20
-201A	17.00	23.00	0.80	1.00	7.50	10.00	5.20	5.60
-221A							5.20	5.60
-241A							5.30	5.70
-271A							5.40	5.80
-361A							5.50	5.90
-391A							5.60	6.00
-431A							5.80	6.20
-471A							6.00	6.40
-511A							6.20	6.60

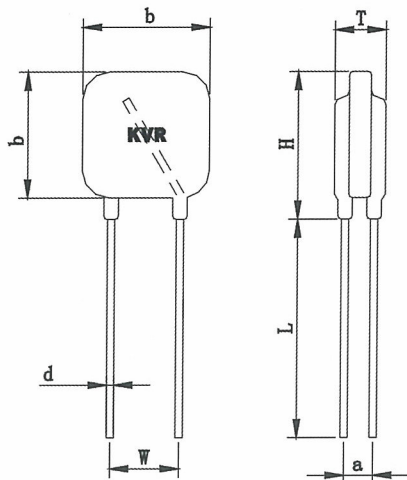
ELECTRICAL CHARACTERISTICS 电性能参数

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 压敏电压 (1mA DC)			@Ip Clamping Voltage 在Ip下限制电压 (8/20μs)		Duty Cycle Surge Rating 负载循环 浪涌额定值 (8/20μs)		Continuous Voltage 连续电压 V _{RMS}	Energy 能量 (2ms)	Peak Current 峰值电流 (8/20μs)				
	Min (V)	V _{N(DC)} (V)	Max (V)	V _c (V)	I _p (A)	3KA # Pulses	750A # Pulses	V _{M(AC)} (V)	W _{TM} (J)	I _{TM1} 1 Pulse (A)	I _{TM2} 2 Pulses (A)			
MYL14-201A MYL20-201A MYL20-201AC	184	200	224 224 220	340 340 325	50 100 100	10 20 20	80 120 120	130	45 90 90	6500 12000 12000	5000 7000 7000			
MYL14-221A MYL20-221A MYL20-221AC	198	220	242 242 228	360 360 340	50 100 100	10 20 20	80 120 120	140	50 100 100	6500 12000 12000	5000 7000 7000			
MYL14-241A MYL20-241A MYL20-241AC	216	240	264 264 243	395 395 360	50 100 100	10 20 20	80 120 120	150	55 110 110	6500 12000 12000	5000 7000 7000			
MYL14-271A MYL20-271A MYL20-271AC	247	270	300 300 285	455 455 425	50 100 100	10 20 20	80 120 120	175	60 120 120	6500 12000 12000	5000 7000 7000			
MYL14-361A MYL20-361A MYL20-361AC	324	360	396 396 380	595 595 570	50 100 100	10 20 20	80 120 120	230	80 160 160	6500 12000 12000	5000 7000 7000			
MYL14-391A MYL20-391A MYL20-391AC	354	390	429 429 413	650 650 620	50 100 100	10 20 20	80 120 120	250	100 170 170	6500 12000 12000	5000 7000 7000			
MYL14-431A MYL20-431A MYL20-431AC	389	430	473 473 453	710 710 680	50 100 100	10 20 20	80 120 120	275	110 190 190	6500 12000 12000	5000 7000 7000			
MYL14-471A MYL20-471A MYL20-471C	423	470	517 517 495	775 775 745	50 100 100	10 20 20	80 120 120	300	120 210 210	6500 12000 12000	5000 7000 7000			
MYL14-511A MYL20-511A MYL20-511AC	462	510	561 561 545	850 850 820	50 100 100	10 20 20	80 120 120	320	130 220 220	6500 12000 12000	5000 7000 7000			

MYL PROTECTION FROM LIGHTNING SERIES

DIMENSIONS

外型尺寸
MYL14S
Pin A Type



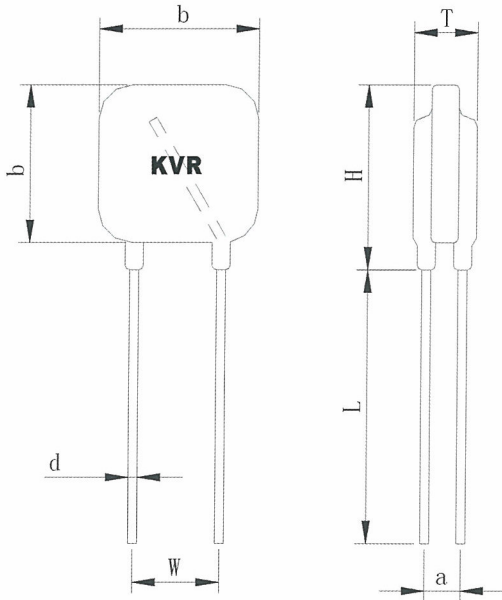
Item No. 型号	T max. (mm)	a ± 1.00 (mm)	b max. (mm)	H max. (mm)
-201A	6.30	2.90	17.50	20.50
-221A	6.30	2.90		
-241A	6.50	3.10		
-271A	6.80	3.40		
-331A	7.10	3.70		
-361A	7.20	3.80		
-391A	7.40	4.00		
-431A	7.70	4.30		
-471A	7.90	4.50		
-511A	8.20	4.80		

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 压敏电压 (1mA DC)			@I _p Clamping Voltage 在I _p 下限制电压 (8/20μs)		Duty Cycle Surge Rating 负载循环 浪涌额定值 (8/20μs)		Continuous Voltage 连续电压 V _{RMS}	Energy 能量 (2ms)	Peak Current 峰值电流 (8/20μs)				
	Min (V)	V _{N(DC)} (V)	Max (V)	V _c (V)	I _p (A)	3KA # Pulses	750A # Pulses	V _{M(AC)} (V)	W _{TM} (J)	I _{TM1} 1 Pulse (A)	I _{TM2} 2 Pulses (A)	CE	VDE	UL
MYL14S-201A	184	200	224	340	65	10	80	130	75	8000	5000			
MYL14S-221A	198	220	242	360				140	80					
MYL14S-241A	216	240	264	395				150	85					
MYL14S-271A	247	270	297	455				175	100					
MYL14S-301A	270	300	330	550				210	115					
MYL14S-361A	324	360	396	595				230	130					
MYL14S-391A	354	390	429	650				250	140					
MYL14S-431A	389	430	473	710				275	150					
MYL14S-471A	423	470	517	775				300	175					
MYL14S-511A	462	510	561	840				320	185					

DIMENSIONS

外型尺寸
MYL20S
Pin A Type



Item No. 型号	T max. (mm)	a ± 1.00 (mm)	b max. (mm)	H max. (mm)
-201A	6.30	2.90	23.50	26.50
-221A	6.30	2.90		
-241A	6.50	3.10		
-271A	6.80	3.40		
-331A	7.10	3.70		
-361A	7.20	3.80		
-391A	7.40	4.00		
-431A	7.70	4.30		
-471A	7.90	4.50		
-511A	8.20	4.80		

ELECTRICAL CHARACTERISTICS 电性能参数

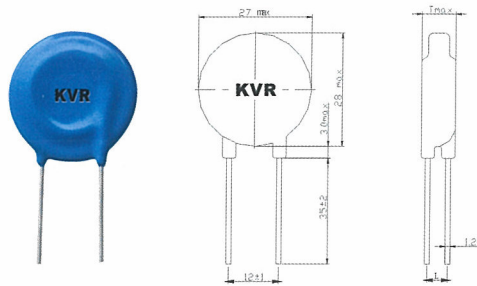
ITEM NO. 产品型号	SPECIFICATION (25°C) 规格							MAXIMUM RATING (85°C) 最大额定值					CERTIFICATION 安规认证		
	Varistor Voltage 压敏电压 (1mA DC)			@I _p Clamping Voltage 在I _p 下限制电压 (8/20μs)		Duty Cycle Surge Rating 负载循环 浪涌额定值 (8/20μs)		Continuous Voltage 连续电压 V _{RMS}	Energy 能量 (2ms)	Peak Current 峰值电流 (8/20μs)		CE	VDE	UL	
	Min (V)	V _{M(DC)} (V)	Max (V)	V _c (V)	I _p (A)	3KA # Pulses	750A # Pulses	V _{M(AC)} (V)	W _{TM} (J)	I _{TM1} 1 Pulse (A)	I _{TM2} 2 Pulses (A)				
MYL20S-201A	184	200	224	340	130	20	120	130	100	15000	10000				
MYL20S-221A	198	220	242	360					110						
MYL20S-241A	216	240	264	395					120						
MYL20S-271A	247	270	297	455					135						
MYL20S-301A	270	300	330	550					165						
MYL20S-361A	324	360	396	595					180						
MYL20S-391A	354	390	429	650					195						
MYL20S-431A	389	430	473	710					215						
MYL20S-471A	423	470	517	775					235						
MYL20S-511A	462	510	561	840					255						

DIMENSIONS

外型尺寸

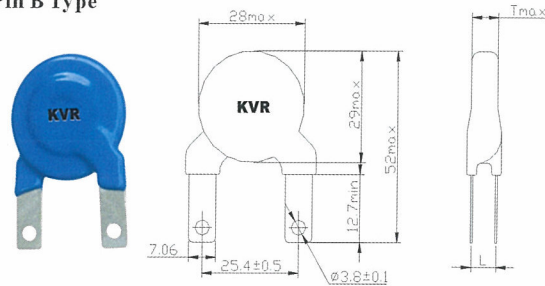
MYL25

Pin A Type



MYL25

Pin B Type



Item No. 型号	T max. (mm)		L ± 1.00 (mm)	
	A Type	B Type	A Type	B Type
-201	8.20	6.80	3.70	4.90
-221	8.20	6.80	3.70	4.90
-241	8.40	7.00	3.90	5.10
-271	8.50	7.10	4.20	5.20
-331	8.70	7.30	4.30	5.40
-361	8.90	7.50	4.50	5.60
-391	9.10	7.70	4.70	5.80
-431	9.30	7.90	5.00	6.00
-471	9.50	8.10	5.20	6.20
-511	9.80	8.40	5.50	6.50
-561	10.10	8.70	5.80	6.80
-621	10.40	9.00	6.20	7.10

Item No. 型号	T max. (mm)		L ± 1.00 (mm)	
	A Type	B Type	A Type	B Type
-681	10.80	9.40	6.60	7.50
-751	11.20	9.80	6.80	7.90
-781	11.40	9.80	7.00	8.00
-821	11.60	10.20	7.60	8.30
-911	12.10	10.70	7.80	8.80
-951	12.40	10.80	8.10	8.90
-102	12.60	11.20	8.70	9.30
-112	13.10	11.70	9.30	9.80
-122	14.20	12.80	10.40	10.90
-142	15.20	13.80	11.60	11.90
-162	16.30	14.90	12.80	13.00

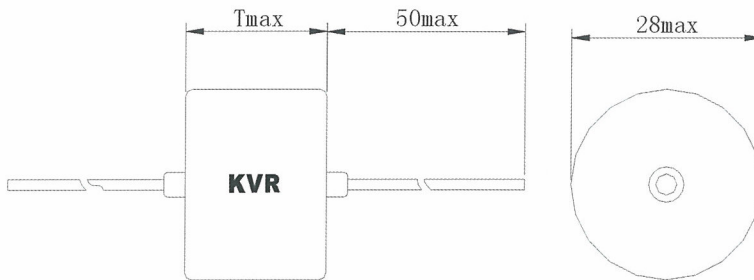
ELECTRICAL CHARACTERISTICS 电性能参数

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)	CE	VDE	UL
	Min (V)	V _{N(DC)} (V)	Max (V)	V _c (V)	I _p (A)	F = 1KHz (pF)	V _{M(AC)} (V)					
MYL25-201□	184	200	224	340	150	3700	130	175	170			
MYL25-221□	198	220	242	360		3400	140	180	180	★	◆	
MYL25-241□	216	240	259	395		3100	150	200	190	★	◆	
MYL25-271□	255	270	300	455		2600	180	230	200	★	◆	
MYL25-331□	297	330	363	545		2200	210	270	250	★	◆	
MYL25-361□	326	360	396	595		2100	230	300	280	★	◆	
MYL25-391□	354	390	432	650		1900	250	330	310	★	◆	
MYL25-431□	389	430	466	710		1800	275	360	340	★	◆	
MYL25-471□	425	470	517	790		1600	300	390	360	★	◆	
MYL25-511□	462	510	558	850		1500	320	420	430	★	◆	
MYL25-561□	522	560	625	950		1300	360	470	440	★	◆	
MYL25-621□	558	620	682	1025		1200	390	505	460	★	◆	
MYL25-681□	612	680	748	1120		1100	420	560	480	★	◆	
MYL25-751□	675	750	825	1240		1000	460	615	500	★	◆	
MYL25-781□	702	780	858	1300		990	480	640	510	★	◆	
MYL25-821□	738	820	900	1350		930	510	675	525	★	◆	
MYL25-911□	819	910	933	1400		860	550	700	540	★	◆	
MYL25-951□	855	950	1000	1500		820	580	735	560	★	◆	
MYL25-102□	900	1000	1100	1650		760	620	800	600	★	◆	
MYL25-112□	990	1100	1200	1800		690	680	860	655	★	◆	
MYL25-122□	1080	1200	1320	2000		620	750	970	700	★	◆	
MYL25-142□	1260	1400	1540	2350		540	880	1150	780	★	◆	
MYL25-162□	1440	1600	1760	2700		470	1000	1200	875	★	◆	

MYL 防雷型系列

DIMENSIONS

外型尺寸
MYL25L
Pin A Type



Item No. 型号	T max. (mm)
-182A	12.00
-222A	14.00
-272A	17.00
-332A	21.00
-392A	25.00
-472A	30.00

ELECTRICAL CHARACTERISTICS 电性能参数

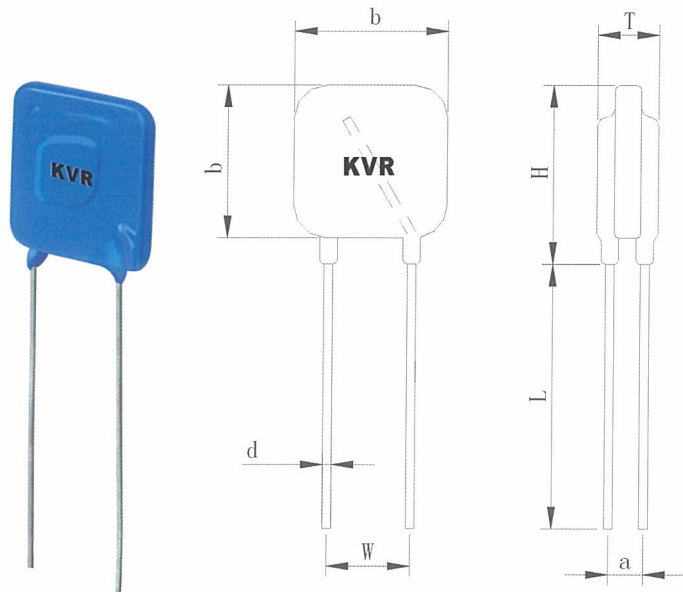
ITEM NO. 产品型号	SPECIFICATION (25°C) 规格					MAXIMUM RATING (85°C) 最大额定值				CERTIFICATION 安规认证			
	Varistor Voltage (1mA DC) 压敏电压			@I _p Clamping Voltage 在 I _p 下限制电压 (8/20μs)		Typical Capacitance 典型电容量 F=1KHz (pF)	Continuous Voltage 连续电压		Energy 能量 (10/1000μs) W _{TM} (J)	Peak Current 峰值电流 (8/20μs) I _{TM} (KA)	CE	VDE	UL
	Min (V)	V _{N(DC)} (V)	Max (V)	V _c (V)	I _p (A)		V _{RMS}	V _{DC}					
MYL25L-182A	1620	1800	2060	2940	150	400	1100	1400	900	15	CE	VDE	UL
MYL25L-222A	2020	2200	2550	3600		360	1400	1750	910				
MYL25L-272A	2500	2700	3030	4300		330	1700	2150	920				
MYL25L-332A	2970	3300	3630	5200		310	2000	2500	930				
MYL25L-392A	3510	3900	4290	6200		290	2400	3000	940				
MYL25L-472A	4230	4700	5170	7400		250	2800	3500	950				

DIMENSIONS

外型尺寸

MYL25S

Pin A Type



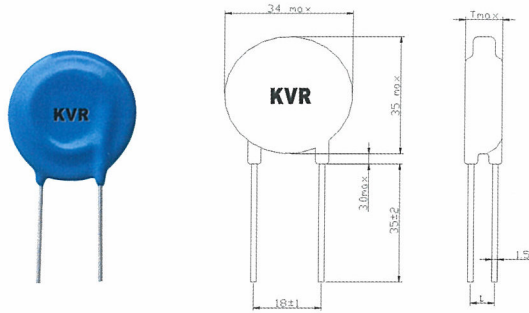
Item No. 型号	T max (mm)	a±1.00 (mm)	b max. (mm)	H max. (mm)
-201A	6.30	2.90	28.50	31.50
-221A	6.30	2.90		
-241A	6.50	3.10		
-271A	6.80	3.40		
-331A	7.10	3.70		
-361A	7.20	3.80		
-391A	7.40	4.00		
-431A	7.70	4.30		
-471A	7.90	4.50		
-511A	8.20	4.80		
-561A	8.50	5.10		
-621A	8.90	5.50		
-681A	9.30	5.90		
-751A	9.50	6.10		
-781A	9.70	6.30		
-821A	10.30	6.90		
-911A	10.50	7.10		
-951A	10.80	7.40		
-102A	11.40	8.00		
-112A	12.00	8.60		
-122A	13.10	9.70		
-142A	14.30	10.90		
-162A	15.50	12.10		

ELECTRICAL CHARACTERISTICS 电性能参数

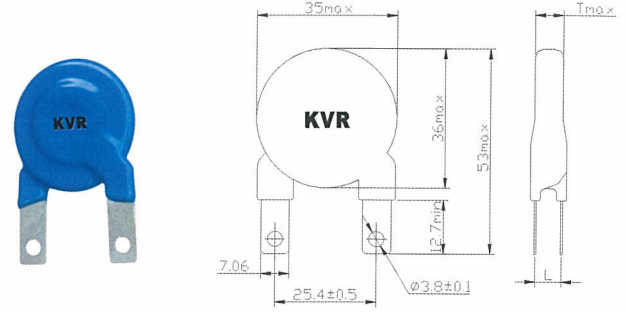
ITEM NO. 产品型号	SPECIFICATION (25°C) 规格					MAXIMUM RATING (85°C) 最大额定值				CERTIFICATION 安规认证		
	Varistor Voltage (1mA DC) 压敏电压			@Ip Clamping Voltage 在Ip下限制电压 (8/20μs)		Continuous Voltage 连续电压		Energy 能量 (10/1000μs)	Peak Current 峰值电流 (8/20μs)	CE	VDE	UL
	Min (V)	V _{N(DC)} (V)	Max (V)	V _c (V)	I _p (A)	V _{RMS}	V _{M(DC)} (V)					
MYL25S-201A	184	200	224	340	100	4300	130	175	180			
MYL25S-221A	198	220	242	360		4100	140	180	190			
MYL25S-241A	216	240	259	395		3700	150	200	200			
MYL25S-271A	255	270	300	455		3200	180	230	250			
MYL25S-331A	297	330	363	545		2700	210	270	270			
MYL25S-361A	326	360	396	595		2500	230	300	290			
MYL25S-391A	354	390	432	650		2300	250	330	330			
MYL25S-431A	389	430	466	710		2100	275	360	340			
MYL25S-471A	425	470	517	790		1900	300	390	350			
MYL25S-511A	460	510	558	850		1800	320	420	360			
MYL25S-561A	522	560	625	950		1500	360	470	370			
MYL25S-621A	558	620	674	1025		1500	390	505	380			
MYL25S-681A	612	680	736	1120		1400	420	560	390			
MYL25S-751A	675	750	815	1240		1200	460	615	430			
MYL25S-781A	702	780	858	1300		1200	480	640	440			
MYL25S-821A	738	820	888	1350		1100	510	675	450			
MYL25S-911A	819	910	933	1400		1000	550	700	480			
MYL25S-951A	855	950	1000	1500		990	580	735	520			
MYL25S-102A	900	1000	1100	1650		920	620	800	550			
MYL25S-112A	990	1100	1200	1800		840	680	860	620			
MYL25S-122A	1080	1200	1320	2000	750	750	970	670				
MYL25S-142A	1260	1400	1520	2290	650	880	1150	780				
MYL25S-162A	1440	1600	1760	2700	570	1000	1200	860				

DIMENSIONS

外型尺寸
MYL32
Pin A Type



MYL32
Pin B Type



Item No. 型号	T max. (mm)		L ± 1.00 (mm)	
	A Type	B Type	A Type	B Type
-201	8.80	6.80	4.90	4.90
-221	8.80	6.80	4.90	4.90
-241	9.00	7.00	5.10	5.10
-271	9.10	7.10	5.20	5.20
-331	9.30	7.30	5.40	5.40
-361	9.50	7.50	5.60	5.60
-391	9.70	7.70	5.80	5.80
-431	9.90	7.90	6.00	6.00
-471	10.10	8.10	6.20	6.20
-511	10.40	8.40	6.50	6.50
-561	10.70	8.70	6.80	6.80
-621	11.00	9.00	7.10	7.10

Item No. 型号	T max. (mm)		L ± 1.00 (mm)	
	A Type	B Type	A Type	B Type
-681	11.40	9.40	7.50	7.50
-751	11.80	9.80	7.90	7.90
-781	12.00	9.90	8.00	8.00
-821	12.20	10.20	8.30	8.30
-911	12.70	10.70	8.80	8.80
-951	12.90	10.80	9.00	8.90
-102	13.20	11.20	9.30	9.30
-112	13.70	11.70	9.80	9.80
-122	14.80	12.80	10.90	10.90
-142	15.80	13.80	11.90	11.90
-162	16.90	14.90	13.00	13.00

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)	V _{M(AC)} (V)	V _{M(DC)} (V)	W _{TM} (J)	I _{TM} (KA)	CE	VDE	UL
MYL32-201□	184	200	224	340	200	4100	130	175	210	25	★	◆
MYL32-221□	198	220	242	360		3700	140	180	225		★	◆
MYL32-241□	216	240	259	395		3400	150	200	240		★	◆
MYL32-271□	255	270	300	455		2900	180	230	250		★	◆
MYL32-331□	297	330	363	550		2600	210	270	270		★	◆
MYL32-361□	326	360	396	595		2300	230	300	300		★	◆
MYL32-391□	354	390	429	650		2100	250	330	330		★	◆
MYL32-431□	389	430	466	710		2000	275	360	360		★	◆
MYL32-471□	425	470	517	790		1700	300	390	380		★	◆
MYL32-511□	462	510	558	850		1600	320	420	430		★	◆
MYL32-561□	522	560	625	950		1400	360	470	490		★	◆
MYL32-621□	558	620	674	1025		1300	390	505	550		★	◆
MYL32-681□	612	680	736	1120		1300	420	560	600		★	◆
MYL32-751□	675	750	815	1240		1100	460	615	520		★	◆
MYL32-781□	702	780	858	1300		1100	480	640	550		★	◆
MYL32-821□	738	820	900	1350		1000	510	675	580		★	◆
MYL32-911□	819	910	933	1400		950	550	700	620		★	◆
MYL32-951□	855	950	1000	1500		900	580	735	650		★	◆
MYL32-102□	900	1000	1080	1650		840	620	800	680		★	◆
MYL32-112□	990	1100	1180	1800		770	680	860	760		★	◆
MYL32-122□	1080	1200	1320	2000	690	750	970	800	★	◆		
MYL32-142□	1260	1400	1520	2290	590	880	1150	850	★	◆		
MYL32-162□	1440	1600	1760	2700	520	1000	1200	900	★	◆		

DIMENSIONS

外型尺寸

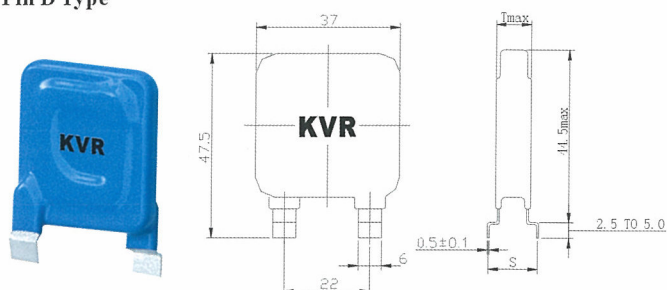
MYL34S

Pin B Type



MYL34S

Pin D Type



Item No. 型号	T max. (mm)		L ± 0.10 (mm)		S (mm)	
	B Type	D Type	B Type	D Type	B Type	D Type
-201	6.80		4.90		5.50 ± 0.65	
-221	6.80		5.00		5.70 ± 0.65	
-241	7.00		5.10		5.90 ± 0.65	
-271	7.10		5.20		6.15 ± 0.65	
-331	7.30		5.40		6.15 ± 0.65	
-361	7.50		5.60		6.25 ± 0.65	
-391	7.70		5.80		6.25 ± 0.65	
-431	7.90		6.00		6.50 ± 0.65	
-471	8.10		6.20		6.70 ± 0.65	
-511	8.40		6.50		6.90 ± 0.65	
-561	8.70		6.80		7.50 ± 0.85	
-621	9.00		7.10		7.65 ± 0.85	

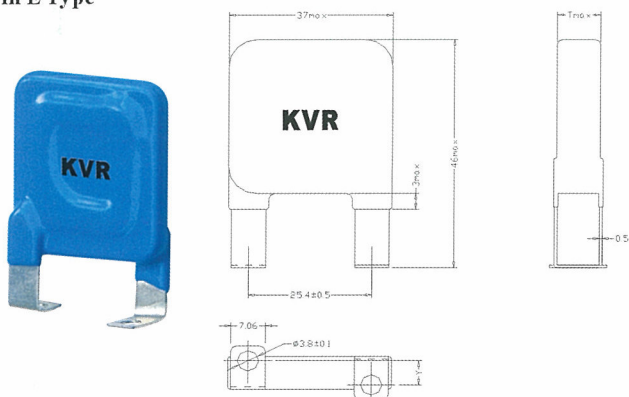
Item No. 型号	T max. (mm)		L ± 0.10 (mm)		S (mm)	
	B Type	D Type	B Type	D Type	B Type	D Type
-681	9.40		7.50		7.85 ± 0.85	
-751	9.80		7.90		8.15 ± 1.00	
-781	10.00		8.00		8.25 ± 1.00	
-821	10.20		8.30		8.60 ± 1.00	
-911	10.70		8.80		8.85 ± 1.50	
-951	11.00		9.00		8.85 ± 1.50	
-102	11.20		9.30		9.35 ± 1.50	
-112	11.70		9.80		9.65 ± 1.50	
-122	12.80		10.90		10.65 ± 1.50	
-142	13.80		11.90		12.55 ± 1.50	
-162	14.90		13.00		14.25 ± 1.50	

DIMENSIONS

外型尺寸

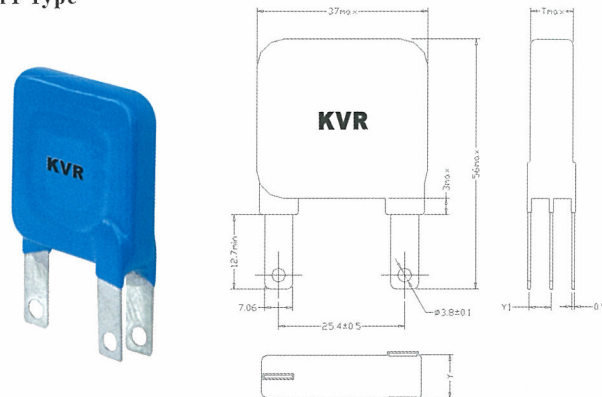
MYL34S

Pin E Type



MYL34S

Pin F Type



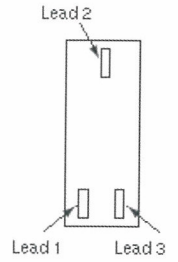
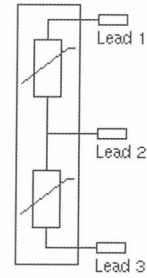
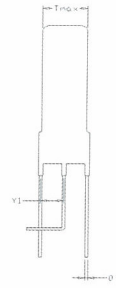
Item No. 型号	T max. (mm)		Y ± 1.00 (mm)		Y ± 0.50 (mm)	
	E Type	F Type	E Type	F Type	E Type	F Type
-201	6.80	8.30	5.20	5.20		
-221	6.80	8.40	5.20	5.60		
-241	7.00	8.70	5.10	6.20		
-271	7.10	9.10	4.80	6.60		
-331	7.30	10.00	4.600	7.40		
-361	7.50	10.40	4.500	7.80		
-391	7.70	10.80	4.30	8.20		
-431	7.90	11.40	4.20	8.72		
-471	8.10	12.10	3.90	9.40		
-511	8.40	13.00	3.80	9.80		
-561	8.70	13.40	3.50	10.40		
-621	9.00	14.40	3.50	11.20		

Item No. 型号	T max. (mm)		Y ± 1.00 (mm)		Y ± 0.50 (mm)	
	E Type	F Type	E Type	F Type	E Type	F Type
-681	9.40	15.30	3.30	12.10		
-751	9.80	16.30	2.80	13.00		
-781	10.00	16.70	2.70	13.40		
-821	10.20	17.30	2.50	14.00		
-911	10.70	18.60	2.30	15.20		
-951	11.00	19.20	2.00	15.70		
-102	11.20	19.90	1.70	16.40		
-112	11.70	21.30	1.30	17.80		
-122	12.80	22.50	0.60	19.00		
-142	13.80	25.50	-0.30	21.80		
-162	14.90	28.10	-1.20	24.40		

Y1 = Y / 2

DIMENSIONS

外型尺寸
MYL34S
Pin G Type



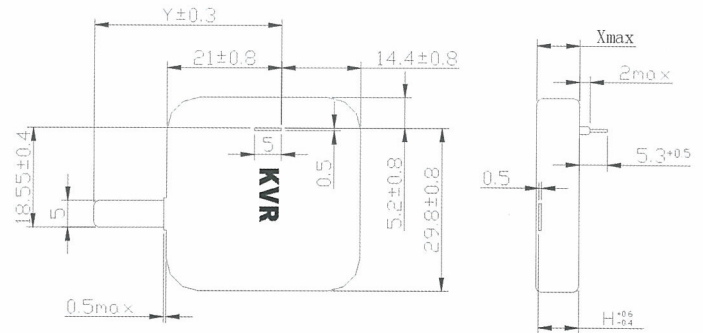
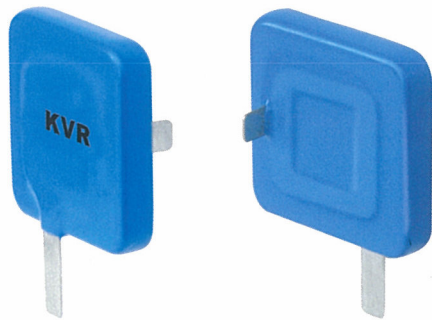
Item No. 型号	T max. (mm)	Y ± 0.50 (mm)
-201G	8.30	5.20
-221G	8.40	5.60
-241G	8.70	6.20
-271G	9.10	6.60
-331G	10.00	7.40
-361G	10.40	7.80
-391G	10.80	8.20
-431G	11.40	8.72
-471G	12.10	9.40
-511G	13.00	9.80
-561G	13.40	10.40
-621G	14.40	11.20

Item No. 型号	T max. (mm)	Y ± 0.50 (mm)
-681G	15.30	12.10
-751G	16.30	13.00
-781G	16.70	13.40
-821G	17.30	14.00
-911G	18.60	15.20
-951G	19.20	15.70
-102G	19.90	16.40
-112G	21.30	17.80
-122G	22.50	19.00
-142G	25.50	21.80
-162G	28.10	24.40

Y1 = Y / 2

DIMENSIONS

外型尺寸
MYL34S
Pin H Type



Item No. 型号	X max. (mm)	Y (mm)	H (mm)
-201H	5.80	32.00	3.80
-221H	5.80	32.00	4.00
-241H	5.90	32.00	4.00
-271H	6.30	32.00	4.50
-331H	6.50	32.00	4.90
-361H	6.70	32.00	5.10
-391H	6.90	32.00	5.20
-431H	7.10	33.20	5.20
-471H	7.40	33.20	5.70
-511H	7.60	33.20	5.70
-561H	8.00	33.20	6.30
-621H	8.20	35.00	6.30

Item No. 型号	T max. (mm)	Y (mm)	H (mm)
-681H	8.90	35.00	7.00
-751H	8.90	35.00	7.50
-781H	9.00	35.00	7.50
-821H	9.00	35.00	7.60
-911H	9.70	35.00	7.70
-951H	9.70	35.00	7.80
-102H	10.00	35.00	8.00
-112H	10.50	35.00	8.00
-122H	11.60	35.00	8.60
-142H	12.60	35.00	9.90
-162H	13.70	35.00	11.00

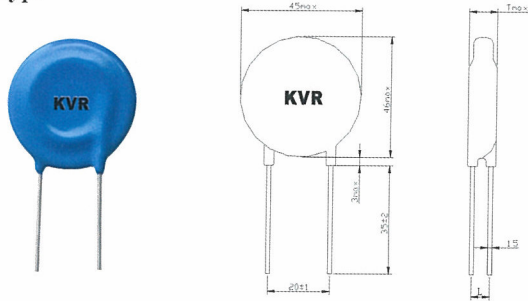
ELECTRICAL CHARACTERISTICS 电性能参数

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			@I _p Clamping Voltage 在 I _p 下限制电压 (8/20 μs)		Typical Capacitance 典型电容量	Continuous Voltage 连续电压		Energy 能量 (10/1000 μs)	Peak Current 峰值电流 (8/20 μs)			
	Min (V)	V _{NDC} (V)	Max (V)	V _c (V)	I _p (A)		V _{RMS}	V _{DC}					
MYL34S-201□	184	200	224	340	300	7900	130	175	310	40	★		◆
MYL34S-221□	198	220	242	360		7200	140	180	330		★		◆
MYL34S-241□	216	240	259	395		6600	150	200	360		★		◆
MYL34S-271□	255	270	300	455		5600	180	230	390		★		◆
MYL34S-331□	297	330	363	550		5000	210	270	430		★		◆
MYL34S-361□	326	360	396	595		4400	230	300	460		★		◆
MYL34S-391□	354	390	429	650		4100	250	330	490		★		◆
MYL34S-431□	389	430	466	710		3800	275	360	550		★		◆
MYL34S-471□	425	470	517	790		3400	300	390	600		★		◆
MYL34S-511□	462	510	558	850		3200	320	420	640		★		◆
MYL34S-561□	522	560	625	950		2900	360	470	710		★		◆
MYL34S-621□	558	620	674	1025		2600	390	505	800		★		◆
MYL34S-681□	612	680	736	1120		2400	420	560	910		★		◆
MYL34S-751□	675	750	815	1240		2200	460	615	920		★		◆
MYL34S-781□	702	780	858	1300		2100	480	640	930		★		◆
MYL34S-821□	738	820	888	1350		2000	510	675	940		★		◆
MYL34S-911□	819	910	933	1400		1800	550	700	960		★		◆
MYL34S-951□	855	950	988	1500		1700	580	735	1000		★		◆
MYL34S-102□	900	1000	1080	1650		1600	620	800	1040		★		◆
MYL34S-112□	990	1100	1180	1800		1500	680	860	1100		★		◆
MYL34S-122□	1080	1200	1320	2000	1300	750	970	1200	★		◆		
MYL34S-142□	1260	1400	1520	2290	1100	880	1150	1300	★		◆		
MYL34S-162□	1440	1600	1688	2550	1000	1000	1200	1400	★		◆		

MYL 防雷型系列

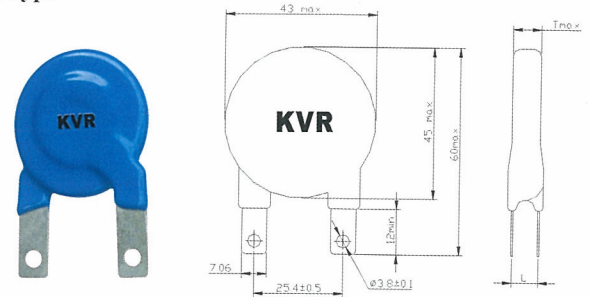
DIMENSIONS

外型尺寸
MYL40
Pin A Type



Item No. 型号	T max. (mm)		L ± 0.10 (mm)	
	A Type	B Type	A Type	B Type
-201	8.80	6.80	4.90	4.90
-221	8.80	6.80	4.90	4.90
-241	9.00	7.00	5.10	5.10
-271	9.10	7.10	5.20	5.20
-331	9.30	7.30	5.40	5.40
-361	9.50	7.50	5.60	5.60
-391	9.70	7.70	5.80	5.80
-431	9.90	7.90	6.00	6.00
-471	10.10	8.10	6.20	6.20
-511	10.40	8.40	6.50	6.50
--561	10.70	8.70	6.80	6.80
-621	11.00	9.00	7.10	7.10

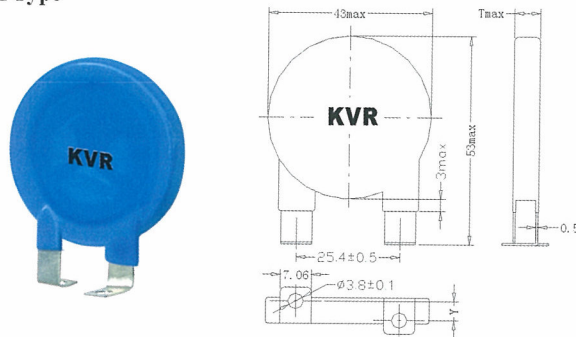
MYL40
Pin B Type



Item No. 型号	T max. (mm)		L ± 0.10 (mm)	
	A Type	B Type	A Type	B Type
-681	11.40	9.40	7.50	7.50
-751	11.80	9.80	7.90	7.90
-781	12.00	9.90	8.00	8.00
-821	12.20	10.20	8.30	8.30
-911	12.70	10.70	8.80	8.80
-951	12.90	10.80	9.00	8.90
-102	13.20	11.20	9.30	9.30
-112	13.70	11.70	9.80	9.80
-122	14.80	12.80	10.90	10.90
-142	15.80	13.80	11.90	11.90
-162	16.90	14.90	13.00	13.00

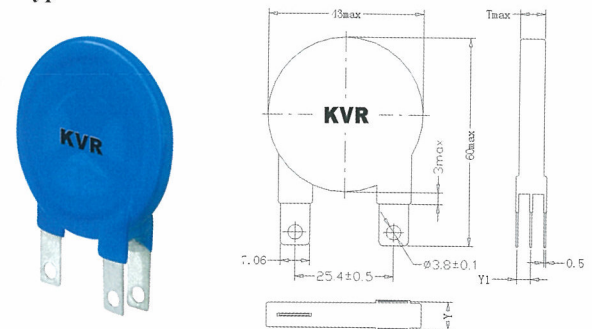
DIMENSIONS

外型尺寸
MYL40
Pin E Type



Item No. 型号	T max. (mm)		Y ± 0.10 (mm)		Y ± 0.50 (mm)	
	E Type	F Type	E Type	F Type	E Type	F Type
-201	6.80	8.30	5.20	5.20		
-221	6.80	8.40	5.20	5.60		
-241	7.00	8.70	5.10	6.20		
-271	7.10	9.10	4.80	6.60		
-331	7.30	10.00	4.60	7.40		
-361	7.50	10.40	4.50	7.80		
-391	7.70	10.80	4.30	8.20		
-431	7.90	11.40	4.20	8.72		
-471	8.10	12.10	3.90	9.40		
-511	8.40	13.00	3.80	9.80		
-561	8.70	13.40	3.50	10.40		
-621	9.00	14.40	3.50	11.20		

MYL40
Pin F Type

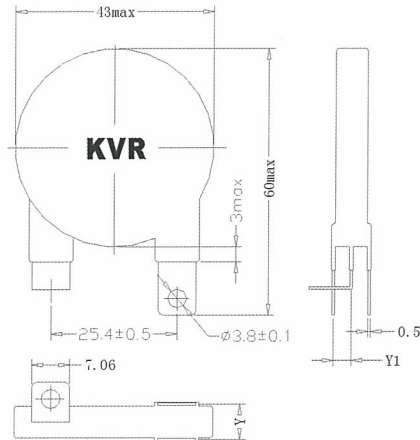


Item No. 型号	T max. (mm)		Y ± 0.10 (mm)		Y ± 0.50 (mm)	
	E Type	F Type	E Type	F Type	E Type	F Type
-681	9.40	15.30	3.30	12.10		
-751	9.80	16.30	2.80	13.00		
-781	10.00	16.70	2.70	13.40		
-821	10.20	17.30	2.50	14.00		
-911	10.70	18.60	2.30	15.20		
-951	11.00	19.20	2.00	15.70		
-102	11.20	19.90	1.70	16.40		
-112	11.70	21.30	1.30	17.80		
-122	12.80	22.50	0.60	19.00		
-142	13.80	25.50	-0.30	21.80		
-162	14.90	28.10	-1.20	24.40		

Y1=Y/2

DIMENSIONS

外型尺寸
MYL40
Pin G Type



Item No. 型号	T max. (mm)	Y ± 0.50 (mm)
- 2 0 1 G	8.30	5.20
- 2 2 1 G	8.40	5.60
- 2 4 1 G	8.70	6.20
- 2 7 1 G	9.10	6.60
- 3 3 1 G	10.00	7.40
- 3 6 1 G	10.40	7.80
- 3 9 1 G	10.80	8.20
- 4 3 1 G	11.40	8.72
- 4 7 1 G	12.10	9.40
- 5 1 1 G	13.00	9.80
- 5 6 1 G	13.40	10.40
- 6 2 1 G	14.40	11.20

Item No. 型号	T max. (mm)	Y ± 0.50 (mm)
- 6 8 1 G	15.30	12.10
- 7 5 1 G	16.30	13.00
- 7 8 1 G	16.70	13.40
- 8 2 1 G	17.30	14.00
- 9 1 1 G	18.60	15.20
- 9 5 1 G	19.20	15.70
- 1 0 2 G	19.90	16.40
- 1 1 2 G	21.30	17.80
- 1 2 2 G	22.50	19.00
- 1 4 2 G	25.50	21.80
- 1 6 2 G	28.10	24.40
		Y1 = Y / 2

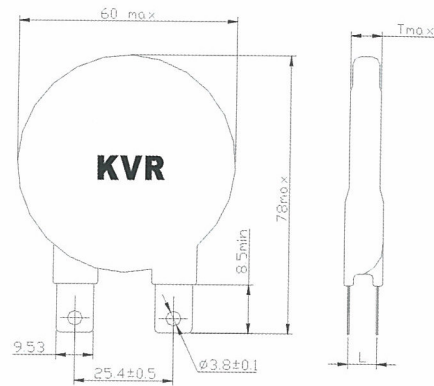
ELECTRICAL CHARACTERISTICS 电性能参数

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
	M in (V)	V _{N(DC)} (V)	Max (V)	V _c (V)	Ip (A)		V _{RMS}	V _{M(DC)} (V)					
MYL40-201□	184	200	224	340	300	8600	130	175	310	40	★		
MYL40-221□	198	220	242	360		7800	140	180	330		★		
MYL40-241□	216	240	259	395		7200	150	200	360		★		
MYL40-271□	255	270	300	455		6000	180	230	390		★		
MYL40-331□	297	330	363	550		5400	210	270	430		★		
MYL40-361□	326	360	396	595		4800	230	300	460		★		
MYL40-391□	354	390	429	650		4400	250	330	490		★		
MYL40-431□	389	430	466	710		4100	275	360	550		★		
MYL40-471□	425	470	517	790		3600	300	390	600		★		
MYL40-511□	462	510	558	850		3400	320	420	640		★		
MYL40-561□	522	560	625	950		3100	360	470	710		★		
MYL40-621□	558	620	674	1025		2800	390	505	800		★		
MYL40-681□	612	680	736	1120		2600	420	560	910		★		
MYL40-751□	675	750	815	1240		2400	460	615	920		★		
MYL40-781□	702	780	858	1300		2270	480	640	930		★		
MYL40-821□	738	820	888	1350		2160	510	675	940		★		
MYL40-911□	819	910	933	1400		1940	550	700	960		★		
MYL40-951□	855	950	988	1500		1800	580	735	1000		★		
MYL40-102□	900	1000	1080	1650		1730	620	800	1040		★		
MYL40-112□	990	1100	1180	1800		1620	680	860	1100		★		
MYL40-122□	1080	1200	1320	2000	1400	750	970	1200	★				
MYL40-142□	1260	1400	1520	2290	1200	880	1150	1300	★				
MYL40-162□	1440	1600	1760	2700	1080	1000	1200	1400	★				
MYL40-192□	1710	1900	1990	2850	1000	1200	1400	1500	★				
MYL40-222□	1980	2200	2230	3350	820	1400	1600	1600	★				
MYL40-252□	2270	2500	2530	3800	680	1600	1800	1800	★				

MYL 防雷型系列

DIMENSIONS

外型尺寸
MYL53
Pin B Type



Item No. 型号	T max. (mm)	L ± 0.10 (mm)
-201B	6.80	4.90
-221B	6.80	4.90
-241B	7.00	5.10
-271B	7.10	5.20
-331B	7.30	5.40
-361B	7.50	5.60
-391B	7.70	5.80
-431B	7.90	6.00
-471B	8.10	6.20
-511B	8.40	6.50
-561B	8.70	6.80
-621B	9.00	7.10

Item No. 型号	T max. (mm)	L ± 0.10 (mm)
-681B	9.40	7.50
-751B	9.80	7.90
-781B	10.00	8.00
-821B	10.20	8.30
-911B	10.70	8.80
-951B	10.90	9.00
-102B	11.20	9.30
-112B	11.70	9.80
-122B	12.80	10.90
-142B	13.80	11.90
-162B	14.90	13.00

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 _{M(AC)} (V)	V _{M(DC)} (V)					
MYL53-201B	184	200	224	340	500	14000	130	175	490	70	◆	◆	◆
MYL53-241B	216	240	259	395		11000	150	200	570				
MYL53-271B	255	270	300	455		10000	180	230	630				
MYL53-331B	297	330	363	550		8500	210	270	670				
MYL53-361B	326	360	396	595		7700	230	300	730				
MYL53-391B	354	390	429	650		7100	250	330	880				
MYL53-431B	389	430	466	710		6600	275	360	950				
MYL53-471B	425	470	517	790		5900	300	390	1000				
MYL53-511B	462	510	558	850		5700	320	420	1100				
MYL53-561B	522	560	625	950		5000	360	470	1150				
MYL53-621B	558	620	674	1025		4600	390	505	1200				
MYL53-681B	612	680	736	1120		4400	420	560	1500				
MYL53-751B	675	750	815	1240		3900	460	615	1550				
MYL53-781B	702	780	858	1300		3800	480	640	1600				
MYL53-821B	738	820	888	1350		3500	510	675	1800				
MYL53-911B	819	910	933	1400		3300	550	700	2000				
MYL53-951B	855	950	988	1500		3100	580	735	2100				
MYL53-102B	900	1000	1080	1650		2900	620	800	2200				
MYL53-112B	990	1100	1180	1800		2700	680	860	2500				
MYL53-122B	1080	1200	1320	2000		2400	750	970	2600				
MYL53-142B	1260	1400	1520	2290	2100	880	1150	3200					
MYL53-162B	1440	1600	1760	2700	1800	1000	1200	3200					

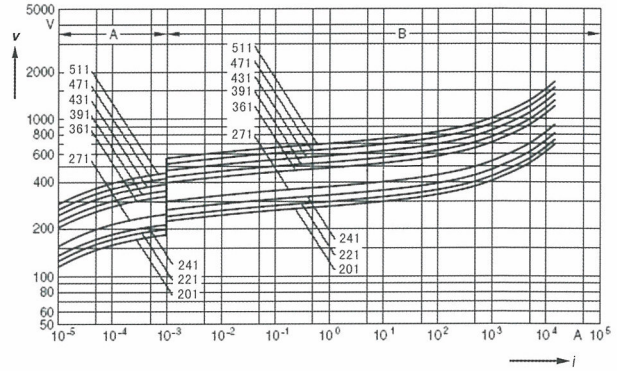
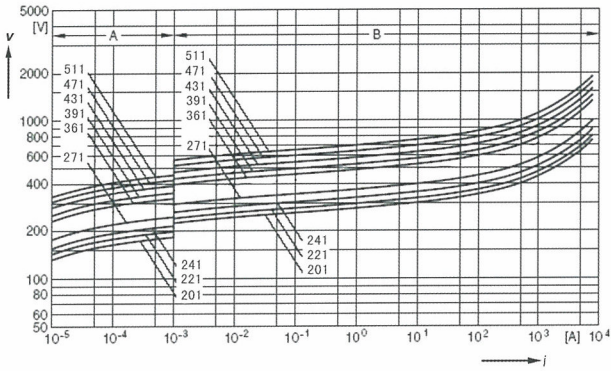
MYL PROTECTION FROM LIGHTNING SERIES

Transient V-I Characteristics Curves

瞬时伏安特性曲线

MYL14-201A ~ MYL14-511A
MYL14S-201A ~ MYL14S-511A

MYL20-201A ~ MYL20-511A
MYL20S-201A ~ MYL20S-511A

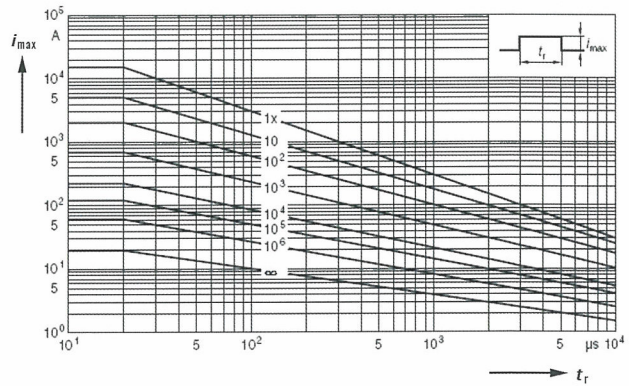
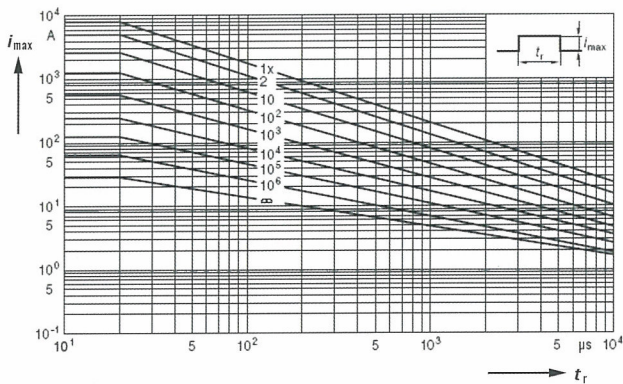


Pulse Rating Curves

脉冲寿命额定值曲线

MYL14-201A ~ MYL14-511A
MYL14S-201A ~ MYL14S-511A

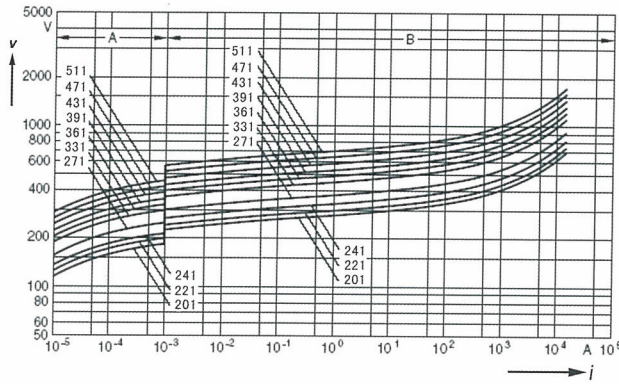
MYL20-201A ~ MYL20-511A
MYL20S-201A ~ MYL20S-511A



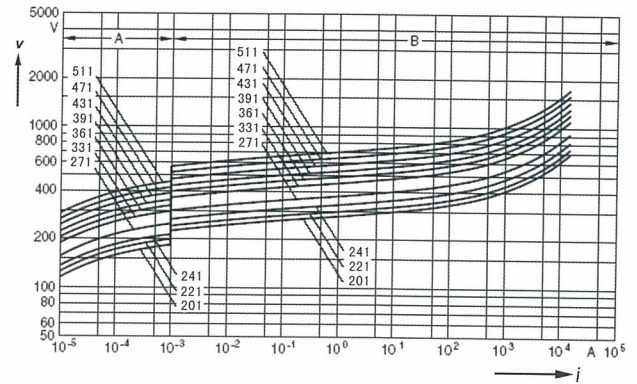
Transient V-I Characteristics Curves

瞬时伏安特性曲线

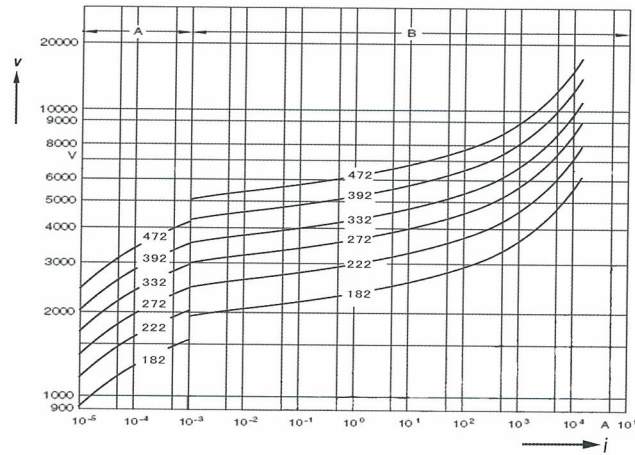
MYL25-201□ ~ MYL25-162□



MYL25S-201A ~ MYS25-162A



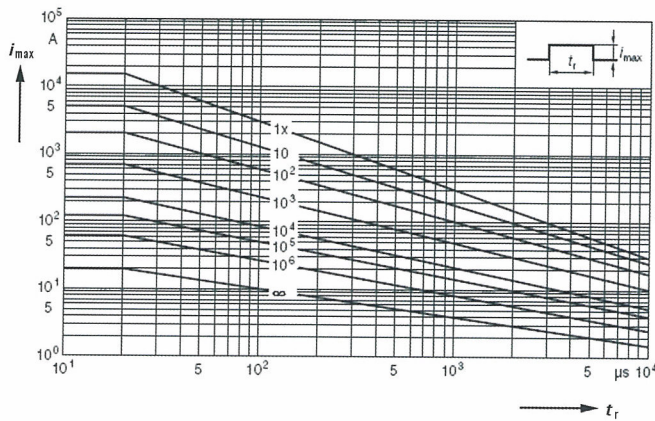
MYL25L-182A ~ MYL25L-472A



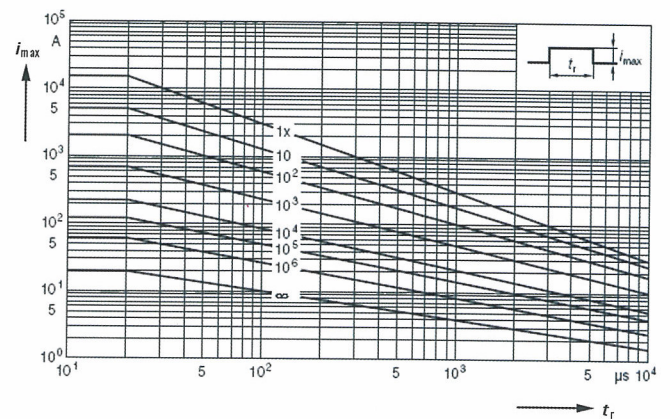
Pulse Rating Curves

脉冲寿命额定值曲线

MYL25-201□ ~ MYL25-162□
MYL25S-201A ~ MYL25S-162A



MYL25L-182A ~ MYL25L-472A

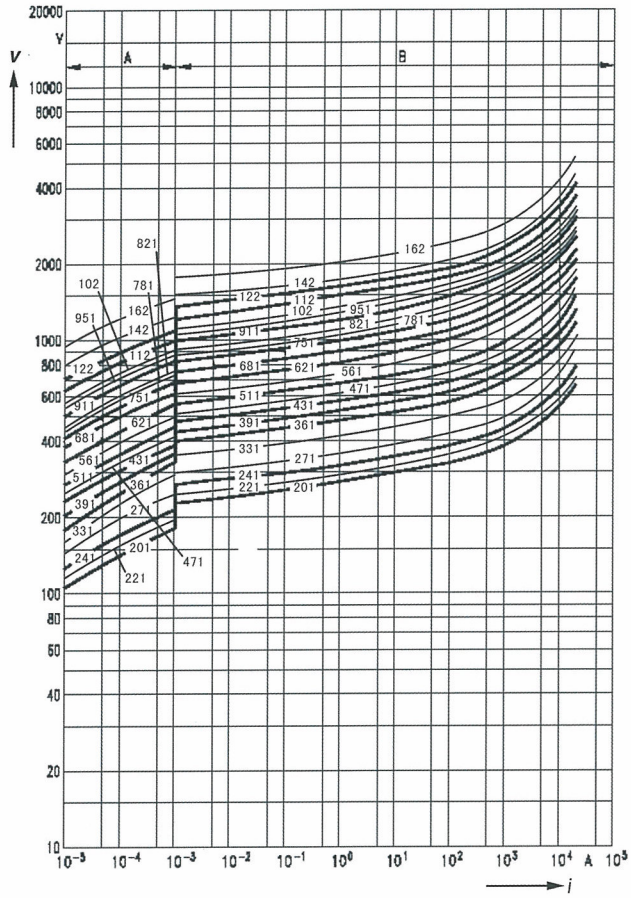


MYL PROTECTION FROM LIGHTNING SERIES

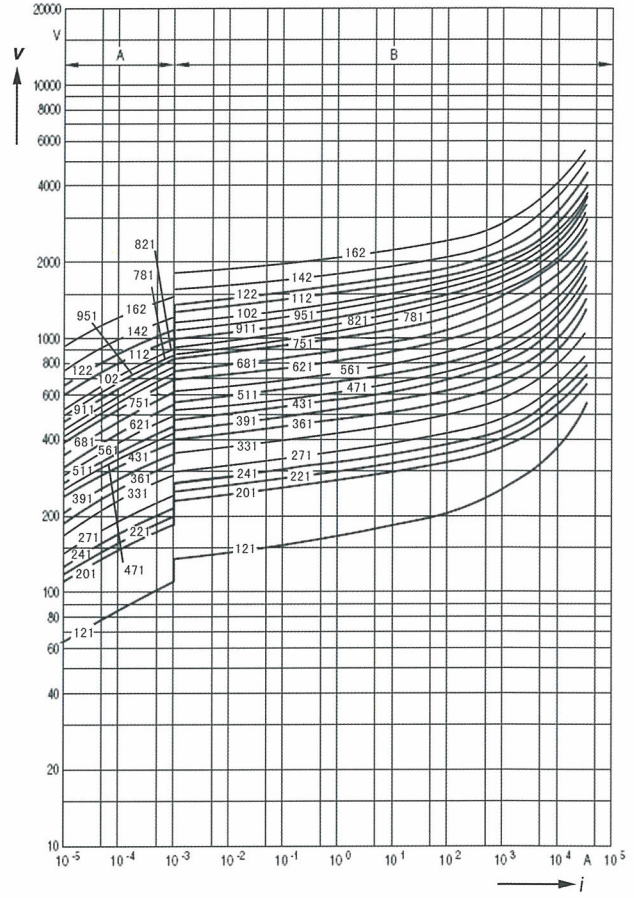
Transient V-I Characteristics Curves

瞬时伏安特性曲线

MYL32-201□ ~ MYL32-162□



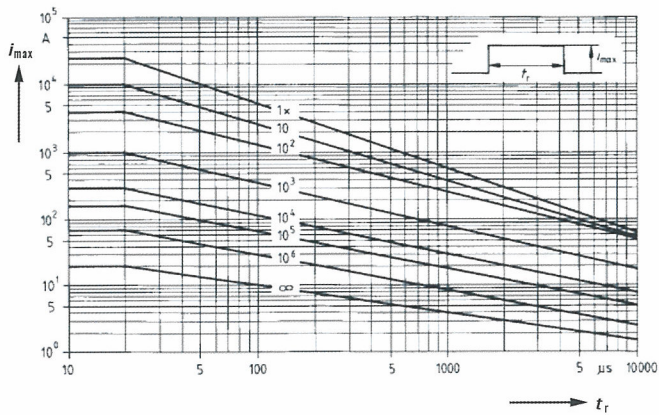
MYL34S-201□ ~ MYL34S-162□



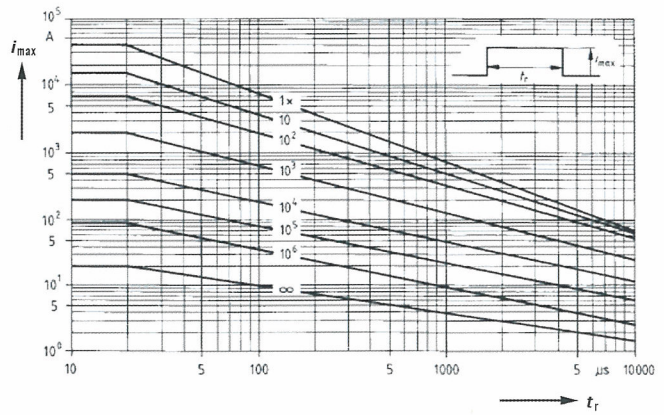
Pulse Rating Curves

脉冲寿命额定值曲线

MYL32-201□ ~ MYL32-162□



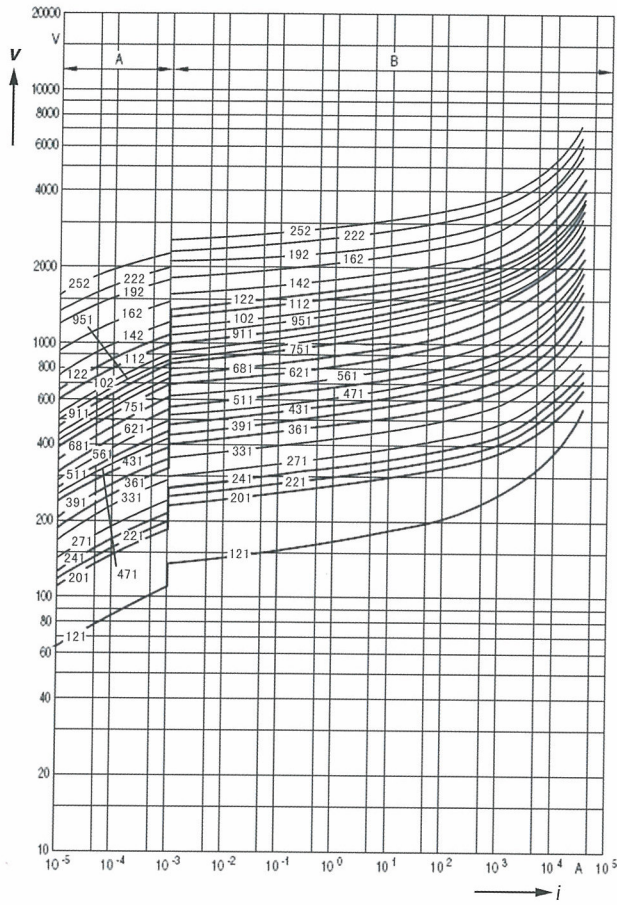
MYL34S-201□ ~ MYL34S-162□



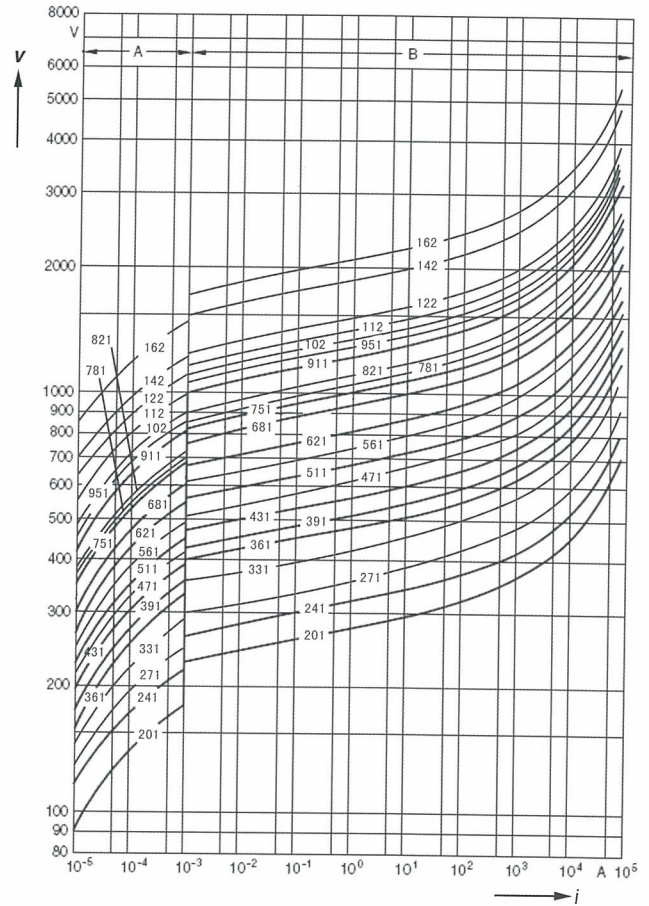
Transient V-I Characteristics Curves

瞬时伏安特性曲线

MYL40-201□ ~ MYL40-252□



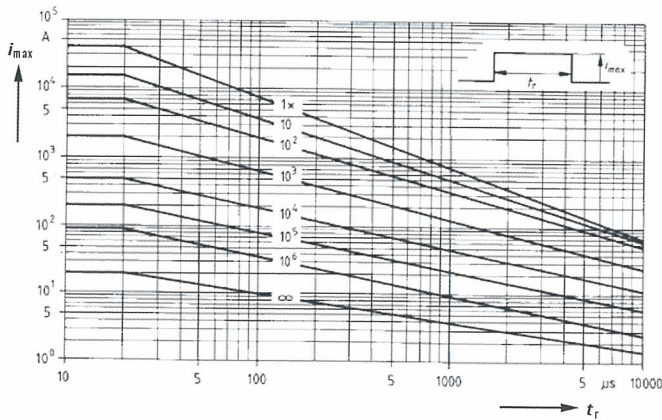
MYL53-201B ~ MYL53-162B



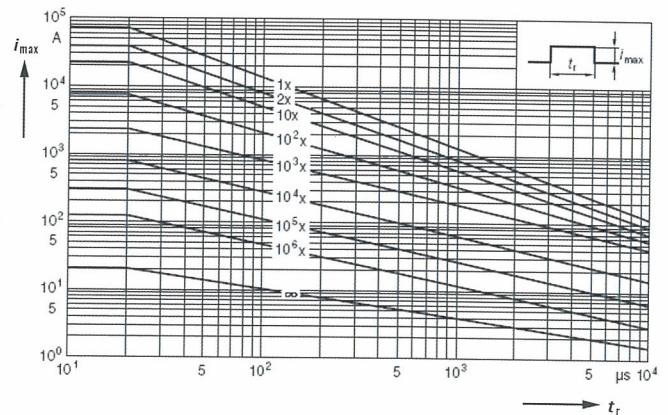
Pulse Rating Curves

脉冲寿命额定值曲线

MYL40-201□ ~ MYL40-252□



MYL53-201B ~ MYL53-162B



MYL PROTECTION FROM LIGHTNING SERIES

MYE HIGH DUTY SERIES

MYE高负荷型系列



FEATURES

特点说明

Steady State AC Voltage Range ($V_{M(AC)RMS}$)	稳压交流电压定值	130 V ~ 2800 V
High Peak Surge Current Rating (I_{TM}) 8/20 μ s Pulse	高峰值冲击电流值	20K A ~ 70K A
Single-Pulse Energy Range (W_{TM}) 2ms Square Wave	单次脉冲能量	180 J ~ 10000 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
Hi-Pot Encapsulation (Isolation Voltage Capability)	绝缘耐压容量	2500 V _{DC} ~ 5000 V _{DC}
Insulation Resistance	绝缘电阻	1000 M Ω
Maximum Voltage-Temperature Coefficient	最大电压温度系数	< 0.01% / °C
Response time	响应时间	< 25ns