

MYE HIGH DUTY SERIES

MYE高负荷型系列



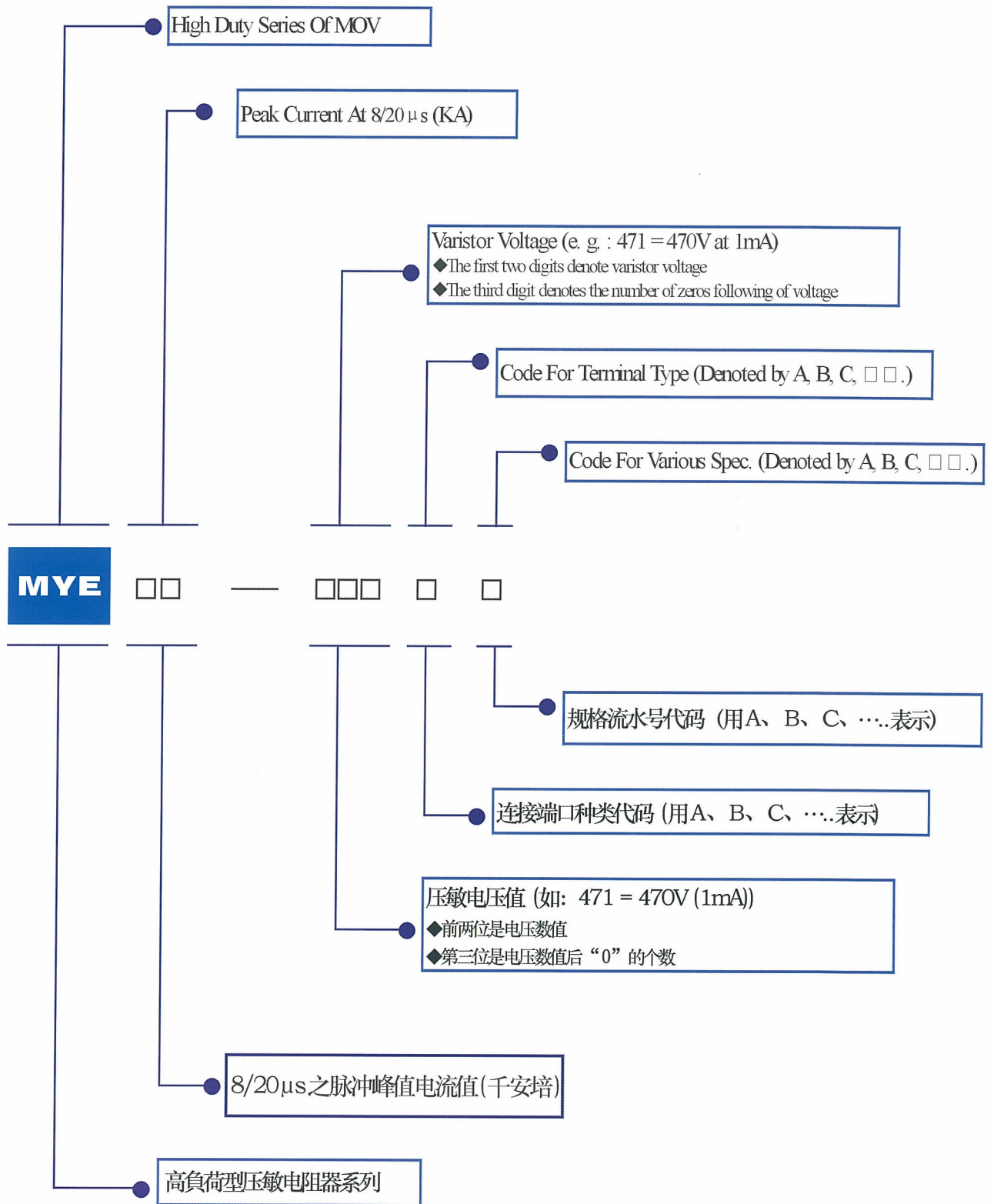
FEATURES

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

KVR ITEM NUMBERING SYSTEM

KVR 产品型号编码规则



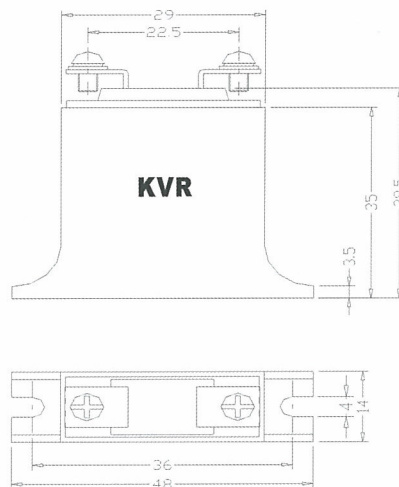
MYE HIGH DUTY SERIES

DIMENSIONS

外型尺寸

MYE20

Terminal A Type



ELECTRICAL CHARACTERISTICS 电性能参数

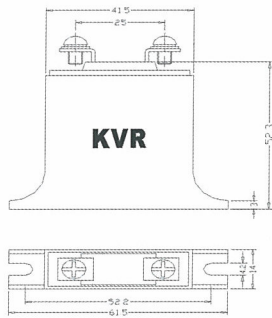
ITEM NO. 产品型号	SPECIFICATION (25°C) 规格					MAXIMUM RATING (85°C) 最大额定值				CERTIFICATION 安规认证			
	Varistor Voltage (1mA DC) 压敏电压			@Ip Clamping Voltage 在 Ip 下限制电压 (8/20μs)		Typical Capacitance 典型电容量 F=1KHz (pF)	Continuous Voltage 连续电压		Energy 能量 10/1000μs W _{TM} (J)	Peak Current 峰值电流 (8/20μs) I _{TM} (KA)	CE	VDE	UL
	Min (V)	V _{N(DC)} (V)	Max (V)	V _c (V)	I _p (A)		V _{RMS}	V _{DC}					
MYE20-201A	184	200	224	340	150	4300	130	175	180	20			
MYE20-221A	198	220	242	360		4100	140	180	190				
MYE20-241A	216	240	259	395		3700	150	200	200				
MYE20-271A	255	270	300	455		3200	180	230	250				
MYE20-331A	297	330	363	545		2700	210	270	270				
MYE20-361A	326	360	396	595		2500	230	300	290				
MYE20-391A	354	390	432	650		2300	250	330	330				
MYE20-431A	389	430	466	710		2100	275	360	340				
MYE20-471A	425	470	517	790		1900	300	390	350				
MYE20-511A	460	510	558	850		1800	320	420	360				
MYE20-561A	522	560	630	960		1500	360	470	370				
MYE20-621A	558	620	682	1025		1500	390	505	380				
MYE20-681A	612	680	748	1120		1400	420	560	390				
MYE20-751A	675	750	825	1240		1200	460	615	430				
MYE20-781A	702	780	858	1300		1200	480	640	440				
MYE20-821A	738	820	900	1350		1100	510	675	450				
MYE20-911A	819	910	933	1400		1000	550	700	480				
MYE20-951A	855	950	1000	1500		990	580	735	520				
MYE20-102A	900	1000	1100	1650		920	620	800	550				
MYE20-112A	990	1100	1200	1800		840	680	860	620				
MYE20-122A	1080	1200	1320	2000	750	750	970	670					

MYE 高负荷型系列

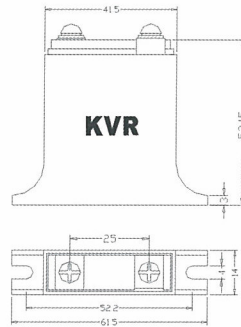
DIMENSIONS

外型尺寸

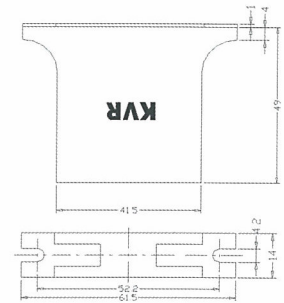
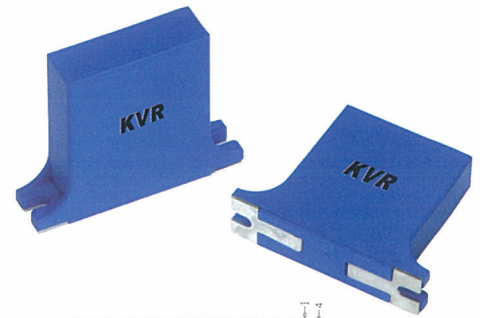
MYE30
Terminal A Type



MYE30
Terminal B Type



MYE30
Terminal C Type



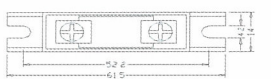
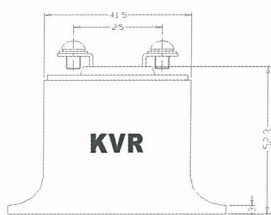
ELECTRICAL CHARACTERISTICS 电性能参数

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 _{NDC} (V)	Max (V)	V _c (V)	I _p (A)	V _{RMS}	V _{DC}						
MYE30-201□	184	200	224	340	200	4100	130	175	210	30	★		◆
MYE30-221□	198	220	242	360		3700	140	180	225		★		◆
MYE30-241□	216	240	259	395		3400	150	200	240		★		◆
MYE30-271□	255	270	300	455		2900	180	230	250		★		◆
MYE30-331□	297	330	363	550		2600	210	270	270		★		◆
MYE30-361□	326	360	396	595		2300	230	300	300		★		◆
MYE30-391□	354	390	429	650		2100	250	330	330		★		◆
MYE30-431□	389	430	466	710		2000	275	360	360		★		◆
MYE30-471□	425	470	517	790		1700	300	390	380		★		◆
MYE30-511□	462	510	552	840		1600	320	420	430		★		◆
MYE30-561□	522	560	625	950		1400	360	470	490		★		◆
MYE30-621□	558	620	674	1025		1300	390	505	550		★		◆
MYE30-681□	612	680	736	1120		1300	420	560	600		★		◆
MYE30-751□	675	750	815	1240		1100	460	615	520		★		◆
MYE30-781□	702	780	858	1300		1100	480	640	550		★		◆
MYE30-821□	738	820	900	1350		1000	510	675	580		★		◆
MYE30-911□	819	910	933	1400		950	550	700	620		★		◆
MYE30-951□	855	950	1000	1500		900	580	735	650		★		◆
MYE30-102□	900	1000	1080	1650		840	620	800	680		★		◆
MYE30-112□	990	1100	1180	1800		770	680	860	760		★		◆
MYE30-122□	1080	1200	1320	2000	690	750	970	800	★		◆		

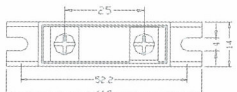
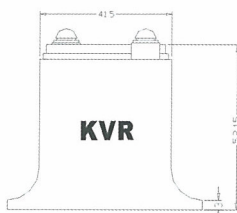
DIMENSIONS

外型尺寸

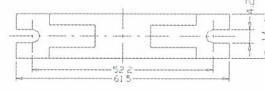
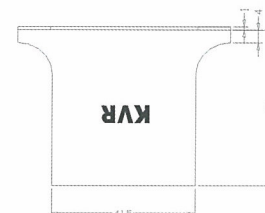
MYE40
Terminal A Type



MYE40
Terminal B Type



MYE40
Terminal C Type



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}	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}					
MYE40-201□	184	200	224	340	300	7900	130	175	310	40	★		◆
MYE40-221□	198	220	242	360		7200	140	180	330		★		◆
MYE40-241□	216	240	259	395		6600	150	200	360		★		◆
MYE40-271□	255	270	300	455		5600	180	230	390		★		◆
MYE40-331□	297	330	363	550		5000	210	270	430		★		◆
MYE40-361□	326	360	396	595		4400	230	300	460		★		◆
MYE40-391□	354	390	429	650		4100	250	330	490		★		◆
MYE40-431□	389	430	466	710		3800	275	360	550		★		◆
MYE40-471□	425	470	517	790		3400	300	390	600		★		◆
MYE40-511□	462	510	551	840		3200	320	420	640		★		◆
MYE40-561□	522	560	625	950		2900	360	470	710		★		◆
MYE40-621□	558	620	674	1025		2600	390	505	800		★		◆
MYE40-681□	612	680	736	1120		2400	420	560	910		★		◆
MYE40-751□	675	750	815	1240		2200	460	615	920		★		◆
MYE40-781□	702	780	858	1300		2100	480	640	930		★		◆
MYE40-821□	738	820	888	1350		2000	510	675	940		★		◆
MYE40-911□	819	910	933	1400		1800	550	700	960		★		◆
MYE40-951□	855	950	988	1500		1700	580	735	1000		★		◆
MYE40-102□	900	1000	1080	1650		1600	620	800	1040		★		◆
MYE40-112□	990	1100	1180	1800		1500	680	860	1100		★		◆
MYE40-122□	1080	1200	1310	2000	1300	750	970	1200	★		◆		

MYE 高负荷型系列

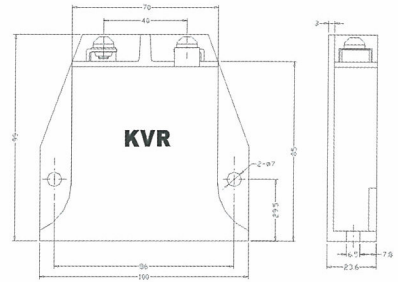
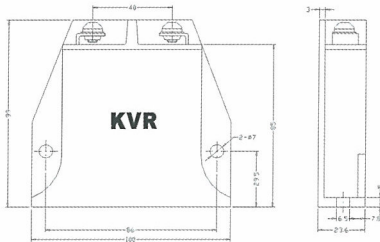
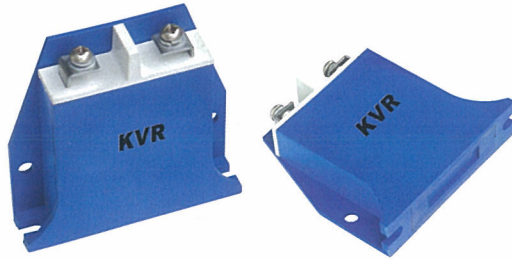
DIMENSIONS

外型尺寸

MYE70-201□ ~ MYE70-162□

Terminal D Type

Terminal E Type



ELECTRICAL CHARACTERISTICS 电性能参数

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	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)					
MYE70-201□	184	200	224	340	500	14000	130	175	490	70	CE	VDE	RU
MYE70-241□	216	240	259	395		11000	150	200	570				
MYE70-271□	255	270	300	455		10000	180	230	630				
MYE70-331□	297	330	363	550		8500	210	270	670				
MYE70-361□	326	360	396	595		7700	230	300	730				
MYE70-391□	354	390	429	650		7100	250	330	880				
MYE70-431□	389	430	466	710		6600	275	360	950				
MYE70-471□	425	470	517	790		5900	300	390	1000				
MYE70-511□	462	510	558	850		5700	320	420	1100				
MYE70-561□	522	560	625	950		5000	360	470	1150				
MYE70-621□	558	620	674	1025		4600	390	505	1200				
MYE70-681□	612	680	736	1120		4400	420	560	1500				
MYE70-751□	675	750	815	1240		3900	460	615	1550				
MYE70-781□	702	780	858	1300		3800	480	640	1600				
MYE70-821□	738	820	888	1350		3500	510	675	1800				
MYE70-911□	819	910	933	1400		3300	550	700	2000				
MYE70-951□	855	950	980	1500		3100	580	735	2100				
MYE70-102□	900	1000	1080	1650		2900	620	800	2200				
MYE70-112□	990	1100	1180	1800		2700	680	860	2500				
MYE70-122□	1080	1200	1320	2000		2400	750	970	2600				
MYE70-142□	1260	1400	1520	2290	2100	880	1150	3200					
MYE70-162□	1440	1600	1760	2700	1800	1000	1200	3200					

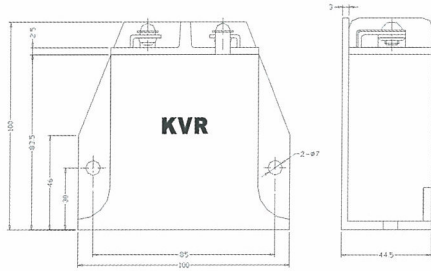
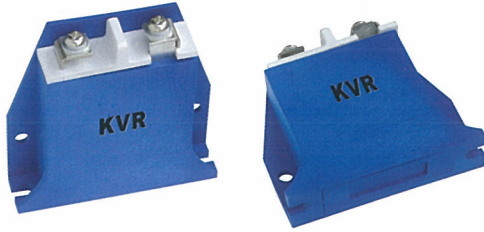
MYE HIGH DUTY SERIES

DIMENSIONS

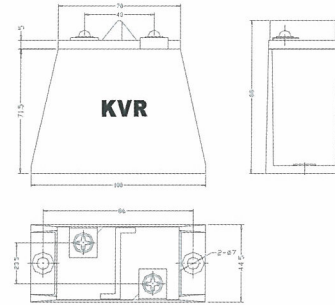
外型尺寸

MYE70-182□ ~ MYE70-472□




Terminal F Type



Terminal G Type



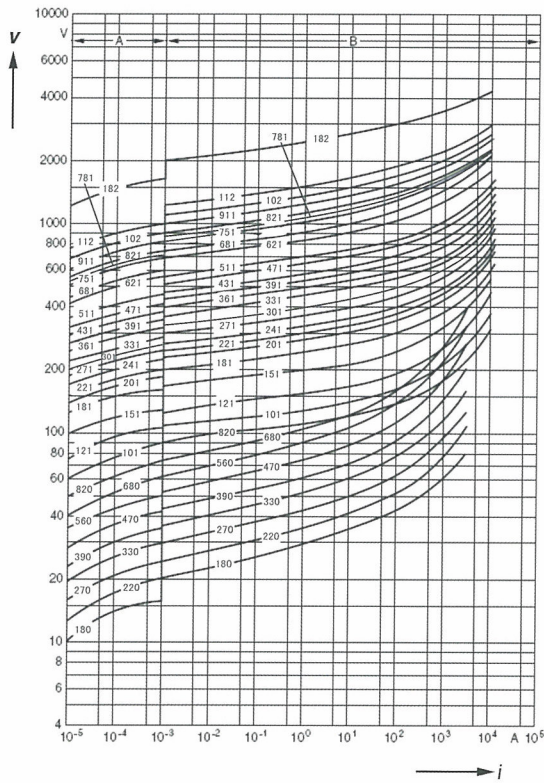
ELECTRICAL CHARACTERISTICS 电性能参数

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)			
	Min (V)	V _{N(DC)} (V)	Max (V)	V _c (V)	I _p (A)		V _{RMS} V _{M(AC)} (V)	V _{DC} V _{M(DC)} (V)					
MYE70-182□	1620	1800	1930	2940	500	2200	1100	1400	3800	70	  		
MYE70-222□	2020	2200	2550	3600		1800	1400	1750	5000				
MYE70-272□	2500	2700	3030	4300		1500	1700	2150	6000				
MYE70-332□	2970	3300	3630	5200		1200	2000	2500	7500				
MYE70-392□	3510	3900	4290	6200		1000	2400	3000	8600				
MYE70-472□	4230	4700	5170	7400		800	2800	3500	10000				

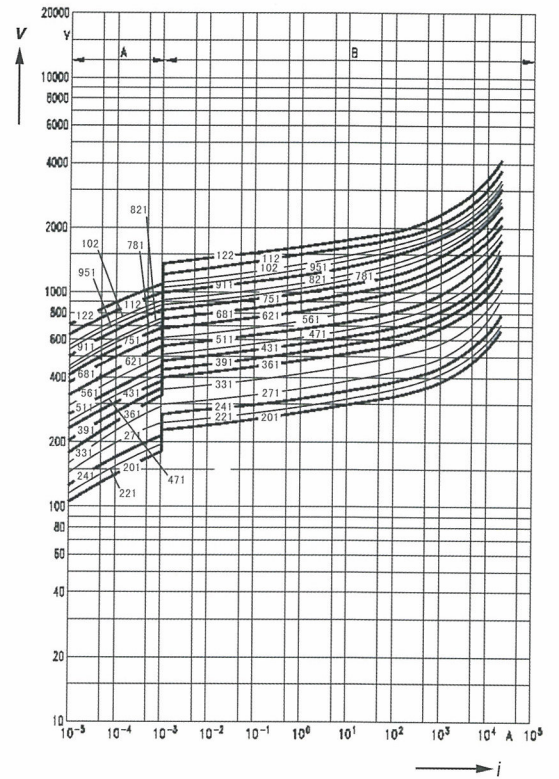
Transient V-I Characteristics Curves

瞬时伏安特性曲线

MYE20-201A ~ MYE20-122A



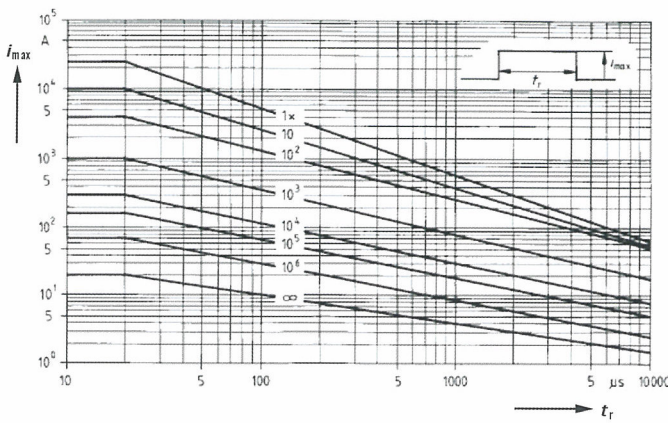
MYE30-201□ ~ MYE30-122□



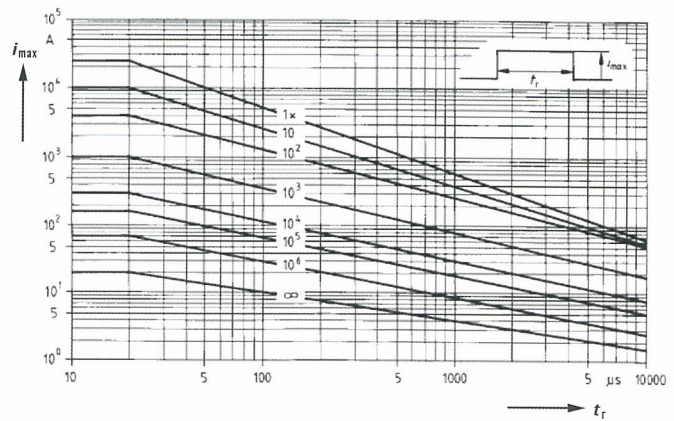
Pulse Rating Curves

脉冲寿命额定值曲线

MYE20-201A ~ MYL20-122A



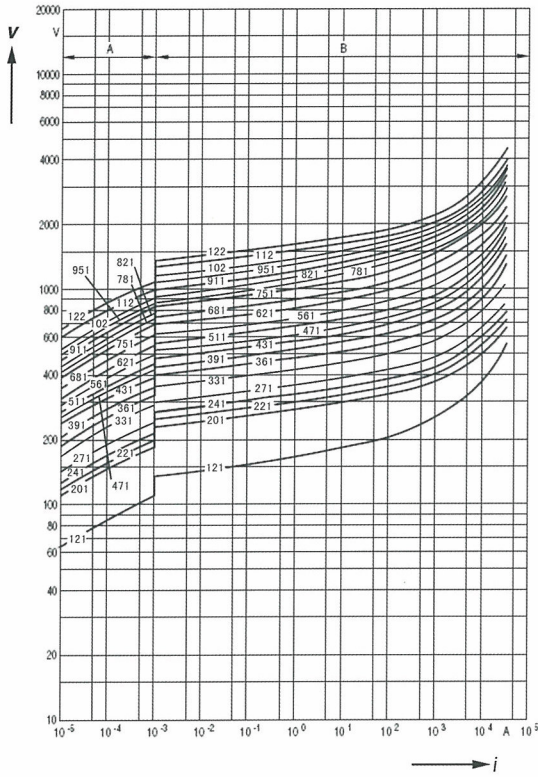
MYE30-201□ ~ MYL30-122□



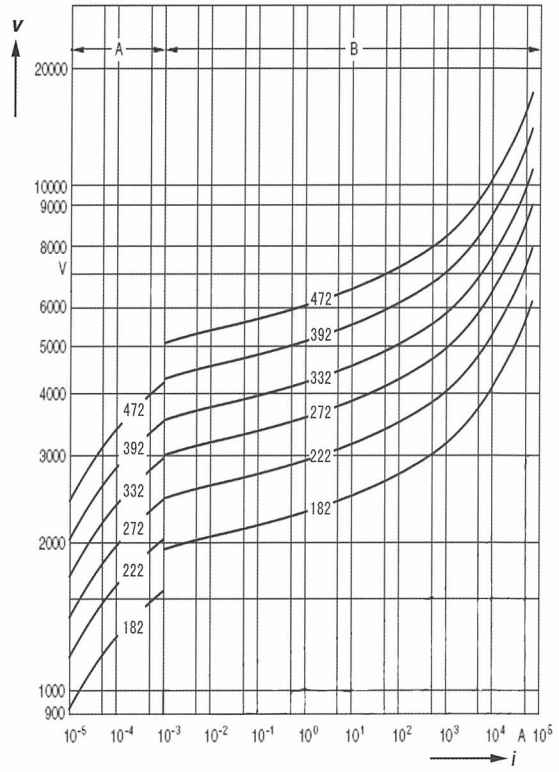
Transient V-I Characteristics Curves

瞬时伏安特性曲线

MYE40-201□ ~ MYE40-122□



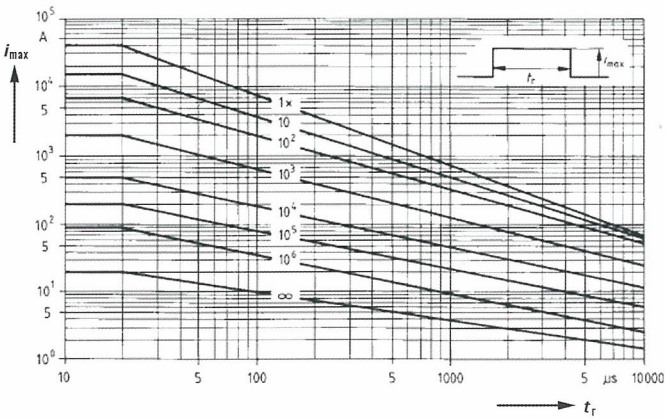
MYE70-182□ ~ MYE70-472□



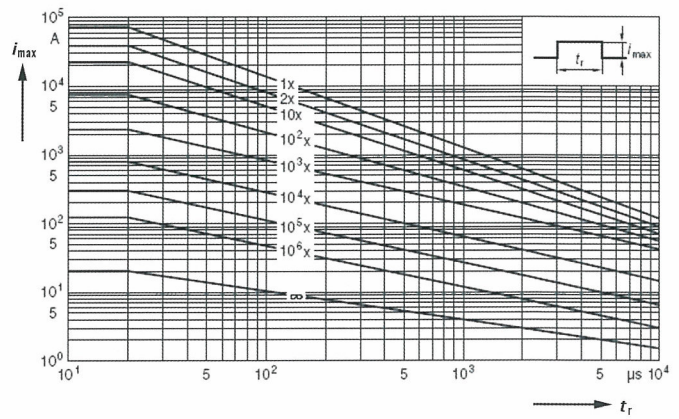
Pulse Rating Curves

脉冲寿命额定值曲线

MYE40-201□ ~ MYL40-122□



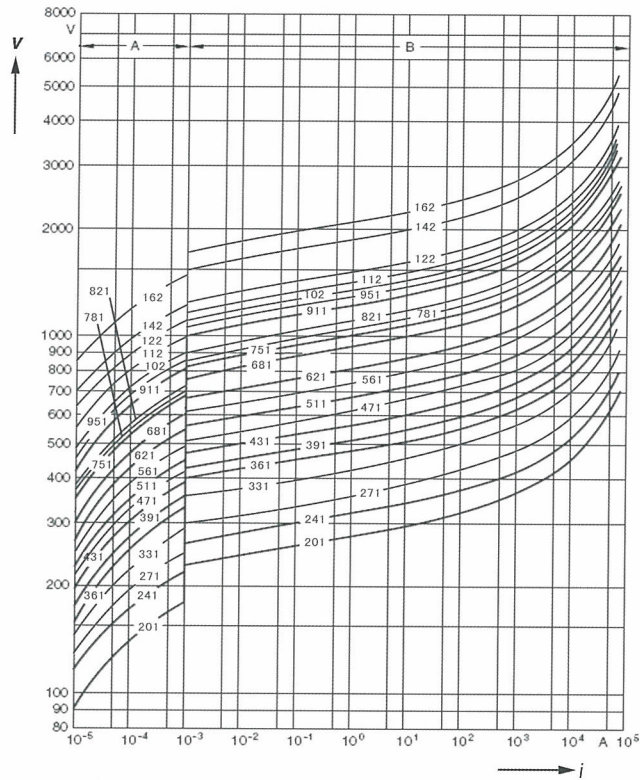
MYE70-201□ ~ MYL70-472□



Transient V-I Characteristics Curves

瞬时伏安特性曲线

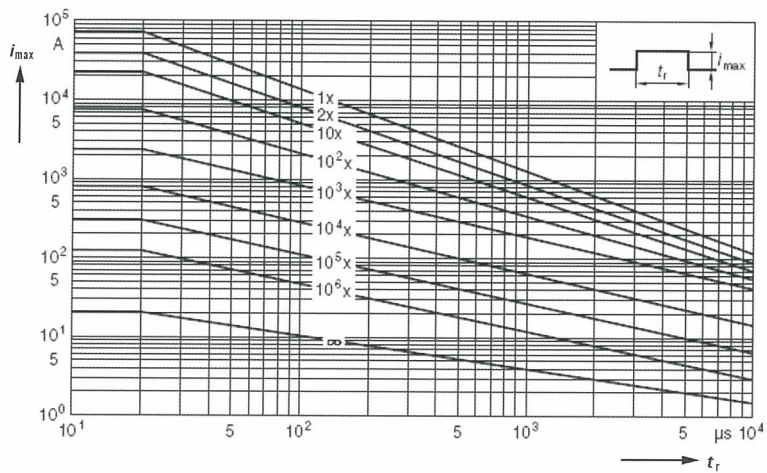
MYE70-201□ ~ MYE70-162□



Pulse Rating Curves

脉冲寿命额定值曲线

MYE70-201□ ~ MYL70-472□



MYE HIGH DUTY SERIES