



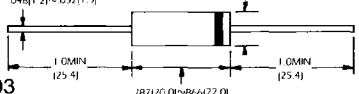
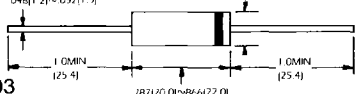
HIGH VOLTAGE RECTIFIER

200mA, 500mA HIGH VOLTAGE RECTIFIER

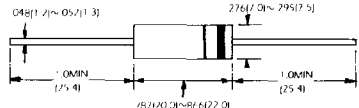
Operating Temperature -55°C TO +135°C

TYPE	INDUSTRY PART NO	PEAK INVERSE VOLTAGE	MAX. AVG. FWD. CURRENT	MAX. FWD SURGE CURRENT 1 CYCLE 60HZ	MAX. FWD. VOLTAGE @ TA 25°C @ RATED CURRENT	MAX. REVERSE CURRENT @ 25°C @ RATED PIV	OPERATING TEMPERATURE RANGE	OUTLINE INCHES (mm)
	IND. P/N	P _{IV} (V)	I _O (A)	I _{FSM} (A _{PK})	V _{FM} (V)	I _R (μA)	T _{OP} (°C)	
GP05-10	—	1000	0.5 A	30	2.0	5	-65 TO +150	 DO-41
GP05-15	—	1500						
GP05-18	—	1800						
GP05-20	—	2000						
GP02-25	—	2500	0.2A	30	3.0	5	-65 TO +150	 DO-15
GP02-30	—	3000						
GP02-35	—	3500						
GP02-40	—	4000						
GP02-50	—	5000						
GP02-60	—	6000						

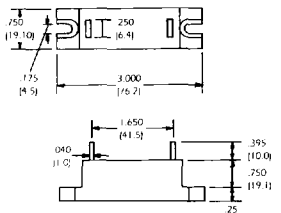
350mA HIGH VOLTAGE MICRO WAVE OVEN RECTIFIER

TYPE	INDUSTRY PART NO	PEAK INVERSE VOLTAGE	MAX. AVG. FWD. CURRENT	MAX. FWD SURGE CURRENT 1 CYCLE 60HZ	MAX. FWD. VOLTAGE @ TA 25°C @ RATED CURRENT	MAX. REVERSE CURRENT @ 25°C @ RATED PIV	OPERATING TEMPERATURE RANGE	OUTLINE INCHES (mm)
HV03-08	—	8000	350MA	20	12	5	-40 TO +130	 HV03
HV03-09	HVR-1x	9000						
HV03-10	—	10000						
HV03-12	SJC01-12	12000						
HV03-14	—	14000	15	15	15	5	-40 TO +130	 HV03
HV03-15	—	15000						

SHORT PROTECTOR DIODE FOR MICROWAVE OVEN

TYPE	INDUSTRY PART NO	PEAK INVERSE VOLTAGE	MAX. REVERSE CURRENT @ RATED PIV	REVERSE BREAKDOWN VOLTAGE @ IR 100μA	INTERNAL CONNECTION	OUTLINE INCHES (mm)
—	—	PIV (Kv)	I _R (μA)	V _Z (Kv)	—	 HV03
HV6X2PI	HVR062	D1 6KV D2 1.5KV	10 10	D1 7KV MIN. D2 2.1~2.8KV	D2 D1	

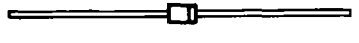

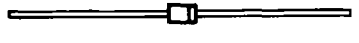
750mA HIGH VOLTAGE RECTIFIER ASSEMBLIES

TYPE	INDUSTRY PART NO	PEAK INVERSE VOLTAGE	MAX. AVG. RECT. CURRENT	MAX. FWD SURGE CURRENT 1 CYCLE 60HZ	MAX. FWD. VOLTAGE @ TA 25°C @ RATED CURRENT	MAX. REVERSE CURRENT @ 25°C @ RATED PIV	OPERATING TEMPERATURE RANGE	OUTLINE INCHES (mm)
	IND. P/N	P _{IV} (V)	I _O (A)	I _{FSM} (A _{PK})	V _{FM} (V)	I _R (μA)	T _{OP} (°C)	
HV07-08	HVP8	8000	750mA	50	14	5	-40 TO +135	 HV07
HV07-09	HVP9	9000						
HV07-10	HVP10	10000						
HV07-12	HVP12	12000						
HV07-14	HVP14	14000						
HV07-15	HVP15	15000						
HV07-16	HVP16	16000	16	16	16	5		

FAST RECOVERY HIGH VOLTAGE RECTIFIER

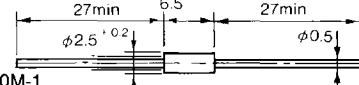
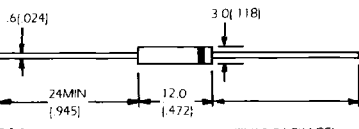
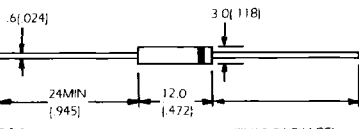
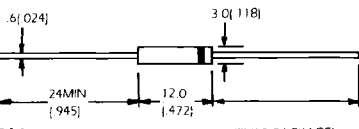
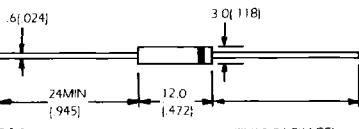
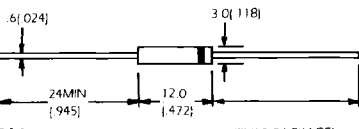
FAST RECOVERY HIGH VOLTAGE (PHOTO FLASH) RECTIFIER

Operating Temperature -55°C to +135°C

TYPE	INDUSTRY PART NO	PEAK INVERSE VOLTAGE	MAX. AVG. FWD. CURRENT	MAX. FWD SURGE CURRENT 1 CYCLE 60HZ	MAX. FWD. VOLTAGE @ TA 25°C @ RATED CURRENT	MAX. REVERSE CURRENT @ RATED PIV	REVERSE RECOVERY TIME I _F = 0.5A I _R = 1A, I _{RR} = 0.25A	PACKAGE
		P _{IV} (V)	I _O (A)	I _{FSM} (A _{PK})	V _{FM} (V)	I _R (μA)	T _{RR} (ns)	
FR05-10	R1000F	1000	0.5A	30	2.0	5	500	 DO-41
FR05-15	R1500F	1500						
FR05-18	R1800F	1800	0.2A	30	2.0	5	500	 DO-15
FR05-20	R2000F	2000						
FR02-25	R2500F	2500	0.2A	30	6.0	5	500	 DO-41
FR02-30	R3000F	3000						
FR02-35	R3500F	3500						
FR02-40	R4000F	4000						
FR02-45	R4500F	4500						
FR02-50	R5000F	5000						
FR02-60	R6000F	6000	6.0	6.0	6.0	6.0	6.0	

5mA HIGH VOLTAGE FAST RECOVERY RECTIFIER

Operating Temperature -55°C to +135°C

TYPE	IND. P/N	P _{IV} (V)	I _O (A)	I _{FSM} (A _{PK})	V _{FM} (V)	I _R (μA)	T _{RR} (ns)	PACKAGE
FV5M-04	—	4000	5mA	1.0	12V	5	0.1μS @ I _F 2mA	 FV10M-1
FV5M-05	—	5000						
FV5M-06	ESJA5806	6000	5mA	1.0	20V	5	0.1μS @ I _F 2mA	 FV10M (FV10 PACKAGE)
FV5M-08	ESJA53-08	8000						
FV5M-10	ESJA53-10	10000	5mA	1.0	30V	5	0.1μS @ I _F 2mA	 FV10M (FV10 PACKAGE)
FV5M-12	ESJA53-12	12000						
FV5M-14	ESJA53-14	14000	5mA	1.0	42.5V	5	0.1μS @ I _F 2mA	 FV10M (FV10 PACKAGE)
FV5M-16	ESJA53-16	16000						
FV5M-18	ESJA53-18	18000	5mA	1.0	55V	5	0.1μS @ I _F 2mA	 FV10M (FV10 PACKAGE)
FV5M-20	ESJA53-20	20000						
FV5M-22	ESJA53-22	22000	5mA	1.0	62.5V	5	0.1μS @ I _F 2mA	 FV10M (FV10 PACKAGE)
FV5M-24	ESJA53-24	24000						

10mA HIGH VOLTAGE FAST RECOVERY AIR CLEANER RECTIFIER

TYPE	IND. P/N	P _{IV} (V)	I _O (A)	I _{FSM} (A _{PK})	V _{FM} (V)	I _R (μA)	T _{RR} (ns)	PACKAGE
FH10M-12	—	12,000.	10mA	1.0	37.5V	@ 10mA	0.1μS @ I _F 2mA	VR18V
FH10M-16	—	16,000.	10mA	1.0	50.0V	@ 10mA	0.1μS @ I _F 2mA	VR24V

