

4. SWITCHING DIODES/RECTIFIERS

IN ORDER OF: (1) RECOVERY TIME (2) PIV
& (3) TYPE No.

LINE No.	TYPE No.	PIV	RECOVERY TIME							MIN. FORWARD CURRENT at 25°C	MAX. REVERSE CURRENT		TEMP T	TEST VOLT Vr	CAP. at ZERO VOLTS (F)	ABSOLUTE MAX. RATING		DESCRIPTION	DWG. No.
			TEST CONDITIONS								Ir @ 25°C & Vr (A)	Ir at T & Vr (A)				AVG. FWD I (A)	MAX. TEMP (°C)		
			trr (s)	If (A)	Vr (V)	Zr (Ω)	Ir (A)	RL (Ω)	C K T (A/us)										
1	HVRS80	8.0k	250n	10m			20m	100		10m	30	800n	80u	125	8.0k	2.0p	125A Si	A1uz	
2#	HX80EL	8.0k	250n	2.0m			2.0m			10m	15 Δ	100n	5.0u	100A	8.0k	500nZ	125A Si	A1xe	
3#	HX80EN	8.0k	250n	2.0m			2.0m			10m	25	100n	5.0u	100A			125A Si	A1xe	
4#	HX80KL	8.0k	250n	2.0m			2.0m			10m	15	100n	5.0u	100A	8.0k		125A Si	A1fe	
5#	HX80ML	8.0k	250n	2.0m			2.0m			10m	15 Δ	100n	5.0u	100A	8.0k	500nZ	125A Si	A1xd	
6#	HX80TN	8.0k	250n	2.0m			2.0m			10m	25 Δ	100n	5.0u	100A	8.0k	500nZ	125A Si	A1xf	
7	KX80	8.0k	250nZ	400m			800mS			1.5 t	11 Δ t	1.0u	25u	100	8.0k	1.5 t	150A Si	A344a	
8	MA80	8.0k	250nZ	12m			25mS			20m	12 Δ	100n	10u	100	1.0p	25mS	150A Si	A298ac	
9	MH8F	8.0k	250n	2.0m			4.0m			20m	18 Δ	2.0u	10u	90	8.0k	20m	150S Si	A1xu	
10	MX80	8.0k	250nZ	12m			25m			25m	12 Δ	100n	10u	100	8.0k	1.0pZ	150A Si	A1zv	
11	RHC5-8	8.0k	250n							5.0m	30 Δ	2.0u	100u	100	8.0k	5.0mS	150 Si	A1td	
12	RHC10-8	8.0k	250n							10m	30 Δ	2.0u	100u	100	8.0k	10mS	150 Si	A1td	
13	RHC25-8	8.0k	250n							25m	30 Δ	2.0u	100u	100	8.0k	25mS	150 Si	A1td	
14	SLF8	8.0k	250n	2.0m			4.0m			10m	15 Δ	1.0u	30u	85	8.0k	5.0m	150S Si	A344x	
15	SP8F	8.0k	250n	2.0m			4.0m			20m	12 Δ	1.0u	20u	85	8.0k	20m	150S Si	A267e	
16	SX80	8.0k	250nZ	100m			200mS			400m t	11 Δ t	1.0u	25u	100A	8.0k	400mS	150A Si	A344b	
17	XG8F	8.0k	250n	2.0m			4.0m			10m	18 Δ	200n	20u	100	8.0k	10m	150S Si	A83cp	
18	BR587-85	8.5k	250n	2.0m			4.0mS			25m	18 Δ	2.0u	100u	100	8.5k	25mS	SiΔ	A69r	
19	BR587-90	9.0k	250n	2.0m			4.0mS			25m	18 Δ	2.0u	100u	100	9.0k	25mS	SiΔ	A69r	
20	SP9F	9.0k	250n	2.0m			4.0m			20m	12 Δ	1.0u	20u	85	9.0k	20m	150S Si	A267e	
21	BR587-95	9.5k	250n	2.0m			4.0mS			25m	18 Δ	2.0u	100u	100	9.5k	25mS	SiΔ	A69r	
22	20MH10F	10k	250n	2.0m			4.0m			20m	18 Δ	1.0u	10u	90	10k	20m	150S Si	A1xw	
23	100MH10F	10k	250n	2.0m			4.0m			100m	18 Δ	1.0u	20u	90	10k	100m	150S Si	A1xw	
24	BR412-10-10	10k	250n	2.0m			4.0mS			10m	18 Δ	2.0u	100u	100	10k	10mS	Si	A344e	
25	BR412-10-25	10k	250n	2.0m			4.0mS			25m	18 Δ	2.0u	100u	100	10k	25mS	Si	A344e	
26	BR412-10-5	10k	250n	2.0m			4.0mS			5.0m	18 Δ	2.0u	100u	100	10k	5.0mS	Si	A344e	
27	BR587-100	10k	250n	2.0m			4.0mS			25m	23 Δ	2.0u	100u	100	10k	25mS	SiΔ	A69r	
28	BY187Z	10k	250nZ	2.0m			5.0u			100m	26 Δ	4.0u	75J	10k	2.5m	85J	Si	A1wj	
29	CG10F	10k	250n	2.0m			4.0m			100m	13 Δ	200n	40u	100	10k	100m	150S Si	A83cp	
30	CRS100	10k	250n	10m			20m	100		10m	30	500n		1.0k	2.0p	10m	125A Si	A1ux	
31	HA100Z	10k	250nZ	50m			100mS			100m	12 Δ	1.0u	20u	100A	10k	100mS	150A Si	A298ad	
32	HV110F	10k	250n	20m			40mS			10m	30	1.0u		10k		100m	A83cr		
33	HV210F	10k	250n	250m			500mS					1.0u		10k		250m	A83cv		
34	HVRS100	10k	250n	10m			20mS	100		10m	30	800n	80u	125	10k	2.0p	10m	125A Si	A1uz
35	HVX100	10k	250nZ	50m			100mS			100m	12	1.0u	20u	100	10k	100m	50	Si	A298b
36#	HX100EL	10k	250n	2.0m			2.0m			10m	15	100n	5.0u	100A	10k	20mS	125A Si	A1xe	
37#	HX100EN	10k	250n	2.0m			2.0m			10m	25	100n	5.0u	100A	10k	10mS	125A Si	A1xe	
38#	HX100EO	10k	250n	2.0m			2.0m			10m	30 Δ	100n	5.0u	100A	10k	500nZ	6.0mS	125A Si	A1xe
39#	HX100LO	10k	250n	2.0m			2.0m			10m	30	100n	5.0u	100A	10k	6.0mS	125A Si	A1me	
40#	HX100TN	10k	250n	2.0m			2.0m			10m	25	100n	5.0u	100A	10k	500nZ	10mS	125A Si	A1xf
41	KX100	10k	250nZ	400m			800mS			1.5 t	11 Δ t	1.0u	25u	100	10k	1.5 t	150A Si	A344a	
42	MA100	10k	250nZ	12m			25mS			20m	12 Δ	100n	10u	100	1.0p	25mS	150A Si	A298ac	
43	MH10F	10k	250n	2.0m			4.0m			20m	18 Δ	2.0u	10u	90	10k	20m	150S Si	A1xu	
44	MX100	10k	250nZ	12m			25m			25m	12 Δ	100n	10u	100	10k	1.0pZ	6.2mS	150A Si	A1zv
45	RHC5-10	10k	250n							5.0m	30 Δ	2.0u	100u	100	10k	5.0mS	150 Si	A1td	
46	RHC10-10	10k	250n							10m	30 Δ	2.0u	100u	100	10k	10mS	150 Si	A1td	
47	RHC25-10	10k	250n							25m	30 Δ	2.0u	100u	100	10k	25mS	150 Si	A1td	
48	SF10Z	10k	250n	2.0m			4.0m			20m	20 Δ	1.0u	20u	100	10k	10mS	125 SiΔ	A344uZ	
49	SHVM10F	10k	250nZ	.05			.10			100m	20 Δ	1.0u	25u	100	10k	350m	150S Si	S416	
50	SLF10	10k	250n	2.0m			4.0m			10m	15 Δ	1.0u	30u	85	10k	5.0m	150S Si	A344x	
51	SP10F	10k	250n	2.0m			4.0m			20m	12 Δ	1.0u	20u	85	10k	20m	150S Si	A267e	
52	SX100Z	10k	250nZ	100m			200mS			400m t	11 Δ t	1.0u	25u	100A	10k	400mS	150A Si	A344b	
53	VF5-10X	10k t	250nZ	2.0m			4.0m			5.0m	30	1.0u	60u	85A	10k	5.0m	85A SiΔ	A1ug	
54	VF10-10X	10k t	250nZ	2.0m			4.0m			10m	30	1.0u	60u	85A	10k	10m	85A SiΔ	A1ug	
55	VF25-10X	10k t	250nZ	2.0m			4.0m			25m	30	1.0u	60u	85A	10k	25m	85A SiΔ	A1ug	
56	VG10X	10k t	250nZ	2.0m			4.0m			10m	24 Δ	1.0u	60u	85A	10k	10m	85A SiΔ	A298j	
57	XG10F	10k	250n	2.0m			4.0m			10m	18 Δ	200n	20u	100	10k	10m	150S Si	A83cp	
58	BR587-110	11k	250n	2.0m			4.0mS			25m	23 Δ	2.0u	100u	100	11k	25mS	SiΔ	A69r	
59	SP11F	11k	250n	2.0m			4.0m			20m	12 Δ	1.0u	20u	85	11k	20m	150S Si	A267e	
60	BR412-12-10	12k	250n	2.0m			4.0mS			10m	18 Δ	2.0u	100u	100	12k	10mS	Si	A344e	
61	BR412-12-25	12k	250n	2.0m			4.0mS			25m	18 Δ	2.0u	100u	100	12k	25mS	Si	A344e	
62	BR412-12-5	12k	250n	2.0m			4.0mS			5.0m	18 Δ	2.0u	100u	100	12k	5.0mS	Si	A344e	
63	BR587-120	12k	250n	2.0m			4.0mS			25m	23 Δ	2.0u	100u	100	12k	25mS	SiΔ	A69r	
64	BY187-01	12k	250nZ	2.0m			5.0u			100m	26 Δ	4.0u	75J	12k	2.5m	85J	Si	A1wj	
65#	HS125EO	12k	250n	2.0m			2.0m			10m	25	100n	5.0u	80A	12k	5.0mS	125A Si	A1xe	
66#	HS125FO	12k	250n	2.0m			2.0m			10m	25	100n	5.0u	80A	12k	5.0mS	125A Si	F12av	
67#	HS1																		