

# DIODES & RECTIFIERS GENERAL PURPOSE

NTE Type No.	Material	Description and Application	Case Style	Diag. No.	Maximum Peak Reverse Voltage (Volts)	Maximum Average Forward Current (Amps)	Max Peak Surge Forward Current (Amps)	Maximum Forward Voltage Drop (Volts)	Reverse Recovery Time (ns)
					$V_{PRV}$	$I_F$	$I_{FSM}$	$V_F$	$t_{rr}$
6083	Si	Schottky Barrier	TO220	380	45	10	150	0.57 @ 10A*	—
6084	Si	Schottky Barrier	DO4	65	45	35	600	0.55 @ 35A*	—
6085	Si	Schottky, Dual	TO220	502a	45	15 Per Device 7.5 Per Diode	150	0.84 @ 15A	—
6087	Si	Schottky, Dual for High Freq Output in Low Vltg, High Current Switching Regulator Pwr Supplies	TO220	502a	45	30	150	0.82 @ 30A	—
6090	Si	Schottky, Dual for Output in Low Vltg, High Current Switching Pwr Supplies	TO3P/ TO218	59d/ 503	45	30	400	0.760 @ 30A	—
6094	Si	Schottky Barrier	DO5	64	45	60	800	0.6 @ 60A*	—
6200	Si	Dual Rectifier, Positive Center Tap	TO3 Cath/Case	396	200	30	300	1.2 @ 15A Per Element	—
6202	Si	Dual Rectifier, Positive Center Tap	TO3 Cath/Case	396	400	30	300	1.2 @ 15A Per Element	—
6204	Si	Dual Rectifier, Positive Center Tap	TO3 Cath/Case	396	600	30	300	1.2 @ 15A Per Element	—
6206	Si	Fast Recovery, Dual Rectifier Positive Center Tap	TO3 Cath/Case	396	200	30	200	1.4 @ 15A Per Element	200
6208	Si	Fast Recovery, Dual Rectifier Positive Center Tap	TO3 Cath/Case	396	400	30	200	1.4 @ 15A Per Element	200
6210	Si	Fast Recovery, Dual Rectifier Positive Center Tap	TO3 Cath/Case	396	600	30	200	1.4 @ 15A Per Element	200
6240	Si	Super Fast, Dual Center Tap	TO220	502a	200	20	150	0.95 @ 8A Per Element	35
6241	Si	Super Fast, Dual Center Tap	TO220	502a	600	16	100	1.5 @ 8A Per Element	50
6244	Si	Super Fast, Dual Center Tap	TO220	502b	200	20	150	0.95 @ 8A Per Element	35
6246	Si	Dual, Switch Mode	TO218	503	200	30	200	1.05 @ 15A	35
6247	Si	Super Fast, Dual Center Tap	TO218	503	600	30	150	1.5 @ 15A Per Element	60

\*\*Denotes Surface Mount Types; \* $T_C = 25^\circ C$

See Diagrams, beginning on Page 1-56

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