



## Silicon rectifier diodes. 5 Amps. to 60 Amps.

Type	Average Rectified Current		Peak Inverse Voltage	Repetitive Peak Forward Current	Surge Forward (1) Current	Max. Forward Voltage Drop at $T_A = 25^\circ\text{C}$		Max. Reverse Current at $T_A = 25^\circ\text{C}$
	$I_{F(AV)}$ at $T_C$		$V_{RRM}$	$I_{FRM}$	$I_{FSM}$	$V_F$ at $I_{F(AV)}$		$I_R$
	(A)	( $^\circ\text{C}$ )	(V)	(A)	(A)	(V)	(A)	( $\mu\text{A}$ )

**BY550 Series. 5 AMPS. Plastic Case: DO-201AD. Outline: 3**



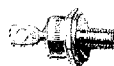
BY550-50	5.0	60	50	60	300	1.1	5.0	20
BY550-100	5.0	60	100	60	300	1.1	5.0	20
BY550-200	5.0	60	200	60	300	1.1	5.0	20
BY550-400	5.0	60	400	60	300	1.1	5.0	20
BY550-600	5.0	60	600	60	300	1.1	5.0	20
BY550-800	5.0	60	800	60	300	1.1	5.0	20
BY550-1000	5.0	60	1000	60	300	1.1	5.0	20

**1N1183/1N3765 Series. 35 AMPS. Metal Stud Case: DO-5. Outline: 4**



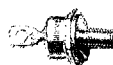
1N1183	35	140	50	100	500	1.70	110	10
1N1184	35	140	100	100	500	1.70	110	10
1N1185	35	140	150	100	500	1.70	110	10
1N1186	35	140	200	100	500	1.70	110	10
1N1187	35	140	300	100	500	1.70	110	10
1N1188	35	140	400	100	500	1.70	110	10
1N1189	35	140	500	100	500	1.70	110	10
1N1190	35	140	600	100	500	1.70	110	10
1N3765	35	140	700	100	500	1.70	110	10
1N3766	35	140	800	100	500	1.70	110	10
1N3767	35	140	900	100	500	1.70	110	10
1N3768	35	140	1000	100	500	1.70	110	10

**1N1183A Series. 40 AMPS. Metal Stud Case: DO-5. Outline: 4**



1N1183A	40	150	50	125	800	1.30	120	15
1N1184A	40	150	100	125	800	1.30	120	15
1N1185A	40	150	150	125	800	1.30	120	15
1N1186A	40	150	200	125	800	1.30	120	15
1N1187A	40	150	300	125	800	1.30	120	15
1N1188A	40	150	400	125	800	1.30	120	15
1N1189A	40	150	500	125	800	1.30	120	15
1N1190A	40	150	600	125	800	1.30	120	15

**1N2128A Series. 60 AMPS. Metal Stud Case: DO-5. Outline: 4**



1N2128A	60	140	50	150	900	1.30	150	15
1N2129A	60	140	100	150	900	1.30	150	15
1N2130A	60	140	150	150	900	1.30	150	15
1N2131A	60	140	200	150	900	1.30	150	15
1N2133A	60	140	300	150	900	1.30	150	15
1N2135A	60	140	400	150	900	1.30	150	15
1N2137A	60	140	500	150	900	1.30	150	15
1N2138A	60	140	600	150	900	1.30	150	15

Notes:

(1) Following any rated condition and with rated  $V_{RRM}$  reapplied

(2) Cathode to stud. For anode to stud, add "R" to basic part number (e.g. 1N1183R, 1N1183AR)