

## Fast recovery silicon diodes. 2 Amp. to 3 Amps.

The plastic material carries UL recognition 94V-O.

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

### BY290 Series. 2 AMP. Plastic Case: DO-201 AD. Outline: 3

BY296	2.0	50	100	10	70	1.3	2.0	10	250
BY297	2.0	50	200	10	70	1.3	2.0	10	250
BY298	2.0	50	400	10	70	1.3	2.0	10	250
BY299	2.0	50	800	10	70	1.3	2.0	10	250
BY299S	2.0	50	1000	10	70	1.3	2.0	10	250

### BY390 Series. 3 AMP. Plastic Case: DO-201 AD. Outline: 3

BY396	3.0	50	100	15	100	1.3	3.0	10	250
BY397	3.0	50	200	15	100	1.3	3.0	10	250
BY398	3.0	50	400	15	100	1.3	3.0	10	250
BY399	3.0	50	800	15	100	1.3	3.0	10	250
BY399S	3.0	50	1000	15	100	1.3	3.0	10	250

### MR850 Series. 3 AMP. Plastic Case: DO-201 AD. Outline: 3

MR850	3.0	90	50	15	100	1.25	3.0	10	150
MR851	3.0	90	100	15	100	1.25	3.0	10	150
MR852	3.0	90	200	15	100	1.25	3.0	10	150
MR854	3.0	90	400	15	100	1.25	3.0	10	150
MR856	3.0	90	600	15	100	1.25	3.0	10	150

Note:

(1) Reverse recovery test conditions:  $I_F = 0.5 \text{ A}$ ;  $I_R = 1 \text{ A}$  with  $I_{RR} = 0.25 \text{ A}$ .