

## Ic = 3.0 AMPS

DEVICE TYPE	PACKAGE	BV <sub>CEO</sub> VOLTS	BV <sub>CBO</sub> VOLTS	BV <sub>EBO</sub> VOLTS	P <sub>D</sub> @ 100°C WATTS	h <sub>FE</sub> @		I <sub>C</sub> AMPS	V <sub>CE</sub> VOLTS	V <sub>CE(sat)</sub> VOLTS	@ I <sub>C</sub> AMPS	I <sub>B</sub> AMPS	f <sub>T</sub> MHz	I <sub>CBO</sub> @ V <sub>CB</sub> μAMP	DATA SHEET PG. NO.
						Min.	Max.								
2N1647	TO-111	80	80	6.0	20.0	15 - 45	0.5	10.0	1.2	1.0	0.1	3.0	100	60	
2N1648	TO-111	80	120	6.0	20.0	15 - 45	0.5	10.0	1.2	1.0	0.1	3.0	100	60	
2N1649	TO-111	80	80	6.0	20.0	30 - 90	0.5	10.0	1.2	1.0	0.1	3.0	100	60	
2N1650	TO-111	80	120	6.0	20.0	30 - 90	0.5	10.0	1.2	1.0	0.1	2.0	100	60	
2N2101	TO-61	40	60	10.0	41.0	15 - 60	1.0	15.0	1.2	1.0	0.1		30	60	
2N2849	TO-5/S	80	100	5.0	6.7	100 - 300	1.0	1.0	0.4	1.0	0.02	30.0	0.1	80	
2N2849-1	TO-5	80	100	5.0	6.7	100 - 300	1.0	1.0	0.4	1.0	0.02	30.0	0.1	80	
2N2849-2	TO-59	80	100	5.0	30.0	100 - 300	1.0	1.0	0.4	1.0	0.02	30.0	0.1	80	
2N2850	TO-5/S	80	100	5.0	6.7	40 - 120	1.0	1.0	0.25	1.0	0.05	30.0	0.1	80	
2N2850-1	TO-5	80	100	5.0	6.7	40 - 120	1.0	1.0	0.25	1.0	0.05	30.0	0.1	80	
2N2850-2	TO-59	80	100	5.0	30.0	40 - 120	1.0	1.0	0.25	1.0	0.05	30.0	0.1	80	
2N2851	TO-5/S	80	100	5.0	6.7	40 - 120	1.0	1.0	0.4	1.0	0.5	30.0	0.1	80	
2N2851-1	TO-5	80	100	5.0	6.7	40 - 120	1.0	1.0	0.4	1.0	0.5	30.0	0.1	80	
2N2851-2	TO-59	80	100	5.0	30.0	40 - 120	1.0	1.0	0.4	1.0	0.5	30.0	0.1	80	
2N2852	TO-5/S	80	100	5.0	6.7	20 - 60	1.0	1.0	0.4	1.0	0.1	30.0	0.1	80	
2N2852-1	TO-5	80	100	5.0	6.7	20 - 60	1.0	1.0	0.4	1.0	0.1	30.0	0.1	80	
2N2852-2	TO-59	80	100	5.0	30.0	20 - 60	1.0	1.0	0.4	1.0	0.1	30.0	0.1	40	
2N2853	TO-5/S	40	60	5.0	6.7	40	1.0	1.0	1.5	5.0	0.5	30.0	0.1	40	
2N2853-1	TO-5	40	60	5.0	6.7	40	1.0	1.0	1.5	5.0	0.5	30.0	0.1	40	
2N2853-2	TO-59	40	60	5.0	30.0	40	1.0	1.0	1.5	5.0	0.5	30.0	0.1	40	
2N2854	TO-5/S	40	60	5.0	6.7	100 - 300	1.0	1.0	0.4	1.0	0.02	30.0	0.1	40	
2N2854-1	TO-5	40	60	5.0	6.7	100 - 300	1.0	1.0	0.4	1.0	0.02	30.0	0.1	40	
2N2854-2	TO-59	40	60	5.0	30.0	100 - 300	1.0	1.0	0.4	1.0	0.02	30.0	0.1	40	
2N2855	TO-5/S	40	60	5.0	6.7	40 - 120	1.0	1.0	0.4	1.0	0.05	30.0	0.1	40	
2N2855-1	TO-5	40	60	5.0	6.7	40 - 120	1.0	1.0	0.4	1.0	0.05	30.0	0.1	40	
2N2855-2	TO-59	40	60	5.0	30.0	40 - 120	1.0	1.0	0.4	1.0	0.05	30.0	0.1	40	
2N2856	TO-5/S	40	60	5.0	6.7	20 - 60	1.0	1.0	0.4	1.0	0.1	30.0	0.1	40	
2N2856-1	TO-5	40	60	5.0	6.7	20 - 60	1.0	1.0	0.4	1.0	0.1	30.0	0.1	40	
2N2856-2	TO-59	40	60	5.0	30.0	20 - 60	1.0	1.0	0.4	1.0	0.1	30.0	0.1	40	
2N2983	TO-5	80	155	8.0	15.0	20 - 60	1.0	5.0	0.6	1.0	0.1	30.0	10	150	
2N2984	TO-5	120	185	8.0	15.0	20 - 60	1.0	5.0	0.6	1.0	0.1	30.0	10	180	
2N2985	TO-5	80	155	8.0	15.0	40 - 120	1.0	5.0	0.6	1.0	0.1	30.0	10	150	
2N2986	TO-5	120	185	8.0	15.0	40 - 120	1.0	5.0	0.6	1.0	0.1	30.0	10	180	
2N3418	TO-5	60	85	8.0	15.0	20 - 60	1.0	2.0	0.25	1.0	0.1	40.0	0.5	80 4-23	
2N3419	TO-5	80	125	8.0	15.0	20 - 60	1.0	2.0	0.25	1.0	0.1	40.0	0.5	120 4-23	
2N3420	TO-5	60	85	8.0	15.0	40 - 120	1.0	2.0	0.25	1.0	0.1	40.0	0.5	80 4-23	
2N3421	TO-5	80	125	8.0	15.0	40 - 120	1.0	2.0	0.25	1.0	0.1	40.0	0.5	120 4-23	
2N3506	TO-39	40	60	5.0	2.6	40 - 200	1.5	2.0	1.0	1.5	0.15	60.0		4-25	
2N3507	TO-39	50	80	5.0	2.6	30 - 150	1.5	2.0	1.0	1.5	0.15	60.0		4-25	
2N3675	TO-5	55	90	7.0	5.0	12 - 60	1.0	1.0	0.8	1.0	0.1	1.0	5.0mA	90	
2N3676	TO-5	90	90	7.0	5.0	12 - 60	1.0	1.0	0.8	1.0	0.1	1.0	5.0mA	90	
2N3738	TO-66	225	250	6.0	10.0	40 - 200	0.1	1.0	25.0	0.25	0.025	10.0	100	250 4-27	
2N3766	TO-66	60	80	6.0	20.0*	20	1.0	10.0	1.0	0.5	0.05	10.0	0.1mA	80	
2N3767	TO-66	80	100	6.0	20.0*	20	1.0	10.0	1.0	0.5	0.05	10.0	0.1mA	100	
2N4075	TO-59/Iso	80	100	5.0	17.0	30 - 90	1.0	2.0	0.5	1.0	0.1	30.0	100	100	
2N4076	TO-59/Iso	80	100	5.0	17.0	50 - 150	1.0	2.0	0.5	1.0	0.1	30.0	100	100	
2N4231	TO-66	40	40	5.0	20.0	25 - 100	1.5	2.0	0.6	1.5	0.15	4.0	50	30	
2N4232	TO-66	60	60	5.0	20.0	25 - 100	1.5	2.0	0.6	1.5	0.15	4.0	50	40	
2N4233	TO-66	80	80	5.0	20.0	25 - 100	1.5	2.0	0.6	1.5	0.15	4.0	50	60	
2N4877	TO-5	60	70	5.0	5.7	20 - 100	2.0	1.0	1.0	0.4	0.4	30.0	100	70	
2N5074	TO-59/Iso	200	200	6.0	40.0	30 - 110	0.5	5.0	2.0	3.0	0.3	40.0	0.25	200 4-45	
2N5075	TO-59/Iso	200	200	6.0	40.0	90 - 250	0.5	5.0	2.0	3.0	0.3	40.0	0.25	200 4-47	
2N5076	TO-59/Iso	250	250	6.0	40.0	30 - 110	0.5	5.0	2.0	3.0	0.3	40.0	0.25	200 4-47	
2N5077	TO-59/Iso	250	250	6.0	40.0	90 - 250	0.5	5.0	2.0	3.0	0.3	40.0	0.25	200 4-47	
2N5202	TO-66	75	100	6.0	2.0	10 - 100	4.0	1.2	1.2	4.0	0.4	60.0	10.0mA	100	
2N5334	TO-39	60	60	8.0	3.4	30 - 150	1.0	2.0	0.7	2.0	0.2	40.0	5.0	60	
2N5335	TO-39	80	80	8.0	3.4	15	2.0	2.0	0.7	2.0	0.2	40.0	5.0	80	
2N5664	TO-66	200	250	6.0	30.0	40 - 120	1.0	5.0	0.4	3.0	0.3	20.0	1000	200 4-65	
2N5665	TO-66	300	400	6.0	30.0	25 - 75	1.0	5.0	0.4	3.0	0.6	20.0	1000	300 4-65	
2N5666	TO-5	200	250	6.0	15.0	40 - 120	1.0	5.0	0.4	3.0	0.3	20.0	1000	250 4-67	
2N5667	TO-5	300	400	6.0	15.0	25 - 75	1.0	5.0	0.4	3.0	0.6	20.0	1000	400 4-67	
XGS7001	TO-39	30	50	5.0	2.9	20	2.0	2.0	1.0	1.0	0.1	120.0	10	30 4-125	
XGS7002	TO-39	60	70	5.0	2.9	15	2.0	2.0	1.0	1.0	0.1	120.0	10	40V 4-125	

\*P<sub>D</sub> @ T<sub>C</sub> = 25°C Available in JAN and JANTX (V)

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NPN SWITCHING TRANSISTORS