

A P I ELECTRONICS INC

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## COLLECTOR CURRENT = 2 AMPS NPN TYPES - CONTINUED

Device No	Case	VCBO Volts	VCEO (sus) Volts	VEBO Volts	hFE		VCE	IC	VCE (sat)	VBE (sat)	@ IC	@ IB	θJC °C/W	Ft MHz
					Min	Max								
2N2991	TO-5 STUD	95	80	7	25	75	5	.2	3	1.4	.5	.05	25	80
2N2992	TO-5 STUD	155	100	7	25	75	5	.2	3	1.4	.4	.05	25	80
2N2993	TO-5 STUD	95	80	7	60	120	5	.2	3	1.4	.5	.05	25	80
2N2994	TO-5 STUD	155	100	7	60	120	5	.2	3	1.4	.5	.05	25	80
2N3665	TO-5	120	80	8	40	120	10	.2	1.2	1.8	.5	.05	25	80
2N3666	TO-5	120	80	8	100	300	10	.2	1.2	1.8	.5	.05	25	80
2N3766	TO-66	80	60	6	40	160	10	.5	2.5	1.5	1	.1	6	80
2N3767	TO-66	100	80	6	40	160	10	.5	2.5	1.5	1	.1	6	80
2N3917	TO-3	80	40	6	30	120	4	1	1.2	1.5	1	.1	6	80
2N3918	TO-3	80	40	6	100	300	4	1	1.2	1.5	1	.1	6	80
2N4000	TO-5	100	80	8	30	120	2	.5	.5	1.2	1	.1	25	80
2N4001	TO-5	120	100	8	40	120	2	.5	.5	1.2	1	.1	25	80
2N4237	TO-5	50	40	6	30	120	1	.25	.6	1.5	1	.1	25	80
2N4238	TO-5	80	60	6	30	120	1	.25	.6	1.5	1	.1	25	80
2N4239	TO-5	100	80	6	30	120	1	.25	.6	1.5	1	.1	25	80
2N4240	TO-5	500	300	6	30	150	10	1	1	1.8	.75	.075	5	10
2N4862	TO-46	140	120	8	50	150	2	.5	.2	1.2	.5	.05	25	80
2N4863	TO-5	140	120	8	50	150	2	.5	.2	1.2	.5	.05	25	80
2N4864	TO-66	140	120	8	50	150	2	.5	.2	1.2	.5	.05	6	80
2N4910	TO-66	40	40	5	20	100	1	.5	.6	1.3	1	.1	6	4
2N4911	TO-66	60	60	5	20	100	1	.5	.6	1.3	1	.1	6	4
2N4912	TO-66	80	80	5	20	100	1	.5	.6	1.3	1	.1	6	4
2N5050	TO-66	125	125	6	25	100	5	.75	1	1.2	.75	.1	3.7	10
2N5051	TO-66	150	150	6	25	100	5	.75	1	1.2	.75	.1	3.7	10
2N5052	TO-66	200	200	6	25	100	5	.75	1	1.2	.75	.1	3.7	10
2N5660*	TO-66	250	200	6	40	120	5	1	.4	1.2	1	.1	5	60
2N5661*	TO-66	400	300	6	25	75	5	1	.4	1.2	1	.1	4	60
2N5662*	TO-5	250	200	6	40	120	5	1	.4	1.2	1	.1	20	60
2N5663*	TO-5	400	300	6	25	75	5	1	.4	1.2	1	.1	20	60
2N5681	TO-5	100	100	4	40	150	2	.3	.6	1	.2	.02	25	80
2N5682	TO-5	120	120	4	40	150	2	.3	.60	1	.2	.02	25	80

## COLLECTOR CURRENT = 2 AMPS PNP TYPES

Device No	Case	VCBO Volts	VCEO (sus) Volts	VEBO Volts	hFE		VCE	IC	VCE (sat)	VBE (sat)	@ IC	@ IB	θJC °C/W	Ft MHz
					Min	Max								
2N3660	TO-5	40	30	5	25	100	10	.5	1.2	1.8	.5	.05	25	70
2N3661	TO-5	50	50	5	25	100	10	.5	1.2	1.8	.5	.05	25	70
2N3740	TO-66	60	60	7	30	100	1	.3	.6	1	1	.125	25	70
2N3741	TO-66	80	80	7	30	100	1	.3	.6	1	1	.125	25	70
2N3774	TO-5	40	40	8	20	60	2	.2	.2	1.2	.2	.02	25	70
2N3775	TO-5	60	60	8	20	60	2	.2	.2	1.2	.2	.02	25	70
2N3776	TO-5	80	80	8	20	60	2	.2	.2	1.2	.2	.02	25	70
2N3777	TO-5	100	100	8	20	60	2	.2	.2	1.2	.2	.02	25	70
2N3778	TO-5	40	40	8	10	40	2	.2	.2	1.2	.2	.04	25	70
2N3779	TO-5	60	60	8	10	40	2	.2	.2	1.2	.2	.04	25	70
2N3780	TO-5	80	80	8	10	40	2	.2	.2	1.2	.2	.04	25	70
2N3781	TO-5	100	100	8	10	40	2	.2	.2	1.2	.2	.04	25	70
2N3782	TO-5	40	40	8	10	40	3	1	.75	1.75	1	.2	25	70
2N4234	TO-5	40	40	7	30	150	1	.3	.6	1.5	1	.1	25	70
2N4235	TO-5	60	60	7	30	150	1	.3	.6	1.5	1	.1	25	70
2N4236	TO-5	80	80	7	30	150	1	.3	.6	1.5	1	.1	25	70
2N4387	TO-66	40	40	5	25	100	10	.5	3	4	1	.1	25	70
2N4388	TO-66	60	60	5	25	100	10	.5	3	4	1	.1	25	70
2N4898	TO-66	40	40	5	20	100	1	.5	1.3	1.3	1	.1	25	4
2N4899	TO-66	60	60	5	20	100	1	.5	1.3	1.3	1	.1	25	4
2N4900	TO-66	80	80	5	20	100	1	.5	1.3	1.3	1	.1	25	4
2N5344	TO-66	250	250	5	25	100	5	.5	3	1.5	1	.2	4.3	60
2N5345	TO-66	300	300	5	25	100	5	.5	3	1.5	1	.2	4.3	60
2N5679	TO-5	100	100	4	40	150	2	.3	.6	1	.2	.02	25	80
2N5680	TO-5	120	120	4	40	150	2	.3	.6	1	.2	.02	25	80
2N6211	TO-66	275	225	6	10	100	2	1	1.4	1.4	1	.125	5	20
2N6212	TO-66	350	300	6	10	100	3	1	1.6	1.4	1	.125	5	20
2N6213	TO-66	400	350	6	10	100	4	1	2	1.4	1	.125	5	20
2N6214	TO-66	450	400	6	10	100	5	1	2.5	1.4	1	.125	5	20
AP1030	TO-5	500	300	4	30	150	10	1	1	1.8	.75	.075	5	10
AP1031	TO-66	400	300	4	25	75	5	1	.4	1.2	1	.1	4	60
AP1032	TO-5	400	300	4	25	75	5	1	.4	1.2	1	.1	20	60
AP1060	TO-66	200	200	4	25	100	5	.75	1	1.2	.75	.1	3.7	10
AP1061	TO-66	250	200	4	40	120	5	1	.4	1.2	1	.1	5	60
AP1062	TO-5	250	200	4	40	120	5	1	.4	1.2	1	.1	20	60
AP1078	TO-66	150	150	4	25	100	5	.75	1	1.2	.75	.1	3.7	10

\* (JAN, JTX &amp; JTXV)

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