

PARAMETER TABLES

A P I ELECTRONICS INC

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COLLECTOR CURRENT = 1 AMP NPN TYPES

Device No	Case	VCBO Volts	VCEO (sus) Volts	VEBO Volts	hFE		VCE	IC	VCE (sat)	VBE (sat)	@ IC	@ IB	θ_{JC} °C/W	Ft MHz
					Min	Max								
2N1479	TO-5	60	40	12	20	60	4	.2	1.4	3.3	.2	.02	35	1.5
2N1480	TO-5	100	55	12	20	60	4	.2	1.4	3	.2	.02	35	1.5
2N1486	TO-8	100	55	12	35	100	4	.75	.75	2.5	.75	.04	7	1.25
2N1700	TO-5	60	40	6	20	80	4	.2	1	2	.1	.01	35	1.5
2N2102	TO-5	120	65	7	40	120	10	.15	.50	1.1	.15	.015	35	60

COLLECTOR CURRENT = 1 AMP PNP TYPES

Device No	Case	VCBO Volts	VCEO (sus) Volts	VEBO Volts	hFE		VCE	IC	VCE (sat)	VBE (sat)	@ IC	@ IB	θ_{JC} °C/W	Ft MHz
					Min	Max								
AP1125	TO-5	120	65	5	40	120	10	.15	.5	1.1	.15	.015	35	60
AP1127	TO-5	100	55	7	20	60	4	.2	1.4	3	.2	.02	35	60
AP1128	TO-8	100	55	7	35	100	4	.75	.75	2.5	.75	.04	7	60
AP1133	TO-5	60	40	7	20	60	4	.2	1.4	3.3	.2	.02	35	60
AP1134	TO-5	60	40	4	20	80	4	.2	1	2	.1	.01	35	60

COLLECTOR CURRENT = 1.5 AMPS NPN TYPES

Device No	Case	VCBO Volts	VCEO (sus) Volts	VEBO Volts	hFE		VCE	IC	VCE (sat)	VBE (sat)	@ IC	@ IB	θ_{JC} °C/W	Ft MHz
					Min	Max								
2N1481	TO-5	60	40	12	35	100	4	.2	1.4	3	.2	.02	35	1.5
2N1482	TO-5	100	55	12	35	100	4	.2	1.4	3	.2	.02	35	1.5
2N1483	TO-8	60	40	12	20	60	4	.75	2	3.5	.75	.075	7	1.25
2N1484	TO-8	100	55	12	20	60	4	.75	2	3.5	.75	.075	7	1.25
2N1485	TO-8	60	40	12	35	100	4	.75	.75	2.5	.75	.04	7	1.25

COLLECTOR CURRENT = 1.5 AMPS PNP TYPES

Device No	Case	VCBO Volts	VCEO (sus) Volts	VEBO Volts	hFE		VCE	IC	VCE (sat)	VBE (sat)	@ IC	@ IB	θ_{JC} °C/W	Ft MHz
					Min	Max								
AP1126	TO-5	100	55	7	35	100	4	.2	1.4	3	.2	.02	35	60
AP1129	TO-8	100	55	7	20	60	4	.75	2	3.5	.75	.075	7	60
AP1130	TO-5	60	40	7	35	100	4	.2	1.4	3	.2	.02	35	60
AP1131	TO-8	60	40	7	35	100	4	.75	.75	2.5	.75	.04	7	60
AP1132	TO-8	60	40	7	20	60	4	.75	2	3.5	.75	.075	7	60

COLLECTOR CURRENT = 2 AMPS NPN TYPES

Device No	Case	VCBO Volts	VCEO (sus) Volts	VEBO Volts	hFE		VCE	IC	VCE (sat)	VBE (sat)	@ IC	@ IB	θ_{JC} °C/W	Ft MHz
					Min	Max								
2N1252	TO-5	30	20	5	35	45	10	.2	1.5	1.3	.2	.02	25	80
2N1253	TO-5	30	20	5	45		10	.2	1.5	1.3	.2	.02	25	80
2N1506	TO-5	60	40	4	10	100	28	.1	1.5	1.5	.2	.05	25	80
2N1506A	TO-5	80	80	5	10	100	28	.1	.6	1.5	.2	.05	25	80
2N1714	TO-5	90	60	6	20	60	5	.2	2	1.6	.2	.02	25	80
2N1715	TO-5	150	100	6	20	60	5	.2	2	1.6	.2	.02	25	80
2N1716	TO-5	90	60	6	40	120	5	.2	2	1.6	.2	.02	25	80
2N1717	TO-5	150	100	6	40	120	5	.2	2	1.6	.2	.02	25	80
2N1718	TO-5	90	60	6	20	60	5	.2	2	1.6	.2	.02	25	80
2N1719	STUD TO-5	150	100	6	20	60	5	.2	2	1.6	.2	.02	25	80
2N1720	STUD TO-5	90	60	6	40	120	5	.2	2	1.6	.2	.02	25	80
2N1721	STUD TO-5	150	100	6	40	120	5	.2	2	1.6	.2	.02	25	80
2N1889	TO-5	100	60	7	40	120	10	.15	5	1.3	.1	.01	25	80
2N1890	TO-5	100	60	7	100	300	10	.15	5	1.3	.1	.01	25	80
2N1974	TO-5	100	60	7	35		10	.1	1.2	1.8	.1	.01	25	80
2N1975	TO-5	100	60	7	15		10	.1	1.2	1.8	.1	.01	25	80
2N2987	TO-5	95	80	7	25	75	5	.2	.8	1	.2	.02	25	80
2N2988	TO-5	155	100	7	25	75	5	.2	.8	1	.2	.02	25	80
2N2989	TO-5	95	80	7	60	120	5	.2	.8	1	.2	.02	25	80
2N2990	TO-5	155	100	7	60	120	5	.2	.8	1	.2	.02	25	80