

## COLLECTOR CURRENT = 70 AMPS NPN TYPES

Device No	Case	VCBO Volts	VCEO (sus) Volts	VEBO Volts	hFE		VCE	IC	VCE (sat)	VBE (sat)	@ IC	@ IB	$\theta_{JC}$ °C/W	Ft MHz
					Min	Max								
2N3149	TO-114	80	80	10	10		3	50	1.5	2.5	50	10	.5	.1
2N3150	TO-114	100	100	10	10		3	50	1.5	2.5	50	10	.5	.1
2N3151	TO-114	150	150	10	10		3	50	1.5	2.5	50	10	.5	.1
AP1068	TO-114	150	150	7	10		3	50	1.5	2.5	50	10	.5	4
AP1110	TO-114	100	100	7	10		3	50	1.5	2.5	50	10	.5	4
AP1123	TO-114	80	80	7	10		3	50	1.5	2.5	50	10	.5	4

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					Min	Max								
2N2819	TO-63	80	80	10	10	50	3	15	1.5	2.5	15	2.2	1	.6
2N5575	TO-3	70	50	8	10	40	3	40	1.5	2.5	40	4	.5	.6
2N5587	TO-114	120	120	6	10	30	2	80	2	2.5	80	8	.5	50
2N5588	TO-114	160	160	6	10	30	2	80	2	2.5	80	8	.5	50

## COLLECTOR CURRENT = 80 AMPS PNP TYPES

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					Min	Max								
AP1066	TO-114	160	160	4	10	30	2	80	2	2.5	80	8	.5	50
AP1092	TO-114	120	120	4	10	30	2	80	2	2.5	80	8	.5	50

## COLLECTOR CURRENT = 90 AMPS NPN TYPES

Device No	Case	VCBO Volts	VCEO (sus) Volts	VEBO Volts	hFE		VCE	IC	VCE (sat)	VBE (sat)	@ IC	@ IB	$\theta_{JC}$ °C/W	Ft MHz
					Min	Max								
2N4865	TO-114	100	80	8	10	40	5	70	2.5	2.5	70	7	.5	10
2N4866	TO-114	140	120	8	10	40	5	70	2.5	2.5	70	7	.5	10
2N5250	TO-114	120	100	10	10	40	5	70	2.5	2.5	70	7	.5	10
2N5251	TO-114	180	150	10	10	40	5	70	2.5	2.5	70	7	.5	10

## COLLECTOR CURRENT = 90 AMPS PNP TYPES

Device No	Case	VCBO Volts	VCEO (sus) Volts	VEBO Volts	hFE		VCE	IC	VCE (sat)	VBE (sat)	@ IC	@ IB	$\theta_{JC}$ °C/W	Ft MHz
					Min	Max								
AP1067	TO-114	180	150	7	10	40	5	70	2.5	2.5	70	7	.5	10
AP1091	TO-114	140	120	6	10	40	5	70	2.5	2.5	70	7	.5	10
AP1109	TO-114	120	100	7	10	40	5	70	2.5	2.5	70	7	.5	10
AP1122	TO-114	100	80	6	10	40	5	70	2.5	2.5	70	7	.5	10