

TO-18 Metal-Can Package Transistors (PNP)

Maximum Ratings							Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)																	
Type No.	V _{CB0} (V) Min	V _{CEO} (V) Min	V _{EBO} (V) Min	P _D (W) @ Tc=25°C	I _C (A)	I _{CM} (A)	I _{CB0} (μA) Max	V _{CE} @ (V)	I _{CES} (μA) Max	V _{CE} @ (V)	h _{FE} Min	β Max	I _C & (mA)	V _{CE} (V)	V _{CE(SAT)} (V) & Max	V _{BE(SAT)} (V) Max	I _C @ (mA)	C _{ob} (pF) Min	f _T (MHz) Min	β Typ	I _C (mA) Max	t _{on} (ns) Max	NF @ Freq (dB) (MHz) Max	
2N2696	25	25		0.36	0.5		0.025	10			20 30	300 130	2 50	1	0.25 1	1.1 2	50 300	20	100		50	170		
2N2894	12	12	4	0.36	0.2				0.08	6	30 40 25		10 30 100	0.3 0.5 1	0.15 0.2 0.5	0.78 0.85 1.7	10 30 100	6	400		30	90		
2N2906	60	40	5	0.4	0.6		0.02	50			20 40 35 25 20	500 120 150 10 1 0.1	10 10 10 10 10	10	0.4 1.6	1.3 2.6	150 500	8	200		50	100		
2N2906A	60	60	5	0.4	0.6		0.01	50			40 40 40 40 40	500 120 150 10 1 0.1	10 10 10 10 10	10	0.4 1.6	1.3 2.6	150 500	8	200		50	100		
2N2907	60	40	5	0.4	0.6		0.02	50			30 100 75 50 35	500 300 150 10 1 0.1	10 10 10 10 10	10	0.4 1.6	1.3 2.6	150 500	8	200		50	100		
2N2907A	60	60	5	0.4	0.6		0.01	50			50 100 100 100 75	500 300 150 10 1 0.1	10 10 10 10 10	10	0.4 1.6	1.3 2.6	150 500	8	200		50	100		
2N3250	50	40	5	0.36	0.2				* 0.02	40	40 45 50 15		0.1 1 10 50	1 1 1 1	0.25 0.5	0.6 1.2	0.9 50	10 50	6	250		10	6	
2N3250A	60	60	5	0.36		0.2			* 0.02	40	40 45 50 15		0.1 1 10 50	1 1 1 1	0.25 0.5	0.6 1.2	0.9 50	10 50	6	250		10	6	
2N3251	50	40	5	0.36		0.2			* 0.02	40	80 90 100 30		0.1 1 300 50	1 1 1 1	0.25 0.5	0.6 1.2	0.9 50	10 50	6	300		10	6	
2N3251A	60	60	5	0.36		0.2			* 0.02	40	90 100 30 80		1 10 50 0.1	1 1 1 1	0.25 0.5	0.6 1.2	0.9 50	10 50	6	300		10	6	
2N3496	80	80	4.5	0.4	0.1		0.1	50			35 40 40 40 35		0.1 1 10 50 100	10 10 10 10 10	0.3	0.6	0.9	10	7	200		20	1000	
2N3497	120	120	4.5	0.4	0.1		0.1	90			35 40 40 40		0.1 1 10 50	10 10 10 10	0.35	0.6	0.9	10	6	150		20	1000	
*2N869	25	18	5	0.36	0.2		0.01	15			20	120	10	5	1		1	10	9	100		10		
*2N995	20	15	4	0.36	0.2		0.005	15			35	140	20	1	0.2		0.95	10	10	100		10		
BC177	50	45	5	0.6	0.2				0.1	20	120	460	2	5	0.6 0.2		100 0.8	10	4	3.5	200	300	10	10 0.001

* NOTE: I_{CEX}