

TO-220 Power 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 _{CB0} (μA) Max	V _{CB} @ (V)	I _{CES} (μA) Max	V _{CE} @ (V)	h _{FE} Min	β Max	I _C & (A)	V _{CE} (V)	V _{CE(SAT)} (V) Max	V _{BE(SAT)} (V) Min	V _{BE(SAT)} (V) Max	I _C (A)	C _{ob} (pF) Max	Typ	f _i (MHz) Min	β Typ	I _C (mA) Max	
2SB858C	70	60	5	40	4	1	50			100 35	200	1 0.1	4 4	1			2				15		500
2SB858D	70	60	5	40	4	1	50			160 35	320	1 0.1	4 4	1			2				15		500
BD240	55	45	5	30	2			200	45	40 15		0.2 1	4 4	0.7			1				3		200
BD240A	70	60	5	30	2			200	60	40 15		0.2 1	4 4	0.7			1				3		200
BD240B	90	80	5	30	2			200	80	40 15		0.2 1	4 4	0.7			1				3		200
BD240C	115	100	5	30	2			200	100	40 15		0.2 1	4 4	0.7			1				3		200
BD242	## 55	45	5	40	3			200	45	25 10		1 3	4 4	1.2			3				3		500
BD242A	## 70	60	5	40	3			200	60	25 10		1 3	4 4	1.2			3				3		500
BD242B	## 90	80	5	40	3			200	80	25 10		1 3	4 4	1.2			3				3		500
BD242C	## 115	100	5	40	3			200	100	25 10		1 3	4 4	1.2			3				3		500
BD244	45	45	5	65	6			400	45	30 15		0.3 3	4 4	1.5			6				3		500
BD244A	60	60	5	65	6			400	60	30 15		0.3 3	4 4	1.5			6				3		500
BD244B	80	80	5	65	6			400	80	30 15		0.3 3	4 4	1.5			6				3		500
BD244C	100	100	5	65	6			400	100	30 15		0.3 3	4 4	1.5			6				3		500
BD950	60	60	5	40	5	50	60			40 20		0.5 2	4 4	1			2				3		500
BD952	80	80	5	40	5	50	80			40 20		0.5 2	4 4	1			2				3		500
BD954	100	100	5	40	5	50	100			40 20		0.5 2	4 4	1			2				3		500
BD956	120	120	5	40	5	50	120			40 20		0.5 2	4 4	1			2				3		500
MJE2955T	70	60	5	75	10	1000	70			20 5	100	4 10	4 4	1.1 8			4 10				2		500
TIP115	60	60	5	50	2	1000	30			1000 500		1 2	4 4	2.5			2						
TIP116	80	80	5	50	2	1000	40			1000 500		1 2	4 4	2.5			2						

NOTE : V_{CES}