

# TO-92 Plastic Package Transistors (PNP)

Maximum Ratings						Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)																
Type No.	V <sub>CBO</sub> (V)	V <sub>CEO</sub> (V)	V <sub>EB0</sub> (V)	P <sub>D</sub> (W)	I <sub>C</sub> (A)	I <sub>CBO</sub> (μA)	V <sub>CB</sub> (V)	I <sub>CES</sub> (μA)	V <sub>CE</sub> (V)	h <sub>FE</sub> @	I <sub>C</sub> & V <sub>CE</sub> (mA)	V <sub>CE(SAT)</sub> (V)	V <sub>BE(SAT)</sub> (V)	I <sub>C</sub> (mA)	C <sub>ob</sub> (pF)	f <sub>t</sub> (MHz)	t <sub>off</sub> (ns)	N <sub>F</sub> (dB)	Freq (MHz)	C <sub>in</sub> (pF)	CDIL Case Style	
	Min	Min	Min	@Tc=25°C	Max	Max	Max	Max	Min	Max	Max	Max	Min	Max	Typ	Max	Min	Typ	Max	Max	Max	
BC486L	45	45	4	0.625	1	0.1	30			40	10 2	0.5	1.2	500	9	150	50					TO-92-4
										60	150 2											
										15	1000 5											
BC488	60	60	4	0.625	1	0.1	40			40	10 2	0.5	1.2	500	9	150	50					TO-92-4
										60	400 2											
										15	1000 5											
BC488A	60	60	4	0.625	1	0.1	40			40	10 2	0.5	1.2	500	9	150	50					TO-92-4
										100	250 2											
										15	1000 5											
BC488B	60	60	4	0.625	1	0.1	40			40	10 2	0.5	1.2	500	9	150	50					TO-92-4
										160	400 2											
										15	1000 5											
BC488L	60	60	4	0.625	1	0.1	40			40	10 2	0.5	1.2	500	9	150	500					TO-92-4
										60	150 2											
										15	1000 5											
BC490	80	80	4	0.625	1	0.1	60			40	10 2	0.5	1.2	500	9	150	50					TO-92-4
										60	400 2											
										15	1000 5											
BC490A	80	80	4	0.625	1	0.1	60			40	10 2	0.5	1.2	500	9	150	50					TO-92-4
										100	250 2											
										15	1000 5											
BC490B	80	80	4	0.625	1	0.1	60			40	10 2	0.5	1.2	500	9	150	50					TO-92-4
										160	400 2											
										15	1000 5											
BC556	80	65	5	0.625	0.1			0.1	40	120	500 2 5	0.3		10	6	150	200	10	10	0.001		TO-92-4
												0.65		100								
BC556A	80	65	5	0.625	0.1			0.1	40	120	220 2 5	0.3		10	6	150	200	10	10	0.001		TO-92-4
												0.65		100								
BC556B	80	65	5	0.625	0.1			0.1	40	180	460 2 5	0.3		10	6	150	200	10	10	0.001		TO-92-4
												0.65		100								
BC557	50	45	5	0.5	0.1			0.1	20	120	800 2 5	0.3		10	6	150	200	10	10	0.001		TO-92-4
												0.65		100								
BC557A	50	45	5	0.5	0.1			0.1	20	120	220 2 5	0.3		10	6	150	200	10	10	0.001		TO-92-4
												0.65		100								
BC557B	50	45	5	0.5	0.1			0.1	20	180	400 2 5	0.3		10	6	150	200	10	10	0.001		TO-92-4
												0.65		100								
BC557C	50	45	5	0.5	0.1			0.1	20	420	800 2 5	0.3		10	6	150	200	10	10	0.001		TO-92-4
												0.65		100								
BC558	30	30	5	0.5	0.1			0.1	20	120	800 2 5	0.3		10	6	150	200	10	10	0.001		TO-92-4
												0.65		100								
BC558A	30	30	5	0.5	0.1			0.1	20	120	220 2 5	0.3		10	6	150	200	10	10	0.001		TO-92-4
												0.65		100								
BC558B	30	30	5	0.5	0.1			0.1	20	180	460 2 5	0.3		10	6	150	200	10	10	0.001		TO-92-4
												0.65		100								
BC558C	30	30	5	0.5	0.1			0.1	20	420	800 2 5	0.3		10	6	150	200	10	10	0.001		TO-92-4
												0.65		100								
BC559	30	30	5	0.5	0.1	0.15	30			125	800 2 5	0.3		10	6	150	200	10	4	0.001		TO-92-4
												0.65		100								