

# TO-92 Plastic Package Transistors (PNP)

Maximum Ratings						Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)																			
Type No.	V <sub>CSO</sub> (V) Min	V <sub>CEO</sub> (V) Min	V <sub>EB0</sub> (V) Min	P <sub>D</sub> (W) @Tc=25°C	I <sub>C</sub> (A)	I <sub>CS0</sub> (μA) Max	V <sub>CS</sub> (V) @ I <sub>C</sub>	I <sub>CS</sub> (μA) Max	V <sub>CE</sub> (V) @ I <sub>C</sub>	h <sub>FE</sub> @ I <sub>C</sub> & V <sub>CE</sub>	V <sub>CE(SAT)</sub> (V) Max	V <sub>BE(SAT)</sub> (V) Max	I <sub>C</sub> (mA) @ I <sub>C</sub>	C <sub>ob</sub> (pF) Typ	f <sub>t</sub> (MHz) Min	f <sub>t</sub> (MHz) Typ	f <sub>t</sub> (MHz) Max	t <sub>on</sub> (ns) Max	N <sub>F</sub> (dB) Max	Q @ Freq (MHz)	C <sub>in</sub> (pF) Max	CDIL Case Style			
BCX78-10	32	32	5	0.625	0.1			0.01	32	100	0.6	1	100	2.6	4.5	200	10	800	6	0.001		TO-92-4			
										380													630	2	5
										240													1000	10	1
										60													100	2	
BCX78-7	32	32	5	0.45	0.1			0.01	32	120	0.6	1	100	4.5					6	0.001		TO-92-4			
										80													220	2	5
										40													100	10	1
										20													100	0.01	5
BCX78-8	32	32	5	0.45	0.1			0.01	32	40	0.6	1	100	4.5					6	0.001		TO-92-4			
										180													310	2	5
										120													400	10	1
										45													100	1	
BCX78-9	32	32	5	0.45	0.1			0.01	32	75	0.6	1	100	4.5					6	0.001		TO-92-4			
										250													460	2	5
										180													630	10	1
										60													100	1	
BCX79	45	45	5	0.45	0.1			0.01	45	80	0.6	1	100	4.5					6	0.001		TO-92-4			
										40													1000	10	1
										120													630	2	5
										20													100	0.01	5
BCX79-10	45	45	5	0.625	0.1			0.01	45	100	0.6	1	100	2.6	4.5	200	10	800	6	0.001		TO-92-4			
										380													630	2	5
										240													1000	10	1
										60													100	2	
BCX79-7	45	45	5	0.45	0.1			0.01	45	120	0.6	1	100	4.5					6	0.001		TO-92-4			
										80													220	2	5
										40													100	10	1
										20													100	0.01	5
BCX79-8	45	45	5	0.45	0.1			0.01	45	120	0.6	1	100	4.5					6	0.001		TO-92-4			
										45													400	10	1
										40													100	0.01	5
										180													310	2	5
BCX79-9	45	45	5	0.45	0.1			0.01	45	160	0.6	1	100	4.5					6	0.001		TO-92-4			
										60													630	10	1
										75													100	0.01	5
										250													460	2	5
BF421	300	300	5	0.8	0.5	0.01	200			50		25	20										2.8	TO-92-1	
BF423	250	250	5	0.8	0.5	0.01	200			50		25	20											2.8	TO-92-1
BF491	200	200	6	0.625	0.5	0.1	160			25		1	10										1.6	TO-92	
BF492	250	250	6	0.625	0.5	0.1	200			40		1	10										1.6	TO-92	
BF493	300	300	6	0.625	0.5	0.1	200			25		1	10										1.6	TO-92	
BF493S	350	350	6	0.625	0.5	0.005	250			40		1	10										1.6	TO-92	
C100	& 60	50	5	0.5	1	0.05	40			50		280	150												TO-92-4
CC327	50	45	5	0.625	0.5	0.1	20			40			500												TO-92-1

& NOTE : V<sub>CER</sub>