

Bipolar Pro Electron Series (Continued)

Type No.	Case Style	V _{CE} ⁺ V _{BO} (V) Min	V _{CEO} (V) Min	V _{BE} (V) Min	I _{CE} ⁺ I _{BO} @ V _{CB} (mA) (V) Max	f _{HE} h _{FE} @ 1 kHz ⁺ Min Max	I _C (mA) Min Max	V _{CE} (V) Min Max	V _{CE(SAT)} (V) & V _{BE(ON)} (V) Min Max	I _C (mA) Min Max	C _{ob} (pF) Max	f _T (MHz) @ I _C (mA) Min Max	t _{off} (ns) Max	NF (dB) Max	Test Conditions	Process No.
BC559B	TO-92 (97)	25	20	5	100 20	240 500*	2 5	5	0.3 0.65	0.82* 0.6 0.75*	10 100			4	(Note 1)	68
BC559C	TO-92 (97)	25	20	5	100 20	450 900*	2 5	5	0.3 0.65	0.82* 0.6 0.75*	10 100			4	(Note 1)	68
BC560	TO-92 (97)	50	45	5	100 45	125 500*	2 5	5	0.3 0.65	0.82* 0.6 0.75*	10 100			3	(Note 1)	68
BC560B	TO-92 (97)	50	45	5	100 45	240 500*	2 5	5	0.3 0.65	0.82* 0.6 0.75*	10 100			3	(Note 1)	68
BC635	TO-92 (94)	45	45	5		25 40 250	5 2 5 2 500 2	2	0.5		500					38
BC636	TO-92 (94)	45	45	5	100 30	25 40 250	5 2 5 2 500 2	2	0.5		500					78
BC637	TO-92 (94)	60	60	5		25 40 250	5 2 5 2 500 2	2	0.5		500					38*
BC638	TO-92 (94)	60	60	5	100 30	25 40 250	5 2 5 2 500 2	2	0.5		500					78
BC639	TO-92 (94)	100	80	5		25 40 250	5 2 5 2 500 2	2	0.5		500					39
BC640	TO-92 (94)	100	80	5	100 30	25 40 250	5 2 5 2 500 2	2	0.5		500					79
BC807	TO-236 (49)	50*	45	5	100 20	100 600	100 1	1	0.7		500					67

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