PRO ELECTRON SERIES (Continued)

Type No.	Case Style	V_{CES}* V_{CBO} (V) Min	V_{CEO} (V) Min	V_{EBO} (V) Min	I_{CES}* I_{CBO} @ (nA) Max	V_{CB} (V)	H_{FE} h_{fe} 1 kHz* Min	Max	@ I_C (mA)	& V_{CE} (V)	$V_{CE(SAT)}$ (V) Max	& $V_{BE(SAT)}$ $V_{BE(ON)}$* (V) Min	Max	@ I_C (mA)	C_{ob} (pF) Max	f_T (MHz) Min	Max	@ I_C (mA)	t_{off} (ns) Max	NF (dB) Max	Test Conditions	Process No.
BCX59-10	TO-92 (97)		45	7			100		0.01	5	0.5		1.0	100		125		10	800		5	04
							380	630	2	5												
							240	1000	10	1												
							60		100	1												
BCX78	TO-92 (97)		32	5			120	630	2	5	0.6		1.0	100								71
							80	1000	10	1												
							40		100	1												
BCX78-7	TO-92 (97)		32	5			120	220	2	5	0.6		1.0	100								71
							80		10	1												
							40		100	1												
BCX78-8	TO-92 (97)		32	5			30		0.01	5	0.6		1.0	100								71
							180	310	2	5												
							120	400	10	1												
							45		100	1												
BCX78-9	TO-92 (97)		32	5			40		0.01	5	0.6		1.0	100								71
							250	460	2	5												
							160	630	10	1												
							60		100	1												
BCX78-10	TO-92 (97)		32	5			100		0.01	5	0.6		1.0	100								71
							380	630	2	5												
							240	1000	10	1												
							60		100	1												
BCX79	TO-92 (97)		45	5			80	1000	10	1	0.6		1.0	100								71
							40		100	1												
							120	630	2	5												
BCX79-7	TO-92 (97)		45	5			120	220	2	5	0.6		1.0	100								71
BCX79-8	TO-92 (97)		45	5			120	400	10	1	0.6		1.0	100								71
							45		100	1												
							30		0.01	5												
							180	310	2	5												
BCX79-9	TO-92 (97)		45	5			160	630	10	1	0.6		1.0	100								71
							60		100	1												
							40		0.01	5												
							250	460	2	5												

TEST CONDITIONS:

(1) I_C = 200 μA, V_{CE} = 5V, f = 1 kHz. **(2)** I_C = 100 mA, V_{CC} = 20V, $I_B{}^1 = I_B{}^2$ = 5 mA. **(3)** I_C = 200 μA, V_{CE} = 2V, f = 1 kHz. **(4)** I_C = 100 mA, V_{CC} = 10V, $I_B{}^1 = I_B{}^2$ = 10 mA. **(5)** I_C = 10 mA, V_{CC} = 3V, $I_B{}^1 = I_B{}^2$ = 1 mA. **(6)** I_C = 100 μA, V_{CE} = 5V, f = 1 kHz. **(7)** I_C = 1 mA, V_{CE} = 10V, f = 200 kHz. **(8)** I_C = 1 mA, V_{CE} = 5V, f = 1 kHz. **(9)** I_C = 150 mA, V_{CC} = 6V, $I_B{}^1 = I_B{}^2$ = 15 mA. **(10)** I_C = 10 μA, V_{CE} = 5V, f = WB.