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.
BCY59-10	TO-18		45	7	10†	45	40		100	1	0.35	0.6	0.85	10	6	125		10	800	6	4/1	04
							80	1000	10	1	0.7	0.75	1.2	100								
							350	700*	2	5		0.55	0.7*	2								
BCY70	TO-18	50	40	5	10	40	40		0.1	1	0.25	0.6	0.9	10	6	250		10	420	6	5/6	71
							45		1	1												
							50		10	1												
							15		50	1	0.5		1.2	50								
BCY71	TO-18	45	45	5	500	45	40		0.01	1	0.25	0.6	0.9	10	6	200		10		2	6	71
							80		0.1	1												
							90		1	1												
							100	600	10	1	0.5		1.2	50								
BCY71A	TO-18	45	45	5	500	45	40		0.01	1	0.25	0.6	0.9	10	6	300		10	420	2	6	71
							80		0.1	1												
							90		1	1												
							100	600	10	1	0.5		1.2	50								
BCY72	TO-18	25	25	5	500	20	40		1	1	0.25			10	6	200		10	420	6	5/6	71
							50		10	1	0.5		1.2	50								
BD135	TO-126	45	45	5	100	30	25		500	2	0.5		1.0*	500		50		50	420	6	5/6	37
							40	250	50	2												
BD135-6	TO-126	45	45	5	100	30	40	100	150	2	0.5			500		50		50				37
							25		500	2												
BD135-10	TO-126	45	45	5	100	30	63	160	150	2	0.5			500		50		50				37
							25		500	2												
BD135-16	TO-126	45	45	5	100	30	100	250	150	2	0.5			500		50		50				37
							25		500	2												
BD136	TO-126	45	45	5	100	30	40	250	150	2	0.5			500		50		50				77
							25		500	2												
BD136-6	TO-126	45	45	5	100	30	40	100	150	2	0.5			500		50		50				77
							25		500	2												
BD136-10	TO-126	45	45	5	100	30	63	160	150	2	0.5			500		50		50				77
							25		500	2												
BD136-16	TO-126	45	45	5	100	30	100	250	150	2	0.5			500		50		50				77
							25		500	2												
BD137	TO-126	60	60	5	100	30	40	160	150	2	0.5			500		50		50				38
							25		500	2												

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.