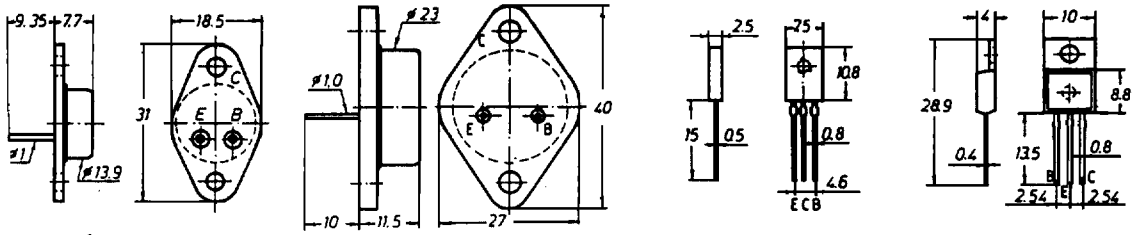
BANEASA S.A.

GENERAL PURPOSE



CASES: F-22 TO-3 TO-126 (SOT-32) TO-220

TYPE NPN	TYPE PNP	P_{tot} @ T_C=25°C (W)	V_{CBO} V_{CEX}* min. (V)	V_{CEO} min. (V)	I_C (A)	h_{FE} @ I_C & V_{CE} min.-max.		V_{CEsat} @ I_C & I_B max.			f_T (MHz)	CASE
							(A) (V)	(V)	(A)	(A)		
BD 135	BD136	12.5	45	45	1	33.5-300 (1)	0.15 2	0.6	0.5	0.05	50	TO-126
BD 137	BD 138	12.5	60	60	1	33.5-300 (1)	0.15 2	0.6	0.5	0.05	50	TO-126
BD 139	BD 140	12.5	80	80	1	33.5-300 (1)	0.15 2	0.6	0.5	0.05	50	TO-126
BD 142		117	50 *	45	15	12 - 60	4 4	1.1	4	0.4	0.8	TO-3
BD 181		117	55	45	15	20 - 70	3 4	1	4	0.4	0.8	TO-3
BD 182		117	70	60	15	20 - 70	4 4	1	4	0.4	0.8	TO-3
BD 183		117	85	80	15	20 - 70	3 4	1	3	0.3	0.8	TO-3
BD 233	BD 234	25	45	45	2	40 -375 (2)	0.15 2	0.6	1	0.1	3	TO-126
BD 235	BD 236	25	60	60	2	40 -375 (2)	0.15 2	0.6	1	0.1	3	TO-126
BD 237	BD 238	25	80	80	2	40 -375 (2)	0.15 2	0.6	1	0.1	3	TO-126
$ BD 239	$ BD 240	30	55	45	2	15 -	1 4	0.7	1	0.2	-	TO-220
$ BD 239A	$ BD 240A	30	70	60	2	15 -	1 4	0.7	1	0.2	-	TO-220
$ BD 239B	$ BD 240B	30	90	80	2	15 -	1 4	0.7	1	0.2	-	TO-220
$ BD 239C	$ BD 240C	30	115	100	2	15 -	1 4	0.7	1	0.2	-	TO-220
$ BD 241	$ BD 242	40	55	45	3	10 -	3 4	1.2	3	0.6	-	TO-220
$ BD 241A	$ BD 242A	40	70	60	3	10 -	3 4	1.2	3	0.6	-	TO-220
$ BD 241B	$ BD 242B	40	90	80	3	10 -	3 4	1.2	3	0.6	-	TO-220
$ BD 241C	$ BD 242C	40	115	100	3	10 -	3 4	1.2	3	0.6	-	TO-220
$ BD 243	$ BD 244	65	55	45	6	15 -	3 4	1.5	6	1	-	TO-220
$ BD 243A	$ BD 244A	65	70	60	6	15 -	3 4	1.5	6	1	-	TO-220
$ BD 243B	$ BD 244B	65	90	80	6	15 -	3 4	1.5	6	1	-	TO-220
$ BD 243C	$ BD 244C	65	115	100	6	15 -	3 4	1.5	6	1	-	TO-220
BD 433	BD 434	36	22	22	4	85 -375 (3)	0.5 1	0.5	2	0.2	3	TO-126
BD 435	BD 436	36	32	32	4	85 -375 (3)	0.5 1	0.5	2	0.2	3	TO-126
BD 437	BD 438	36	45	45	4	85 -375 (3)	0.5 1	0.6	2	0.2	3	TO-126
BD 439	BD 440	36	60	60	4	40 -375 (2)	0.5 1	0.8	2	0.2	3	TO-126
BD 441	BD 442	36	80	80	4	40 -375 (2)	0.5 1	0.8	2	0.2	3	TO-126
$ BD 533	$ BD 534	50	-	45	8	25 -	2 2	-	-	-	-	TO-220
$ BD 535	$ BD 536	50	-	60	8	25 -	2 2					TO-220
$ BD 537	$ BD 538	50	-	80	8	25 -	2 2					TO-220
$ BD 705	$ BD 706	90	-	45	12	15 -	4 4					TO-220
$ BD 707	$ BD 708	90	-	60	12	15 -	4 4					TO-220
$ BD 709	$ BD 710	90	-	80	12	15 -	4 4					TO-220
$ BD 711	$ BD 712	90	-	100	12	15 -	4 4					TO-220
$ BD 905	$ BD 906	90	-	45	15	15 -	5 4					TO-220
$ BD 907	$ BD 908	90	-	60	15	15 -	5 4					TO-220
$ BD 909	$ BD 910	90	-	80	15	15 -	5 4					TO-220
$ BD 911	$ BD 912	90	-	100	15	15 -	5 4					TO-220
BDY 29		220	100	75	30	15 - 60	15 2	1.2	15	1.5	0.8	TO-3
BDY 37		150	160	140	16	15 - 60	8 4	1.4	8	0.8	0.8	TO-3
BDY 71		29	90	55	4	80 -200	0.5 4	1	0.5	0.05	0.8	F-22
SDT 9201		117	55 *	45	15	20 - 70	4 4	1.1	4	0.4	0.8	TO-3
SDT 9202		117	100 *	80	15	20 - 70	4 4	1.1	4	0.4	0.8	TO-3
SDT 9203		117	120 *	100	15	20 - 70	4 4	1.1	4	0.4	0.8	TO-3
SDT 9204		117	140 *	120	15	20 - 70	4 4	1.1	4	0.4	0.8	TO-3
SDT 9205		117	55 *	45	15	15 - 70	4 4	1.1	4	0.4	0.8	TO-3
SDT 9206		117	80 *	60	15	15 - 70	4 4	1.1	4	0.4	0.8	TO-3
SDT 9207		117	100 *	80	15	15 - 70	4 4	1.1	4	0.4	0.8	TO-3
SDT 9208		117	120 *	100	15	15 - 70	4 4	1.1	4	0.4	0.8	TO-3
SDT 9209		117	140 *	120	15	15 - 70	2 4	1.1	4	0.4	0.8	TO-3
SDT 9210		117	40 *	30	15	15 -	2 2	1.1	2	0.2	0.8	TO-3
SDT 9301		87.5	40	40	10	15 -	1 4	1	1	0.1	0.8	TO-3

$ Preliminary data

Note: Different h_{FE} groups (by request, transistors pairs may be delivered):

(1): E: 33.5- 47.5 F: 42.5- 60 G: 53 - 75 H: 67 - 95 I: 85 -118 K: 196-150 L: 132-190 M: 170-236 N: 212-300

- 4: 33.5- 60 - 6: 42.5- 95 -10: 67 -150 -16: 106 -236 -25: 170 -300

(2): - 6: 40- 95 -10: 67-150 -16: 106-250 -25: 170-375

(3): -10: 85-150 -16: 106-250 -25: 170-375