

**POWER TRANSISTORS — BIPOLAR PLASTIC (continued)**

**TO-220AB Package (continued)**

I <sub>C</sub> Cont Amps Max	V <sub>CE0 (sus)</sub> Volts Min	Device Type		h <sub>FE</sub> Min/Max	@ I <sub>C</sub> Amp	Resistive Switching			f <sub>T</sub> MHz Min	P <sub>D</sub> (Case) Watts @ 25°C
		NPN	PNP			t <sub>s</sub> μs Max	t <sub>r</sub> μs Max	@ I <sub>C</sub> Amp		
4	45	D44C6	D45C6	20 min	1	.5	.075	.1	50	30
		2N6121	2N6124	20 min	1	.5	.050	.1	40	30
		BD533	BD534	25/100	1.5	0.4 typ	0.3 typ	1.5	2.5	40
				25 min	2				3	50
	60	BD535	BD536	25 min	2				3	50
		2N6122	2N6125	25/100	1.5	0.4 typ	0.3 typ	1.5	2.5	40
		D44C7		10 min	2	.5	.075	.1	50	30
			D45C7	10 min	2	.5	.050	.1	40	30
		D44C8		20 min	1	.5	.075	.1	50	30
			D45C8	20 min	2	.5	.050	.1	40	30
80	D44C9	D45C9	20 min	1	.5	.075	.1	50	30	
			20 min	1	.5	.050	.1	40	30	
	D44C10	D45C10	10 min	2	.5	.075	.1	50	30	
			10 min	2	.5	.050	.1	40	30	
	D44C11	D45C11	20 min	1	.5	.075	.1	50	30	
			20 min	2	.5	.050	.1	40	30	
	D44C12	D45C12	20 min	1	.5	.075	.1	50	30	
		BD538	BD538	20 min	1	.5	.050	.1	40	30
	BD537	BD537	15 min	2	.5			3	50	
	2N6123	2N6126	20/80	1.5	0.4 typ	0.3 typ	1.5	2.5	40	
300	MJE13004		6/30	3	3	0.7	3	4	60	
400	MJE13005		6/30	3	3	0.7	3	4	60	
5	60	TIP120	TIP125	1k min	3	1.5 typ	1.5 typ	3	4#	65
	80	TIP121	TIP126	1k min	3	1.5 typ	1.5 typ	3	4#	65
	100	TIP122	TIP127	1k min	3	1.5 typ	1.5 typ	4	4#	75
	350	2N6499		10/75	2.5	1.8	0.8	2.5	5	80
	450	MJE16002		5 min	5	3	0.3	3		80
		MJE16004		7 min	5	2.7	0.35	3		80
	700	MJE8502		7.5 min	1	4	2	2.5		80
800	MJE8503		7.5 min	1	4	2	2.5		80	
6	40	TIP41	TIP42	15/75	3	0.4 typ	0.15 typ	3	3	65
	45	BD243	BD244	15 min	3				3	65
	60	BD243A	BD244A	15 min	3				3	65
		TIP41A	TIP42A	15/75	3	0.4 typ	0.15 typ	3	3	65
	80	TIP41B	TIP42B	15/75	3	0.4 typ	0.15 typ	3	3	65
		BD243B	BD244B	15 min	3				3	65
	100	TIP41C	TIP42C	15/75	3	0.4 typ	0.15 typ	3	3	65
		BD243C	BD244C	15 min	3				3	65
	120	MJE5180	MJE5170	15/75	3				3	65
		TIP41D	TIP42D	15/75	3	0.4 typ	0.15 typ	3	3	65
140	TIP41E	TIP42E	15/75	3	0.4 typ	0.15 typ	3	3	65	
160	TIP41F	TIP42F	15/75	3	0.4 typ	0.15 typ	3	3	65	
400	BUV46				3	0.8	2.5		85	
7	30		2N6111	30/150	3	0.4 typ	0.15 typ	3	4	40
	45	BD795	BD796	25 min	3				3	65
	50		2N6109	30/150	2.5	0.4 typ	0.15 typ	3	4	40
	60	BD797	BD798	25 min	3				3	65
	70		2N6107	30/150	3	0.4 typ	0.15 typ	3	4	40
	80	BD799	BD800	15 min	3				3	65
	100	BD801	BD802	15 min	3				3	65
	150	BU407		30 min	1.5		0.75	5	10	60
	200	BU406		30 min	1.5		0.75	5	10	60
	375	BU522		250 min	2.5				7.5	75
	425	BU522A		250 min	2.5				7.5	75
	450	BU522B		250 min	2.5				7.5	75

\* t<sub>off</sub> # | h<sub>re</sub> | @ 1 MHz