

POWER TRANSISTORS — BIPOLAR PLASTIC (continued)

TO-220AB Package (continued)

I _C Cont Amps Max	V _{CEO (sus)} Volts Min	Device Type		h _{FE} Min/Max	@ I _C Amp	Resistive Switching			f _T MHz Min	P _D (Case) Watts @ 25°C
		NPN	PNP			t _s μs Max	t _f μs Max	@ I _C Amp		
8	40	2N6386		1k/20k	3				20#	65
	45	BDX53 BD895 BD895A	BDX54 BD896 BD896A	750 min	3					60
				750 min	3				70	
				750 min	4			70		
	60	BDX53A TIP130 BD897 BD897A 2N6043 TIP100	BDX54A TIP135 BD898 BD898A 2N6040 TIP105	750 min	3					60
				1k/15k	4				70	
				750 min	3			70		
				750 min	4			70		
				1k/10k	4	1.5 typ	1.5 typ	3	4#	75
	1k/20k	3	1.5 typ	1.5 typ	3	4#	80			
	80	2N6044 TIP101 BDX53B TIP131 BD899 BD899A	2N6041 TIP106 BDX54B TIP136 BD900 BD900A	1k/10k	4	1.5 typ	1.5 typ	3	4#	75
				1k/20k	3	1.5 typ	1.5 typ	3	4#	80
				750 min	3				60	
				1k/15k	4				70	
750 min				3				70		
750 min	4				70					
100	BDX53C TIP132 BD901 2N6045 TIP102	BDX54C TIP137 BD902 2N6042 TIP107	750 min	3					60	
			1k/15k	4				70		
			750 min	3				70		
			1k/10k	3	1.5 typ	1.5 typ	3	4#	75	
1k/20k	3	1.5 typ	1.5 typ	3	4#	80				
120	MJE15028 BDX53D	MJE15029 BDX54D	20 min	4				30	50	
			750 min	3				70		
150	MJE15030 BU807	MJE15031	20 min	4				30	50	
			100 min	5	0.55 typ	0.2 typ	5	60		
200	BU806		100 min	5	0.55 typ	0.2 typ	5		60	
300	MJE13006	MJE5850	5/30	5	3	0.7	5	4	80	
			15 min	2	2	0.5	4	80		
350		MJE5851	15 min	2	2	0.5	4		80	
400	MJE13007	MJE5852	5/30	5	3	0.7	5	4	80	
			15 min	2	2	0.5	4	80		
450	BUT56A		15/45	1		1.0	4	10	100	
10	30	D44H1 D44H2	D45H1 D45H2	20 min	4				50	
				40 min	4				50	
	40	D44E1	D45E1	1000 min	5	2.0 typ	0.5 typ	10		50
				20 min	4				50	
				40 min	4				50	
	750 min	4				3	70			
	15 min	4				1.5	90			
	60	BDX33A BD807 D44E2 D44H7 D44H8 MJE3055T 2N6387	BDX34A BD808 D45E2 D45H7 D45H8 D45H9 MJE2955T	750 min	4				3	70
				15 min	4				1.5	90
				1000 min	5	2.0 typ	0.5 typ	10		50
				20 min	4				50	
				40 min	4				50	
				40 min	4				50	
20/70				4				75		
1k/20k	5				20#	65				
80	D44E3 2N6388 D44H10 D44H11 BDX33B BD809	D45E3 D45H12 2N6668 D45H10 D45H11 BDX34B BD810	1000 min	5	2.0 typ	0.5 typ	10		50	
			40 min	4				50		
			1k/20k	5				65		
			20 min	4	0.5 typ	0.14 typ	5	20#	50	
			40 min	4	0.5 typ	0.14 typ	5	50 typ	50	
			750 min	3				3	70	
15 min	4				1.5	90				
100	BDX33C SE9302	BDX34C	750 min	3				3	70	
			1k min	4				1#	70	
120	BDX33D	BDX34D	750 min	3				3	70	

| h_{fe} | @ 1MHz

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