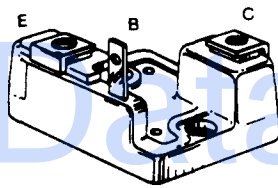


POWER TRANSISTORS — BIPOLAR PLASTIC (continued)

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	t _f	@ I _C		
						μs Max	μs Max	Amp		
12	90	BUV26				1	0.15	12		85
	120	BUV27				1.2	0.40	8		85
		BUS36			30 min	10	0.5 typ	0.12 typ	12	30
	150	BUS37			30 min	10	0.5 typ	0.12 typ	12	107
	300	MJE13008			6/30	8	3	0.7	8	4
400	MJE13009			6/30	8	3	0.7	8	4	100
15	30	D44VH1	D45VH1	20 min	4	0.7	0.09	8	50 typ	83
	40	2N6486	2N6489	20/150	5	0.6 typ	0.3 typ	5	5	75
	45	D44VH4	D45VH4	20 min	4	0.5	0.09	8	50 typ	83
		BDW39	BDW44	250 min	10				4	85
	60	BDW40	BDW45	250 min	10				4	85
		2N6487	2N6490	20/150	5	0.6 typ	0.3 typ	5	5	75
		D44VH7	D45VH7	20 min	4	0.5	0.09	8	50 typ	83
	80	2N6488	2N6491	20/150	5	0.6 typ	0.3 typ	5	5	75
D44VH10		D45VH10	20 min	4	0.5	0.09	8	50 typ	83	
	BDW41	BDW46	250 min	10				4	85	
100	BDW42	BDW47	250 min	10				4	85	
120	BDW43	BDW48	250 min	10				4	85	

| h_{fe} | @ 1 MHz



CASE 353-01
MEDIUM CURRENT PACKAGE

i _C Cont Amps Max	V _{CEO (sus)} Volts Min	Device Type		h _{FE} Min/Max	@ I _C Amps	t _s	t _f	@ I _C Amps	P _D (Case) Watts @ 25°C
		NPN	PNP			μs Max	μs Max		
37.5	850	MJ10041		25 min	25	10	5	25	250
		MJ10042		35 min	25	100	35	25	
75	450	MJ10044		50 min	50	3.8	1.3	50	250
		MJ10045		50 min	50	25	10	50	
100	250	MJ10047		75 min	100	4.0	1.0	100	250
		MJ10048		75 min	100	20	8	100	