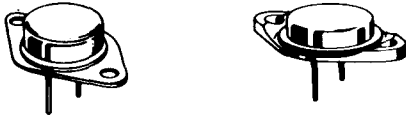


# POWER TRANSISTORS — BIPOLAR METAL

## TO-204AA (Formerly TO-3)



CASE 11-01, 11-3 — 40 mil pins  
 CASE 1-04, 1-05 — 40 mil pins  
 MODIFIED TO-3  
 CASE 197-01 — 60 mil pins

STYLE 1:  
 PIN 1. BASE  
 2. EMITTER  
 CASE. COLLECTOR

I <sub>C</sub> Cont Amps Max	V <sub>CE0 (su)</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		
2.5	700	MJ8500		7.5 min	0.5	4	2	1		125
	1300	BU204		2 min	2		0.75 typ	2	4 typ	36
	1500	BU205		2 min		2	0.75 typ	2	4 typ	36
5	40		2N4901	20/80	1				4	87.5
	60		2N4902	20/80	1				4	87.5
	80		2N4903	20/80	1				4	87.5
	200	MJ410		30/90	1				2.5	100
	300	MJ411		30/90	1				2.5	100
	450	MJ16002 MJ16004		5 min 7 min	5 5	3 2.7	0.3 0.35	3 3		125 125
	500	MJ16002A		5.0 min	5.0	3.0	0.3	3.0		125
	700 700	BU800 MJ8502		7.5 min	1	4	1 2	4.5 2.5		60 150
	800	MJ8503		7.5 min	1	4	2	2.5		150
	750/800	MJ16024/26								
	1300	BU207		2.25 min	4.5		0.6 typ	4.5	4 typ	60
	1500	BU208 BU208D MJ12004		2.25 min 2.25 min 2.5 min	4.5 4.5 4.5		0.6 typ 0.6 typ 1	4.5 4.5 4.5	4 typ 4 typ 4	60 60 100
6	250	MJ15011	MJ15012	20/100	2					200
	375	BU326		30 typ	.6	3.5	0.3 typ	2.5	6 typ	90
	400	BU326A		30 typ	.6	3.5	3 typ	2.5	6 typ	90
	700	BU500		3 min	4.5	1.2	1	4.5		75
7	700	BU208A		2.25 min	4.5	8 typ	4 typ	4.5	4 typ	20
7.5	60	2N3447		40/120	5	2	0.35	5	10	115
	80	2N3448		40/120	5	2	0.35	5	10	115