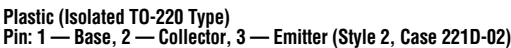


Bipolar Power Transistors



Plastic TO-3PBL
Pin: 1 — Base, 2 — Collector, 3 — Emitter, 4 — Collector (Style 2, Case 340G-01)

¹1Inel @ MHz. ²Darlington. ³Switching tests performed with special application simulator circuit. See data sheet for details.

Plastic TO-225 Type (Formerly TO-126 Type)

Pin: 1 — Emitter, 2 — Collector, 3 — Base (Style 1, Case 77-07 (TO-225AA))

Pin: 1 — Base, 2 — Collector, 3 — Emitter (Style 3, Case 77-07 (TO-225AA))

MJE3439	—	0.3	350	40/160	0.02	—	—	15.0	15.0
MJE3440	—	0.5	200	30/300	0.05	—	—	15.0	20.8
MJE3441	—	0.5	300	30/240	0.05	—	—	15.0	20.8
MJE3503 ^a	—	0.5	300	30/240	0.05	0.60 Tpy	0.300 Tpy	0.5	3.0
MJE2418	—	1.0	40	20/100	0.50	0.60 Tpy	0.300 Tpy	0.5	3.0
MJE2419	—	1.0	80	20/100	0.50	0.60 Tpy	0.300 Tpy	0.5	3.0
MJE2420	—	1.0	80	20/100	0.50	0.60 Tpy	0.300 Tpy	0.5	3.0
MJE2423	—	1.0	80	20/100	0.50	0.60 Tpy	0.300 Tpy	0.5	3.0
MJE181	MJE171	3.0	60	50/250	0.10	0.60 Tpy	0.120 Tpy	0.1	50.0
MJE182 ^b	MJE172 ^b	3.0	50	50/250	0.10	0.60 Tpy	0.120 Tpy	0.1	50.0
—	MJE371	4.0	40	40 Min.	1.00	—	—	—	40.0
N25191	N25194	4.0	60	25/100	1.50	0.40 Tpy	0.400 Tpy	0.5	2.0
MJE800 ^c	MJE700 ^c	4.0	60	750 Min.	1.50	—	—	—	1.0 ^d
N26038 ^c	N26035 ^c	4.0	60	750/18 K	2.00	1.70 Tpy	1.200 Tpy	2.0	25.0
N25192	N25195	4.0	80	25/100	1.50	0.40 Tpy	0.400 Tpy	1.5	2.0
MJE802 ^c	MJE702 ^c	4.0	80	750 Min.	1.50	—	—	—	1.0 ^d
MJE803 ^c	—	4.0	80	750 Min.	2.00	—	—	—	1.0 ^d
N26039 ^c	N26036 ^c	4.0	80	750/18 K	2.00	1.70 Tpy	1.200 Tpy	2.0	25.0
MJE243	MJE253	4.0	100	40/120	0.20	0.15 Tpy	0.070 Tpy	0.40	40.0
MJE200 ^d	MJE210 ^d	5.0	25	45/180	0.20	0.13 Tpy	0.035 Tpy	2.0	65.0

Pin: 1 — Base, 2 — Collector, 3 — Emitter, 4 — Collector (Style 1, Case 39A-107)

Metal TO-204 (Formerly TO-3), TO-204AE

Case 197A-03)

¹1HHz @ MHz. ²Darlington. ³Available as preferred chip. ⁴Case 77, (Style 3). ⁵When 2 voltages are given, the format is $V_{CE(sat)}/V_{CE}$. ⁶Case 369A-10 may be ordered tape and reeled by adding a "T4" suffix; 2500 units/reel. ⁷Case 197A-03 (TO-204AE).

¹1HHz @ MHz. ²Darlington. ³Available as preferred chip. ⁴Case 77, (Style 3). ⁵When 2 voltages are given, the format is $V_{CE(sat)}/V_{CE}$. ⁶Case 369A-10 may be ordered tape and reeled by adding a "T4" suffix; 2500 units/reel. ⁷Case 197A-03 (TO-204AE).

TIP140*	TIP145*	10	60	500 Min.	10.0	2.5 Typ.	2.50 Typ.	5.0	4.0*	125
TIP141*	TIP146*	10	80	500 Min.	10.0	2.5 Typ.	2.50 Typ.	5.0	4.0*	125
TIP142*		10	100	500 Min.	10.0	2.5 Typ.	2.50 Typ.	5.0	4.0*	125
TIP355*	TIP295*	15	60	5 Min.	10.0			2.5	8.0	80
MJ11022*	MJ11021*	15	200 K	400/15 K	10.0			3.0	150	150
MJ11022*	MJ11021*	15	250	400/15 K	10.0			3.0	150	150
BUV484		15	450	8 Min.	8.0	2.0	0.40	10.0		150
MJE4343		16	160	15 Min.	8.0	1.2 Typ.	0.30 Typ.	8.0	1.0	125
MJE6284*	MJE6287*	10	100	750/18 K	10.0		1.20 Typ.	10.0	1.0	125
TIP35E	TIP36C	20	100	10/75	15.0	0.6 Typ.	0.20 Typ.	8.0	3.0	125

¹1HeI @ MHz. ²Darlington. ³Switching tests performed with special application simulator circuit. See data sheet for details. ⁴Available as preferred chip. ⁵When 2 voltages are given, the format is $V_{CE0(SUS)}/V_{CES}$.

Pin: 1 — Base, 2 — Collector, 3 — Emitter, 4 — Collector (Case 340F-03)

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