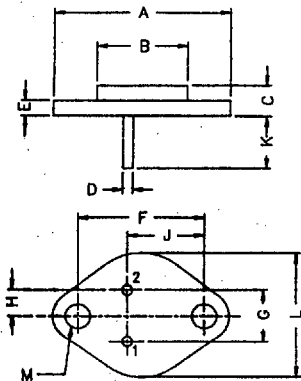


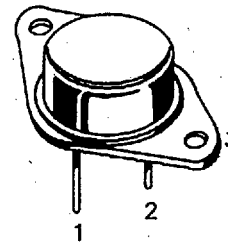
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TO-3



DIM	MIN	MAX
A	—	39,37
B	—	22,22
C	6,35	8,50
D	0,96	1,09
E	—	1,77
F	29,90	30,4
G	10,69	11,18
H	5,20	5,72
J	16,64	17,15
K	11,15	12,25
L	—	26,67
M	3,84	4,19

ALL DIMENSIONS ARE IN M.M.



PIN CONFIGURATION
 1. BASE
 2. EMITTER
 3. COLLECTOR

TO-3 Power Package Transistors (NPN)

Type No.	Maximum Ratings						Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)														
	V _{CB0} (V) Min	V _{CEO} (V) Min	V _{EBO} (V) Min	P _D (W) @Tc=25°C	I _C (A)	I _{CB0} (μA) Max	V _{CB} @ (V)	I _{CES} (μA) Max	V _{CE} @ (V)	h _{FE} @ Min	h _{FE} @ Max	I _C & V _{CE} (A) (V)	V _{CE(SAT)} (V) & Max	V _{BE(SAT)} (V) Min	V _{BE(SAT)} (V) Max	I _C @ (A)	C _{ob} (pF) Max	f _t (MHz) Min	f _t (MHz) Typ	f _t (MHz) Max	I _C (mA)
2N3055	100	60	7	117	15			*1000	100	20	70	4	4	1.1		4		2.5			500
2N3055HV	100	100	7	90	15			*1000	100	20	100	4	4	1.1		4		2.5			500
2N3773	160	140	7	150	16	2000	140			15	60	8	4	1.4		8					
2N4347	140	120	7	100	5			*2000	125	15	60	2	4	1		2					500
2N6253	50	45	7	115	15			*2000	55	20	70	3	4	1.0		3					
2N6257	50	40	5	150	20	4000	50			15	75	8	4	1.5		8	200				1000
2N6371	50	40	7	117	15					15	60	8	4	1.5		8	800				1000
2N6371HV	100	100	5	90	15			*2000	45	15	60	8	4	1.5		8	330	2.5			500
BDY20	60	60	7	120	15					20	70	4	4	3		15		1			1000
BDY38	50	40	7	115	6	1000	50	1000	50	30		2	4	0.7		2		1			
BDY55	100	60	7	117	15			\$5000	100	30		0.2	4	1.1		4		10			1000
BDY73	60	60	7	115	15					20	70	4	4	2.5		10					
BU109	330	150	6	60	7			5000	330	100				1		1.2	5	10			500

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TO-3 Power Package Transistors (NPN)

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Type No.	Maximum Ratings								Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)										
	V _{CB0} (V)	V _{CEO} (V)	V _{EBO} (V)	P _D (W)	I _C (A)	I _{CB0} (μA)	V _{CB} @ (V)	I _{CES} (μA)	V _{CE} @ (V)	h _{FE}	@	I _C & V _{CE} (A) (V)	V _{CE(SAT)} (V) &	V _{BE(SAT)} (V)	I _C @ (A)	C _{cb} (pF)	f _t (MHz)	@	I _C (mA)
	Min	Min	Min	@Tc=25°C		Max		Max	Max	Min	Max		Max	Min	Max	Max	Min	Typ	Max
BU326	# 800	375	10	75	6			1000	800	**	25	1 5	1.5 3	1.4 1.6	2.5 4		6		200
BU326A	# 900	400	10	75	6			1000	900	**	25	1 5	1.5 3	1.4 1.6	2.5 4		6		200
BU608	400	200	6	90	7	100	330	\$5000	400				1.0	1.5	6		10		500
CDN055	50	50	5	50	5	200	50			25	100	2 2	1		2				
CSC1454	300	300	6	50	4	1000	300			20		1 5	1.5 3	1.4 1.6	2.5 4				
CSD200	1500	700	5	10	2.5	1000	1500	1000	1500	2.5		2 5	5	1.5	2				
CSD1168	1500	400	6	50	5			1000	1500	9	25	1 4	1	1.5	2				
CSD1168P	1500	800	5	50	5			1000	1500	9	18	1 4	1	1.5	2				
CSD1168Q	1500	800	5	50	5			1000	1500	15	25	1 4	1	1.5	2				

#NOTE: V_{CEs}

** : Typical Value

\$: I_{CEV}

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TO-3 Power Package Transistors (PNP)

Type No.	Maximum Ratings									Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)											
	V _{CB0} (V) Min	V _{CE0} (V) Min	V _{EBO} (V) Min	P _D (W) @T _C =25°C	I _C (A)	I _{CB0} (μA) Max	V _{CB} (V) @ I _C	I _{CES} (μA) Max	V _{CE} (V) @ I _{CES}	h _{FE} @ I _C Min	h _{FE} @ I _C Max	I _C & V _{CE} (A) (V)	V _{CE(SAT)} (V) & Min	V _{CE(SAT)} (V) & Max	V _{BE(SAT)} (V) Max	I _C (A) @ V _{CE}	C _{ob} (pF) Max	f _t (MHz) Min	f _t (MHz) Typ	f _t (MHz) Max	I _C (mA)
BDX18	100	60	7	117	15			*5000	90	20	70	4 4	1.1			15		4.0			1000
CDP055	50	50	5	50	10	200	50			25	100	2 2	1			2					
MJ2955	100	60	7	117	15			*1000	100	20	70	4 4 10 4	1.1 3			4 10		2.5			500

*NOTE: I_{CEX}

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