

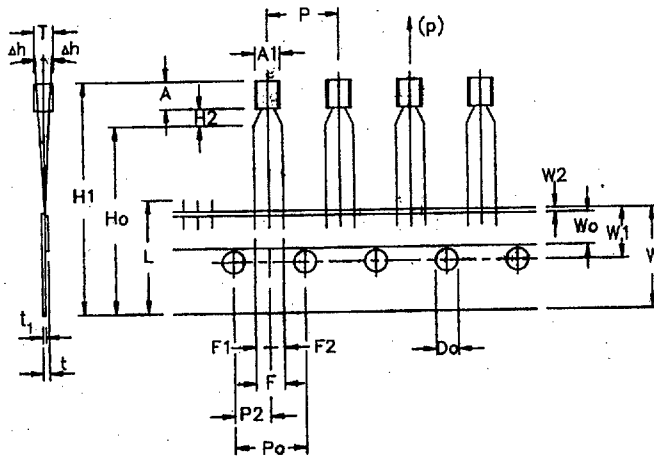
TO-92 Plastic Package Transistors (PNP)

CDIL

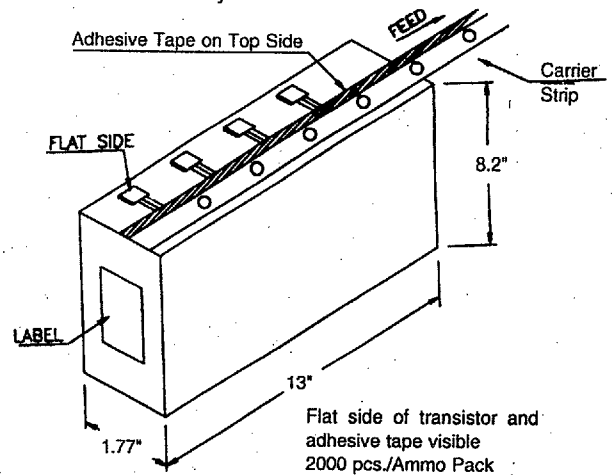
Maximum Ratings						Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)														
Type No.	V _{CEO} (V) Min	V _{CE0} (V) Min	V _{EB0} (V) Min	P _D (W) @Tc=25°C	I _C (A) Max	I _{CEO} (μA) Max	V _{CE} (V) Max	I _{CE} (μA) Max	V _{CE} (V) Max	h _{FE} @ I _C & V _{CE} (mA) (V)	V _{CE(SAT)} (V) Max	V _{BE(SAT)} (V) Max	I _C (mA) Max	C _{ob} (pF) Typ	f _i (MHz) Min	t _{off} (ns) Max	N _F (dB) Max	@ Freq (MHz) Max	C _{in} (pF) Max	CDIL Case Style
BCX78-9	32	32	5	0.625	0.1			0.01	32	75 250 160 60 460 630 100	0.01 2 10 5 1 1	0.6	1 100	4.5			6	0.001		TO-92-4
BCX78-10	32	32	5	0.625	0.1			0.01	32	100 380 240 60 630 1000 100	0.01 2 10 5 1 2	0.6	1 100	4.5	200	10	800	6	0.001	TO-92-4
BCX79	45	45	5	0.625	0.1			0.01	45	80 40 120 20 1000 100 630 0.01	10 1 2 5 1 1 5 5	0.6	1 100	4.5			6	0.001		TO-92-4
BCX79-7	45	45	5	0.625	0.1			0.01	45	120 80 40 20 220 10 100 0.01	2 5 1 1 5 1 1 5	0.6	1 100	4.5			6	0.001		TO-92-4
BCX79-8	45	45	5	0.625	0.1			0.01	45	120 45 40 180 400 100 0.01 310	10 1 5 5 1 1 5 5	0.6	1 100	4.5			6	0.001		TO-92-4
BF421	300	300	5	0.8	0.5	0.01	200			50 25 20	0.5	2 20			60	10			2.8	TO-92-1
BF423	250	250	5	0.8	0.5	0.01	200			50 25 20	0.5	2 20			60	10			2.8	TO-92-1
C100	60	50	5	0.5	1	0.05	40			50 280 150	0.6	150								TO-92-4
CC327	50	45	5	0.625	0.8	0.1	20			40 100 600 500 100 1	0.7	500	8		100	10				TO-92-1
CC327-16	50	45	5	0.625	0.8	0.1	20			40 100 250 500 100 1	0.7	500	8		100	10				TO-92-1
CC327-40	50	45	5	0.625	0.8	0.1	20			40 250 600 500 100 1	0.7	500	8		100	10				TO-92-1
CC328	30	25	5	0.625	0.8	0.1	20			40 100 600 500 100 1	0.7	500	8		100	10				TO-92-1
CC328-16	30	25	5	0.625	0.8	0.1	20			40 100 250 500 100 1	0.7	500	8		100	10				TO-92-1
CC328-40	30	25	5	0.625	0.8	0.1	20			40 250 600 500 100 1	0.7	500	8		100	10				TO-92-1
CD423	250	250	5	0.8	0.5	0.01	200			50 25 20	0.5	20			60	10			2.8	TO-92
CD638	60	60	5	0.8	0.5	0.1	30			25 40 25 5 160 500	0.5	500	9		150	50				TO-92-4
CD8550B	30	25	6	1.0	2	0.5	20			85 40 160 800	0.5	1.3 800	35	100		100				TO-92
CD8550C	30	25	6	1.0	2	0.5	20			120 40 200 800	0.5	1.2 800	35	100		100				TO-92
CD8550D	30	25	6	1.0	2	0.5	20			160 40 300 800	0.5	1.3 800	35	100		100				TO-92
CD9012	40	30	5	0.625	0.5	0.1	25			64 465 50	0.2 0.6	1 1.2 150 500	10	200		50	6	0.001		TO-92

\$ V_{CES}

MECHANICAL DATA



Ammo Pack Style



Item	Symbol	Specification				Remarks
		Min.	Nom.	Max.	Tol.	
Body Width	A1	4.0		4.8		Cumulative Pitch Error 1.0 mm/20 Pitch To be measured at bottom of Clinch
Body Height	A	4.8		5.2		
Body Thickness	T	3.9		4.2		
Pitch of Component	P		12.7		±1	
Feed Hole Pitch	Po		12.7		±0.3	
Feed Hole Centre to Component Centre	P2		6.35		±0.4	At Top of Body
Distance between Outer Leads	F		5.08		±0.6	
Component Alignment	Δh		0	1	-0.2	
Tape Width	W		18		±0.5	
Hold-Down Tape Width	Wo		6		±0.2	
Hole Position	W1		9		±0.7	t ₁ 0.3-0.6
Hold-Down Tape Position	W2		0.5		±0.2	
Lead Wire Clinch Height	Ho		16		±0.5	
Component Height	H1			32.25		
Length of Snipped leads	L			11.0		
Feed Hole Diameter	Do		4		±0.2	
Total Tape Thickness	t			1.2		
Lead-to-Lead Distance	F1,F2		2.54		+0.4 -0.1	
Clinch Height	H2			3		
Pull-out Force	(p)	6N				

Dimensions in m.m.

Notes:

- Maximum alignment deviation between leads not to be greater than 0.2 mm.
- Maximum non-cumulative variation between tape feed holes shall not exceed 1 mm in 20 pitches
- Hold-down tape not to exceed beyond the edge(s) of carrier tape and there shall be no exposure of adhesive.
- No more than 3 consecutive missing components permitted.
- A tape trailer, having at least three feed holes is required after the last component.
- Splices shall not interfere with the sprocket feed holes.