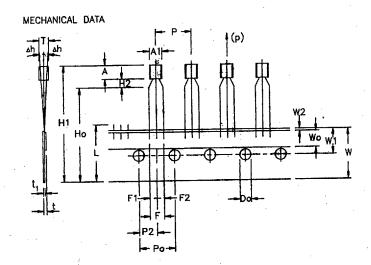
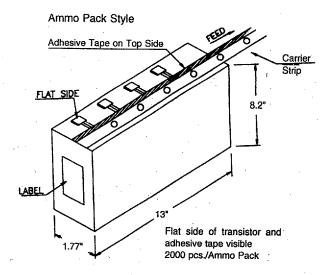
TO-92 Plastic Package Transistors (PNP)



	Maximum Ratings													Electric	al Cha	racteristics	(Ta=25°C, U	nless Ot	herwise	Spec	ified)				
Type No.	V _{CBO} (V) Min	V _{CEO} (V) Min	V _{EBO} (V) Min	P _D (W) @Tc=25°d	I _C (A)	l _{CBO} (µA) Max	V _{CB} @ (V)	I _{CES} (μΑ) Max	V _{CE} @ (V)	h _{FI} Min	@ Max	. I _C & (mA)	V _{CE} (V)	V _{CE(SAT)} (V) Max Min		I _C @ (mA)	C _{ob} (pF) Typ Max	f _i (MHz) Min Typ	@ Max	I _C t ₍ (mA) (r	s) (N _F (dB) Max	@ Freq (MHz)	C _{re} (pF) Max	
BCX78-9	32	32	5	0.625	0.1			0.01	32	75 250 160 60	460 630	0.0 2 10 100	1 5 5 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	0.0 2 10 100	1 5 5 1	0.6	1	100	2.6 4.5	200		10 80		6	0.001		TO-92-4
ВСХ79	45	45	5	0.625	0.1			0.01	45	80 40 120 20	1000 630	10 100 2 0.0	1 1 5	0.6		100	4.5	Victoria de primer de mante de manda de				6	0.001		TO-92-4
BCX79-7	45	45	5	0.625	0.1		-	0.01	45	120 80 40 20	220	2 10 100 0.0	5 1 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	400 310	10 100 0.0 2	1 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	1	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	1	10				2.8	TO-92-1
C100	& 60	50	5	0.5	1	0.05	40			50	280	150	1	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	В	100	1	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	8.0	0.1	20	·		40 250	600	500 100	1 . 1	0.7		500	8	100	•	10					TO-92-1
CC328	30	25	5	0.625	8.0	0.1	20			40 100	600	500 100	1	0.7	٠.	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		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	160	5 150 500	2 2 2	0.5		500	9	150	!	50					TO-92-4
CD8550B	30	25	6	1.0	2	0.5	20			85 40	160	100 800	1	- 0.5	1.3	800	35	100	10	00					TO-92
CD8550C	30	25	6	1.0	2	0.5	20			120 40	200	100 800	1	0.5	1,2	800	35	100	1:	00					TO-92
CD8550D	30	25	6	1.0	2	0.5	20			160 40	300	100 800	1 1	0.5	1.3	800	35	100	11	00				-	TO-92
CD9012	40	30	5	0.625	0.5	0.1	25			64	465	50	1	0.2 0.6		150 500	10	200	!	50		6	0.001		TO-92





Item	Symbol		Specifi	Remarks			
		Min.	Nom.	Max.	Tol.		
Body Width	A1	4,0		4,8			
Body Height	Α	4,8.		5,2			
Body Thickness	T	3.9		4.2		•	
Pitch of Component	P		12.7		±1		
Feed Hole Pitch	Ро		12.7		±0.3	Cumulative Pitch Error 1.0 mm/20 Pitch	
Feed Hole Centre to		,		•		To be measured at	
Component Centre	P2		6.35		±0.4	bottom of Clinch	
Distance between Outer	1	*			±0.6	•	
Leads	F		5.08	• ,	-0.2		
Component Alignment	Δh		0	1		At Top of Body	
Tape Width	w ·		18		±0.5		
Hold-Down Tape Width	Wo		6	•	±0.2		
Hole Position	W1		9	-	±0.7		
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		t, 0.3-0.6	
Lead-to-Lead Distance	F1,F2		2.54		+0.4	1 0.0 0.0	
Clinah Haisht	110				-0.1		
Clinch Height	H2			3			
Pull-out Force	(p)	6N		**			

Notes:

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

Dimensions in m.m.