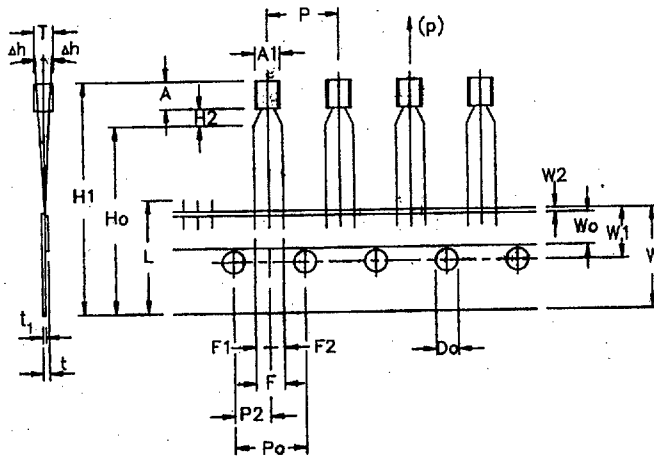
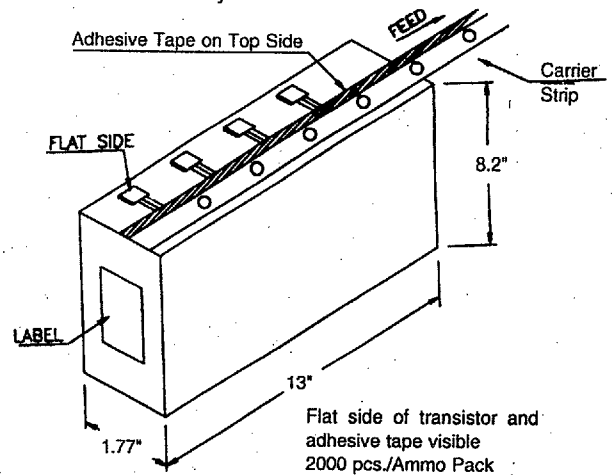


Maximum Ratings							Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)																
Type No.	V _{CBO} (V) Min	V _{CEO} (V) Min	V _{EB0} (V) Min	P _D (W) @ Tc=25°C	I _C (A) Max	I _{CBO} (μA) Max	V _{CB} (V) @ I _C	I _{CES} (μA) Max	V _{CE} (V) @ I _{CES}	h _{FE} @ I _C & V _{CE}		V _{CE(SAT)} (V) Max	V _{BE(SAT)} (V) Max	I _C (mA) @ V _{BE(SAT)}	C _{ob} (pF) Typ	f _i (MHz) Min	f _i (MHz) Typ	f _i (MHz) Max	t _{off} (ns) Max	N _F (dB) Max	Q _F (MHz) Max	C _{re} (pF) Max	CDIL Case Style
CP756	200	200	5	0.75	0.5	0.1	160			40 10 5		0.5	1.0	100	20	30		10					TO-92
										50 100 5													
CP757	300	300	5	0.75	0.5	0.1	200			40 10 5		0.5	1.0	100	20	30		10					TO-92
										50 100 5													
CP788B	15	15	5	0.75	3.0	0.1	10			500 1500 10 2		0.5		1000									TO-92
CSA562	35	30	5	0.5	0.5	0.1	35			70 240 100 1		0.25		100	13	200		20					TO-92-1
										25 400 6													
CSA5620	35	30	5	0.5	0.5	0.1	35			70 140 100 1		0.25		100	13	200		20					TO-92-1
										25 400 6													
CSA562Y	35	30	5	0.5	0.5	0.1	35			120 240 100 1		0.25		100	13	200		20					TO-92-1
										40 400 6													
CSA643	40	20	5	0.5	0.5	0.1	25			40 400 100 1		0.4		1.3	500								TO-92
CSA643G	40	20	5	0.5	0.5	0.1	25			200 400 100 1		0.4		1.3	500								TO-92
CSA643O	40	20	5	0.5	0.5	0.1	25			70 140 100 1		0.4		1.3	500								TO-92
CSA643R	40	20	5	0.5	0.5	0.1	25			40 80 100 1		0.4		1.3	500								TO-92
CSA643Y	40	20	5	0.5	0.5	0.1	25			120 240 100 1		0.4		1.3	500								TO-92
CSA673	35	35	4	0.4	0.5	0.5	20			60 320 10 3		0.6		150									TO-92-1
										10 500 3													
CSA673B	35	35	4	0.4	0.5	0.5	20			60 120 10 3		0.6		150									TO-92-1
										10 500 3													
CSA673C	35	35	4	0.4	0.5	0.5	20			100 200 10 3		0.6		0.87 150									TO-92-1
										10 500 3													
CSA673D	35	35	4	0.4	0.5	0.5	20			160 320 10 3		0.6		0.87 150									TO-92-1
										10 500 3													
CSA708	80	60	8	0.8	0.7	0.1	60			40 240 50 2		0.7		1.1 500	13	50		50					TO-92
CSA708O	80	60	8	0.8	0.7	0.1	60			70 140 50 2		0.7		1.1 500	13	50		50					TO-92
CSA708R	80	60	8	0.8	0.7	0.1	60			40 80 50 2		0.7		1.1 500	13	50		50					TO-92
CSA708Y	80	60	8	0.8	0.7	0.1	60			120 240 50 2		0.7		1.1 500	13	50		50					TO-92
CSA719	30	25	5	0.625	0.5	0.1	20			85 340 150 10		0.6		1.5 300	15	200		50					TO-92-1
										40 500 10													
CSA719Q	30	25	5	0.625	0.5	0.1	20			85 170 150 10		0.6		1.5 300	15	200		50					TO-92-1
										40 500 10													
CSA719R	30	25	5	0.625	0.5	0.1	20			120 240 150 10		0.6		1.5 300	15	200		50					TO-92-1
										40 500 10													
CSA719S	30	25	5	0.625	0.5	0.1	20			170 300 150 10		0.6		1.5 300	15	200		50					TO-92-1
										40 500 10													
CSA720	60	50	5	0.625	0.5	0.1	20			85 340 150 10		0.6		1.5 300	15	200		50					TO-92-1
										40 500 10													
CSA720Q	60	50	5	0.625	0.5	0.1	20			85 170 150 10		0.6		1.5 300	15	200		50					TO-92-1
										40 500 10													

MECHANICAL DATA



Ammo Pack Style



Item	Symbol	Specification				Remarks
		Min.	Nom.	Max.	Tol.	
Body Width	A1	4.0		4.8		
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	Cumulative Pitch Error 1.0 mm/20 Pitch To be measured at bottom of Clinch
Feed Hole Centre to Component Centre	P2		6.35		±0.4	
Distance between Outer Leads	F		5.08		±0.6	
Component Alignment	Δh		0	1	-0.2	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 ₁ 0.3-0.6
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.