



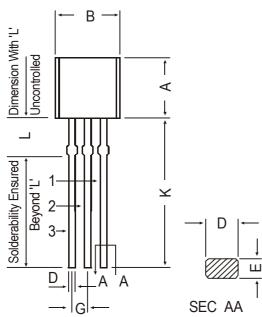
TO-92 (3 leads) Leaded Thru-hole Plastic Package

Package Outline, Taping and Packaging Information

TO-92 Plastic Package

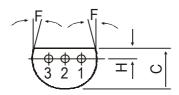
TO-92 Plastic Package

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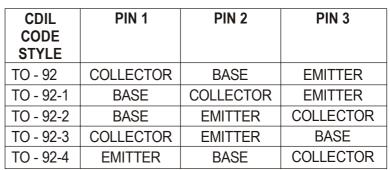


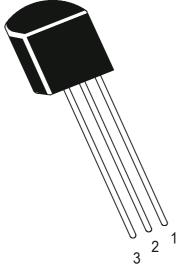
DIM	MIN.	MAX.			
А	4.32	5.33			
В	4.45	5.20			
С	3.18	4.19			
D	0.41	0.55			
Е	0.35	0.50			
F	5 DEG				
G	1.14	1.40			
Н	1.14	1.53			
K	12.70				
L	1.982	2.082			

All diminsions in mm.



PIN CONFIGURATION AVAILABLE IN TO - 92

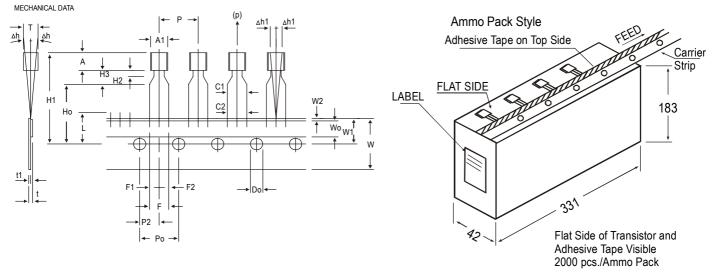




Packing Detail

PACKAGE	STANDARD PACK		INNER CARTON BOX		OUTER CARTON BOX		
	Details	Net Weight/Qty	Size	Qty	Size	Qty	Gr Wt
TO-92 Bulk	1K/polybag	200 gm/1K pcs	3" x 7.5" x 7.5"	5K	17" x 15" x 13.5"	80K	23 kgs
T0-92 T&A	2K/ammo box	645 gm/2K pcs	12.5" x 8" x 1.8"	2K	17" x 15" x 13.5"	32K	12.5 kgs

TO-92 Transistors on Tape and Ammo Pack



		SPECIFICATION			ON	
ITEM	SYMBOL	MIN.	NOM.	MAX.	TOL .	REMARKS
BODY WIDTH	A1	4.0		4.8		
BODY HEIGHT	А	4.8		5.2		
BODY THICKNESS	Т	3.9		4.2		
PITCH OF COMPONENT	Р		12.7		%%P1	
FEED HOLE PITCH	Po		12.7		%%P0.3	CUMULATIVE PITCH ERROR 1.0 mm/20 PITCH
FEED HOLE CENTRE TO						
COMPONENT CENTRE	P2		6.35		%%P0.4	TO BE MEASURED AT BOTTOM OF CLINCH
DISTANCE BETWEEN OUTER					+0.6	
LEADS	F		5.08		-0.2	
COMPONENT ALIGNMENT SIDE VIEW	riangle h		0	1.0		AT TOP OF BODY
COMPONENT ALIGNMENT FRONT VIEW	∆h1		0	1.3		AT TOP OF BODY
TAPE WIDTH	W		18		%%P0.5	
HOLD-DOWN TAPE WIDTH	Wo		6		%%P0.2	
HOLE POSITION	W1		9		+0.7	
					-0.5	
HOLD-DOWN TAPE POSITION	W2		0.5		%%P0.2	
LEAD WIRE CLINCH HEIGHT	Ho		16		%%P0.5	
COMPONENT HEIGHT	H1			23.25		
LENGTH OF SNIPPED LEADS	L			11.0		
FEED HOLE DIAMETER	Do		4		%%P0.2	
TOTAL TAPE THICKNESS	t			1.2		t1 0.3 - 0.6
LEAD - TO - LEAD DISTANCE	F1, F2		2.54		+0.4, -0.1	
STAND OFF	H2	0.45		1.45		
CLINCH HEIGHT	H3			3.0		
LEAD PARALLELISM	C1 - C2			0.22		
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. HOLDDOWN 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 IS PERMITTED.

5. A TAPE TRAILER, HAVING AT LEAST THREE FEED HOLES IS REQUIRED AFTER THE LAST COMPONENT.

6. SPLICES SHALL NOT INTERFERE WITH THE SPROCKET FEED HOLES.

Disclaimer

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