

FIGURE 1

PRINCIPAL DATUMS & DIMENSIONS

INCH

JEDEC
SOLID STATE PRODUCT
OUTLINES

THIS **STANDARD OUTLINE** HAS BEEN PREPARED BY THE JEDEC JC-11 COMMITTEE AND APPROVED BY THE JEDEC COUNCIL AND REFLECTS A PRODUCT WITH WIDE ACCEPTANCE IN THE ELECTRONICS INDUSTRY; CHANGES ARE NOT LIKELY TO OCCUR.

TITLE
PLASTIC SMALL OUTLINE
J-LEAD PKG, .300" WB, .050" PITCH

JEDEC-30 DESIGNATOR
R-PDSO-J/SOJ

ISSUE
A

DATE
MAR
1995

MS-023
(WAS MO-077)

SHEET
1 OF 5

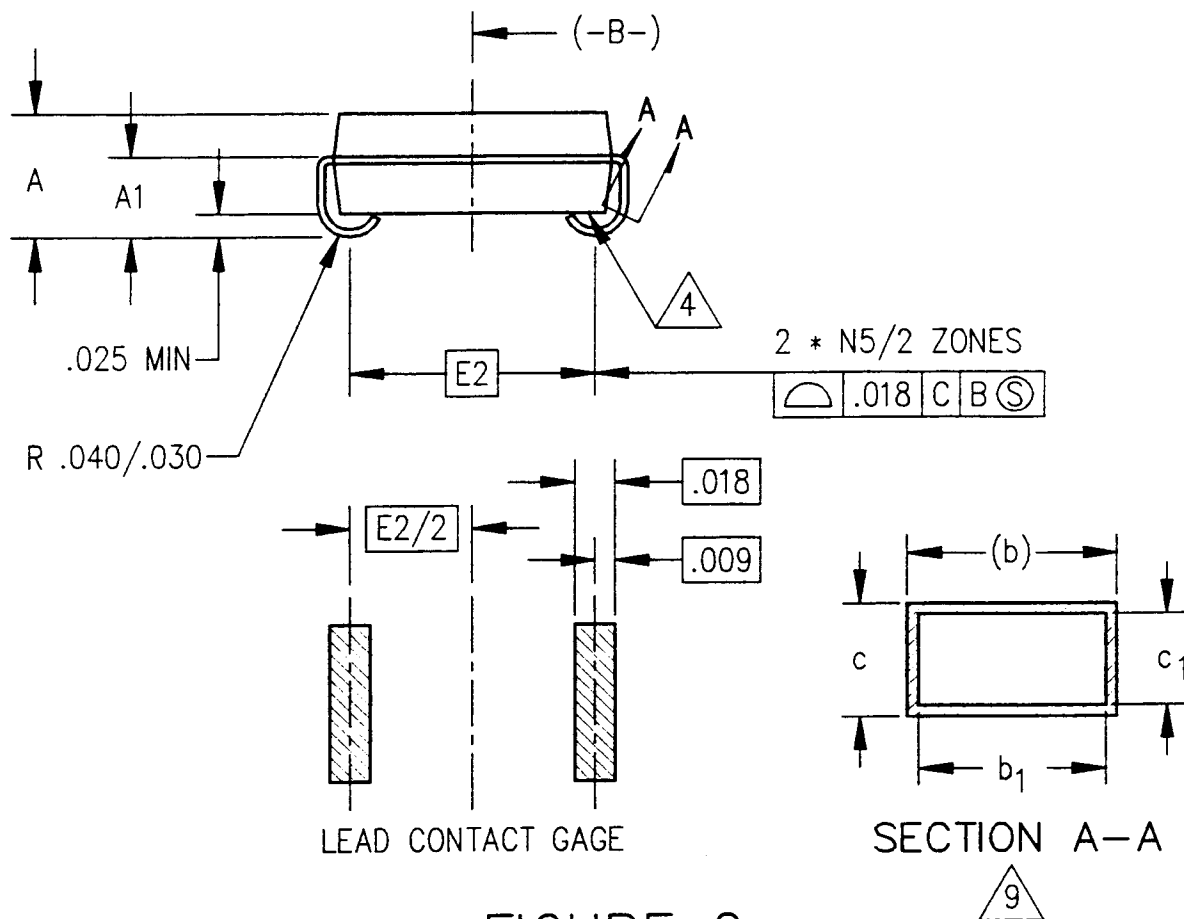
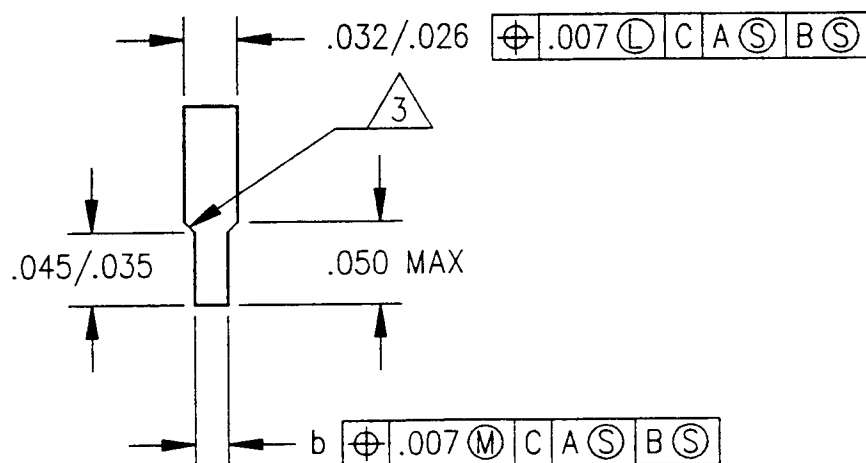
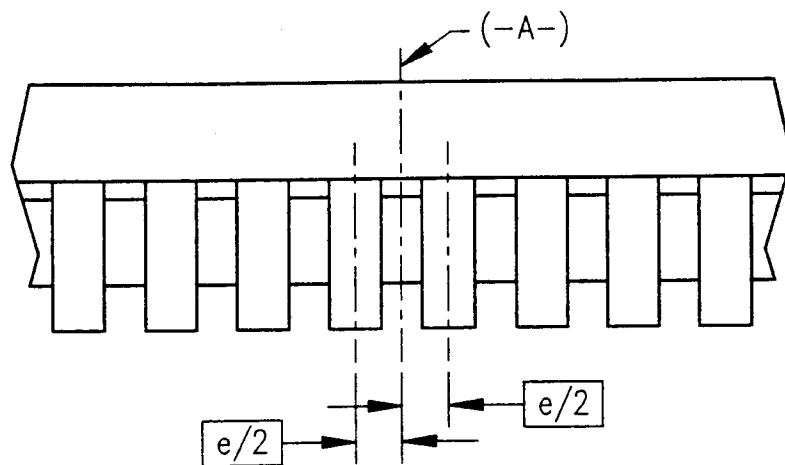


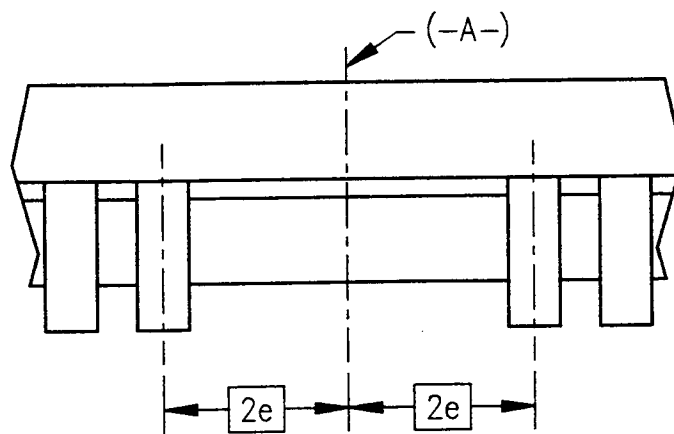
FIGURE 2
LEAD DETAILS



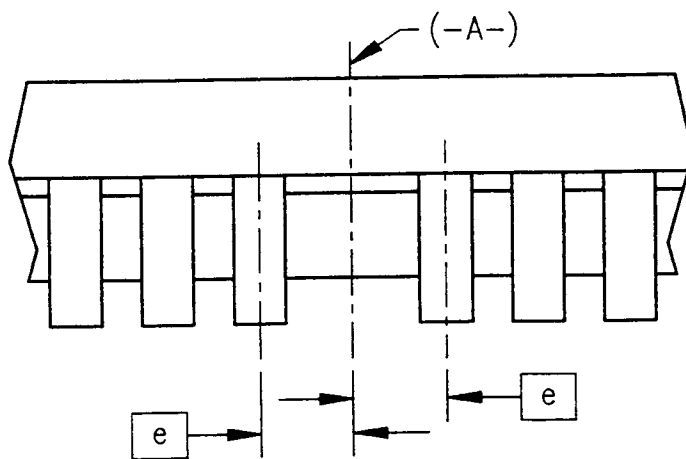
DETAIL A



SIDE VIEW - VARIATION AA, AD, AE



SIDE VIEW - VARIATION AB



SIDE VIEW - VARIATION AC

DETAIL B

JEDEC
SOLID STATE PRODUCT
OUTLINES

TITLE PLASTIC SO, J-LEAD PKG,
.300" WB, .050" PITCH
R-PDSO-J/SOJ

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SHEET
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SYMBOLS	VARIATIONS								ALL DIMENSIONS IN INCHES			
	AA				AB				AC			
	MIN.	NOM.	MAX.	NOTE	MIN.	NOM.	MAX.	NOTE	MIN.	NOM.	MAX.	NOTE
A	.128	.138	.148		.128	.138	.148		.128	.138	.148	
A1	.082	—	—		.082	—	—		.082	—	—	
b	.016		.020		.016		.020		.016		.020	
b1	.016	.018	.019		.016	.018	.019		.016	.018	.019	
c	.007		.010		.007		.010		.007		.010	
c1	.007	.008	.009		.007	.008	.009		.007	.008	.009	
D	.620	.625	.630	5	.670	.675	.680	5	.670	.675	.680	5
E		.335 BSC				.335 BSC				.335 BSC		
E1	.295	.300	.305	5	.295	.300	.305	5	.295	.300	.305	5
E2		.267 BSC				.267 BSC				.267 BSC		
e		.050 BSC				.050 BSC				.050 BSC		
N		24		6		26		6		26		6
N1		—				5		6		6		6
N2		—				9		6		8		6
N3		—				18		6		19		6
N4		—				22		6		21		6
N5		24				20		6		24		6

SYMBOLS	VARIATIONS								ALL DIMENSIONS IN INCHES			
	AD				AE							
	MIN.	NOM.	MAX.	NOTE	MIN.	NOM.	MAX.	NOTE	MIN.	NOM.	MAX.	NOTE
A	.128	.138	.148		.128	.138	.148					
A1	.082	—	—		.082	—	—					
b	.016		.020		.016		.020					
b1	.016	.018	.019		.016	.018	.019					
c	.007		.010		.007		.010					
c1	.007	.008	.009		.007	.008	.009					
D	.720	.725	.730	5	.820	.825	.830	5				
E		.335 BSC				.335 BSC						
E1	.295	.300	.305	5	.295	.300	.305	5				
E2		.267 BSC				.267 BSC						
e		.050 BSC				.050 BSC						
N		28		6		32		6				
N1		—				—						
N2		—				—						
N3		—				—						
N4		—				—						
N5		28		6		32		6				

NOTE	1,2,3,4,7,8
REF	11-330S, M0-077
ISSUE	A

JEDEC SOLID STATE PRODUCT OUTLINES	TITLE PLASTIC SO, J-LEAD PKG, .300" WB, .050" PITCH R-PDSO-J/SOJ	ISSUE A	DATE MAR 1995	MS-023	SHEET 4 OF 5
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NOTES

1. DIMENSIONING AND TOLERANCING CONFORM TO ANSI Y14.5M-1982.
2. DATUM PLANE -H- IS LOCATED AT THE TOP OF THE MOLD PARTING LINE AND IS COINCIDENT WITH THE TOP OF THE LEAD WHERE THE LEAD EXITS THE BODY.
3. FORM OF TRANSITION IS OPTIONAL.
4. BODY CASTELLATION DETAIL UNDER LEADS IS OPTIONAL.
5. DIMENSIONS D AND E1 DO NOT INCLUDE MOLD PROTRUSION. MOLD PROTRUSION SHALL NOT EXCEED 0.006 INCH PER SIDE.
6. FOR LEAD IDENTIFICATION PURPOSES ONLY. LEADS BETWEEN N1 AND N2 AND LEADS BETWEEN N3 AND N4 ARE OMITTED FOR THE VARIATIONS IN WHICH THEY APPEAR. N5 IS THE TOTAL NUMBER OF LEADS PRESENT FOR THAT VARIATION.
7. THE EXACT SHAPE OF THIS FEATURE IS OPTIONAL.
8. THE LEAD #1 IDENTIFIER AND LEAD NUMBERING CONVENTION SHALL CONFORM TO JESD 95 SPP-012. DETAILS OF LEAD #1 IDENTIFIER ARE OPTIONAL BUT MUST BE LOCATED WITHIN THE ZONE INDICATED. THE LEAD #1 IDENTIFIER MAY BE EITHER A MOLDED OR A MARKED FEATURE.
9. SECTION A-A TO BE TAKEN ON THE STRAIGHT SEGMENT OF THE LEAD (NOT IN THE BEND RADIUS).
10. ALL DIMENSIONS ARE IN INCHES.