

PRINCIPAL DATUMS & DIMENSIONS

INCH

JEDEC
SOLID STATE
PRODUCT OUTLINES

THIS *REGISTERED OUTLINE* HAS BEEN PREPARED BY THE JEDEC JC-11 COMMITTEE AND REFLECTS A PRODUCT WITH ANTICIPATED USAGE IN THE ELECTRONICS INDUSTRY; CHANGES ARE LIKELY TO OCCUR

TITLE
PLASTIC SMALL OUTLINE J-LEAD
PACKAGE FAMILY, .300" WIDE BODY
.050" LEAD PITCH

R-PDSO-J

ISSUE

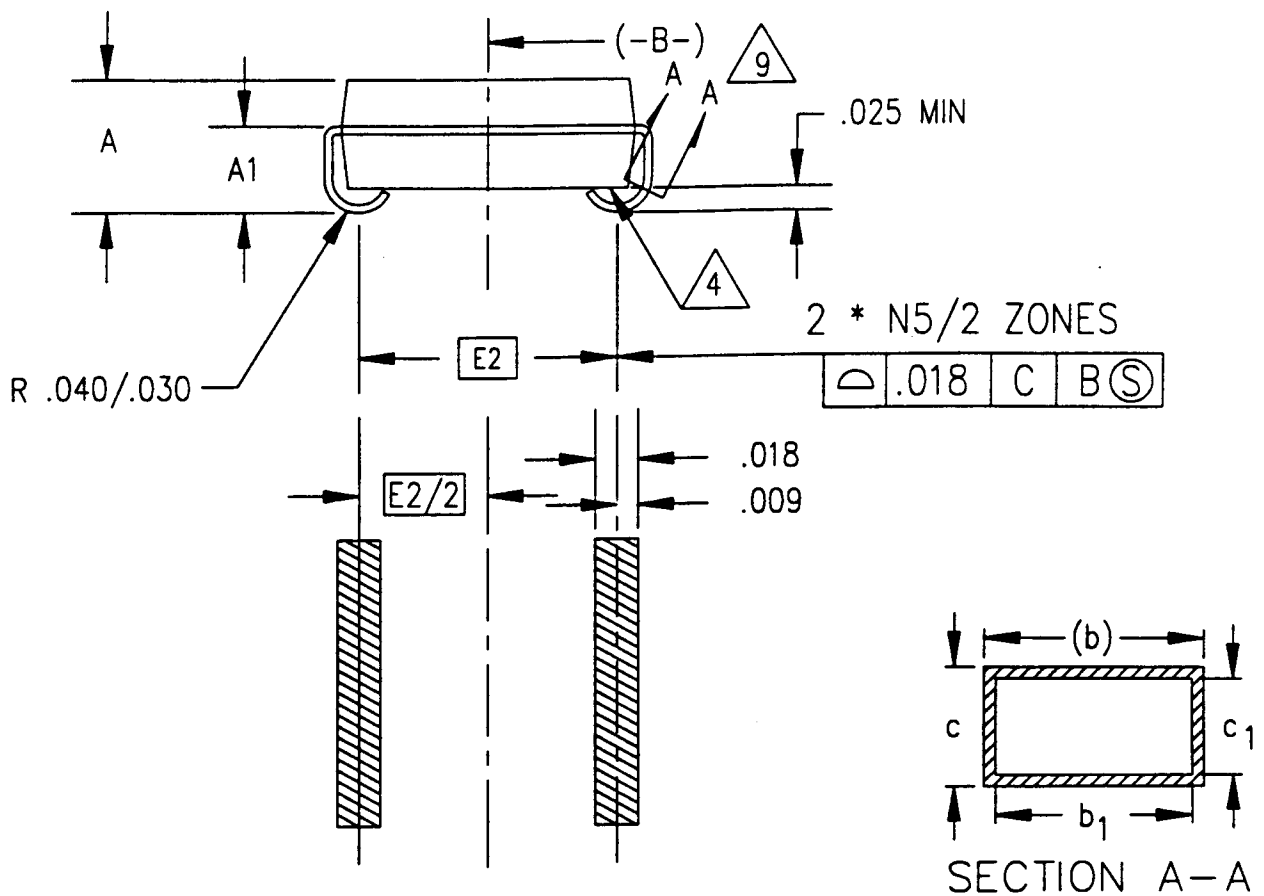
D

DATE

11/94

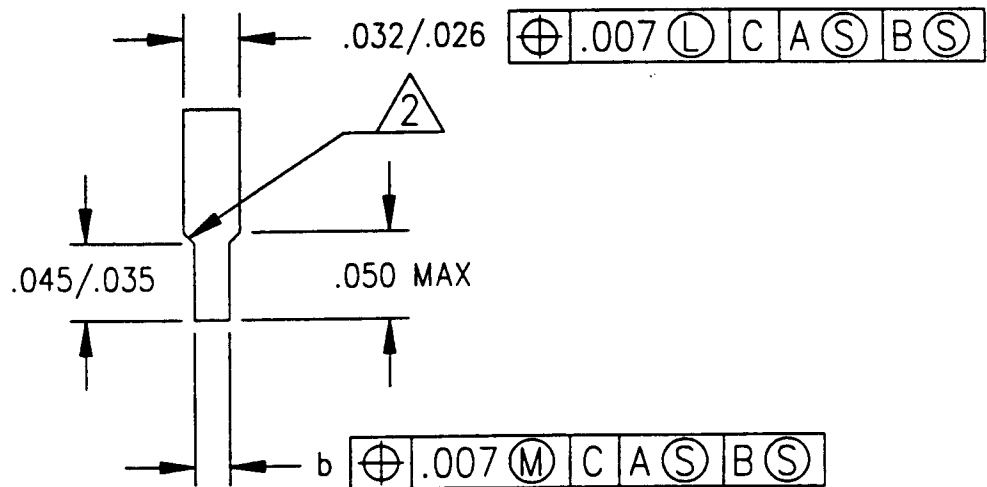
MO-077

1
CF 5



LEAD DETAILS

INCH



DETAIL A

INCH

JEDEC
SOLID STATE PRODUCTS
OUTLINES

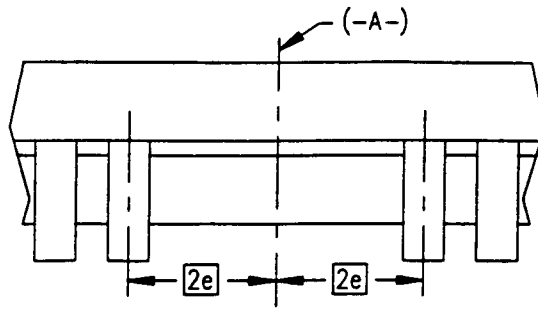
PLASTIC SMALL OUTLINE J-LEAD
PACKAGE FAMILY, .300" WIDE BODY,
.050" LEAD PITCH
R-PDSO-J

ISSUE
D

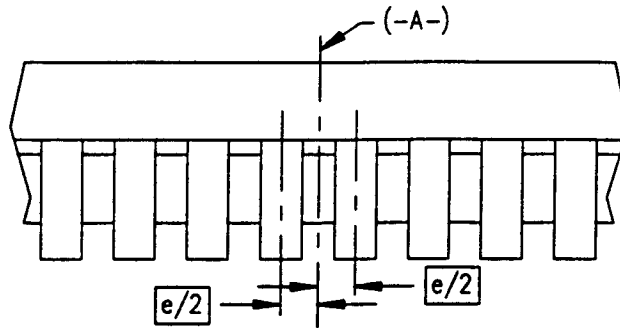
DATE
11/94

MO-077

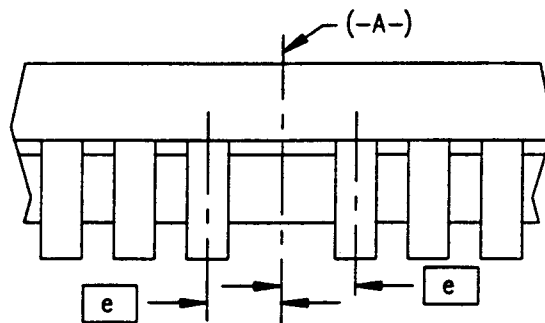
SHEET
2 OF 5



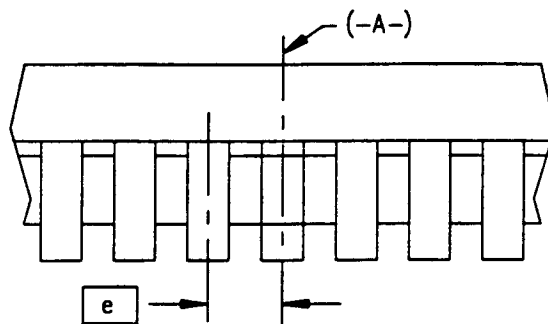
SIDE VIEW - VARIATION AA



SIDE VIEW - VARIATION AB, AC, AD



SIDE VIEW - VARIATION AE



SIDE VIEW - VARIATION AF

DETAIL B

JEDEC
SOLID STATE PRODUCTS
OUTLINES

PLASTIC SMALL OUTLINE J-LEAD
PACKAGE FAMILY, .300" WIDE BODY,
.050" LEAD PITCH
R-PDSO-J

ISSUE
D

DATE
'11/94

MO-077

SHEET
3 OF 5

SYMBOLS	VARIATIONS							ALL DIMENSIONS IN INCHES				
	AD			NOTE	AA			NOTE	AE			NOTE
	MIN.	NOM.	MAX.		MIN.	NOM.	MAX.		MIN.	NOM.	MAX.	
A	.128	.138	.148	5	.128	.138	.148	5	.128	.138	.148	5
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	6	.007	.008	.009	6	.007	.008	.009	6
D	.620	.625	.630		.670	.675	.680		.670	.675	.680	
E		.335 BSC				.335 BSC				.335 BSC		
E1	.295	.300	.305		.295	.300	.305		.295	.300	.305	
E2		.267 BSC				.267 BSC				.267 BSC		
e		.050 BSC		6		.050 BSC		6		.050 BSC		6
N		24				26				26		
N1		-				5				6		
N2		-				9				8		
N3		-				18				19		
N4		-		6		22		6		21		6
N5		24				20				24		
NOTE	1,2,3,4,7,8,9											
REF	ITEM 11-283				ITEM 11-200				ITEM 11-330S			
ISSUE	C				A							

SYMBOLS	VARIATIONS							ALL DIMENSIONS IN INCHES				
	AB			NOTE	AC			NOTE				NOTE
	MIN.	NOM.	MAX.		MIN.	NOM.	MAX.		MIN.	NOM.	MAX.	
A	.128	.138	.148	5	.128	.138	.148	5	.128	.138	.148	5
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	6	.007	.008	.009	6	.007	.008	.009	6
D	.720	.725	.730		.820	.825	.830		1.070	1.075	1.080	
E		.335 BSC				.335 BSC				.335 BSC		
E1	.295	.300	.305		.295	.300	.305		.295	.300	.305	
E2		.267 BSC				.267 BSC				.267 BSC		
e		.050 BSC		6		.050 BSC		6		.050 BSC		6
N		28				32				42		
N1		-				-				-		
N2		-				-				-		
N3		-				-				-		
N4		-		6		-		6		-		6
N5		28				32				42		
NOTE	1,2,3,4,7,8,9											
REF	ITEM 11-254				ITEM 11-254				ITEM 11-400			
ISSUE	B				B				D			

JEDEC SOLID STATE PRODUCTS OUTLINES		PLASTIC SMALL OUTLINE J- LEAD PACKAGE FAMILY, .300" WIDE BODY, .050" LEAD SPACING R-PDSO-J		ISSUE D	DATE 11/94	MO-077	SHEET 4 OF 5
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NOTES

1. DIMENSIONING AND TOLERANCING CONFORM TO ANSI Y14.5M-1982.

△₂ FORM OF TRANSITION IS OPTIONAL.

△₃ BODY CASTELLATION DETAIL UNDER LEADS IS OPTIONAL.

△₄ DIMENSIONS D AND E1 DO NOT INCLUDE MOLD PROTRUSION.
MOLD PROTRUSION SHALL NOT EXCEED 0.006 INCH PER SIDE.

△₅ FOR LEAD IDENTIFICATION PURPOSES ONLY.
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.

△₆ THE EXACT SHAPE OF THIS FEATURE IS OPTIONAL.

△₇ THE LEAD #1 IDENTIFIER AND LEAD NUMBERING CONVENTION SHALL
CONFORM TO JESD 95-1 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.

8. ALL DIMENSIONS IN INCHES.

△₉ SECTION A-A TO BE TAKEN AT THE STRAIGHT SEGMENT OF THE LEAD
(NOT AT THE BEND RADIUS).

JEDEC SOLID STATE PRODUCTS OUTLINES	PLASTIC SMALL OUTLINE J-LEAD PACKAGE FAMILY, .300" WIDE BODY, .050" LEAD PITCH R-PDSO-J	ISSUE D	DATE 11/94	MO-077	SHEET 5 OF 5
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