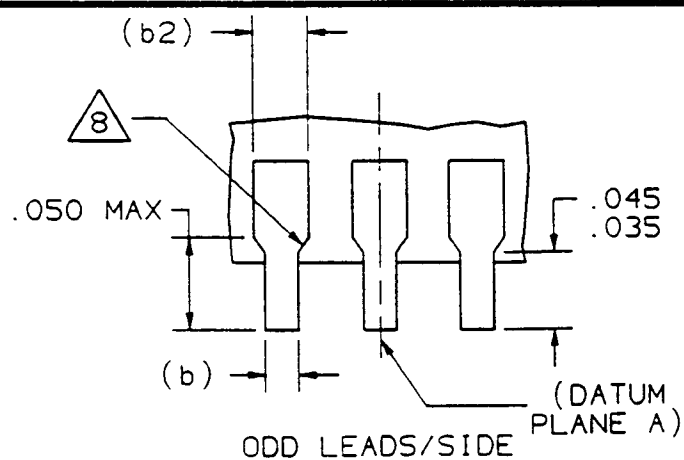
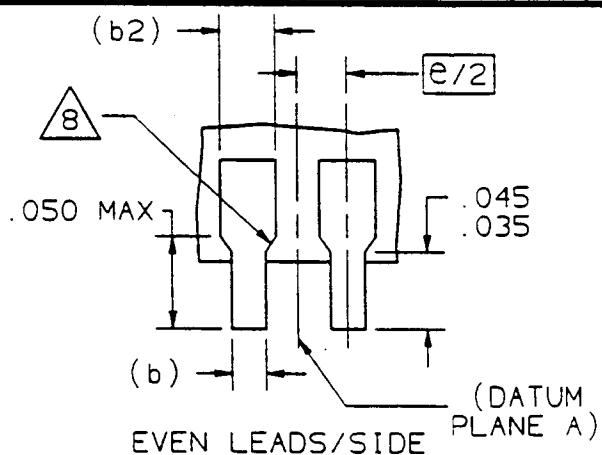
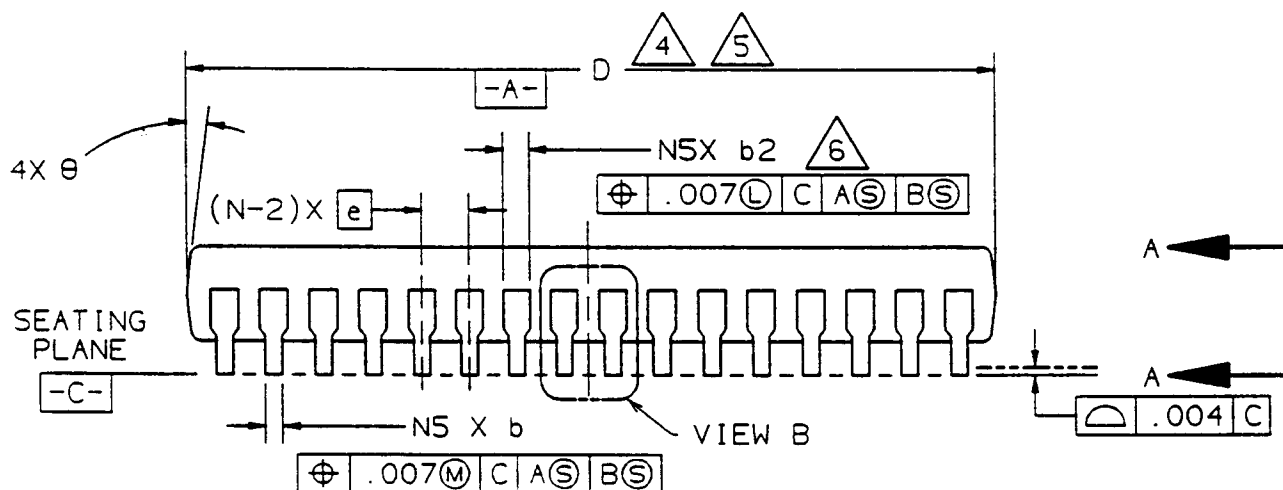
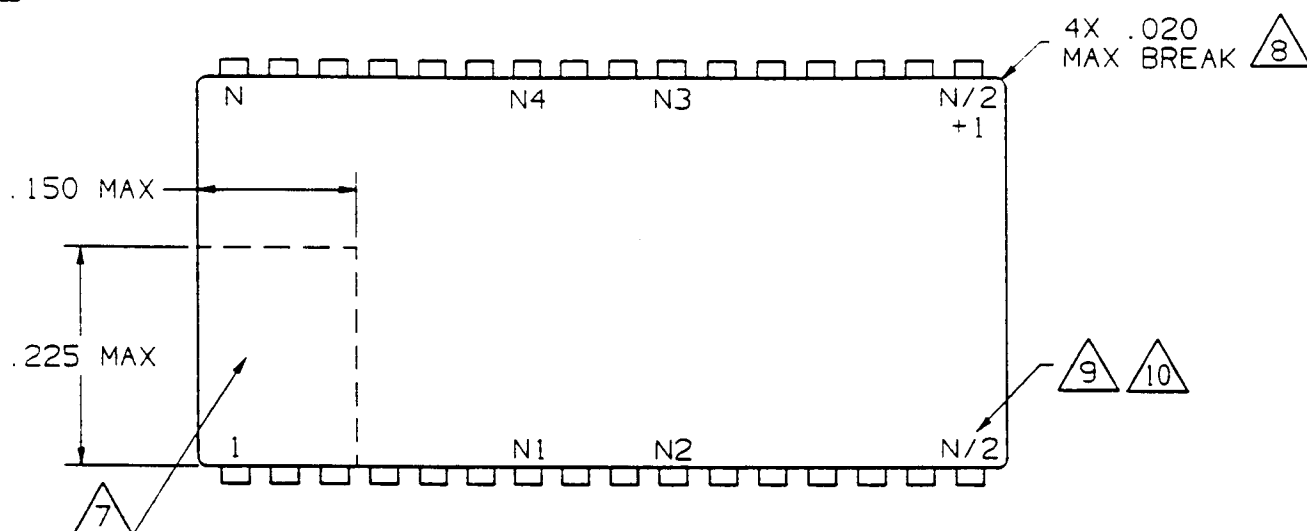


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VIEW B

JEDEC SOLID STATE PRODUCT OUTLINES

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

TITLE
SMALL OUTLINE J-LEAD PACKAGE
FAMILY (SOJ). .400 WIDE BODY

JESD-30 DESIGNATOR

PDSO-J

ISSUE

A

DATE _____

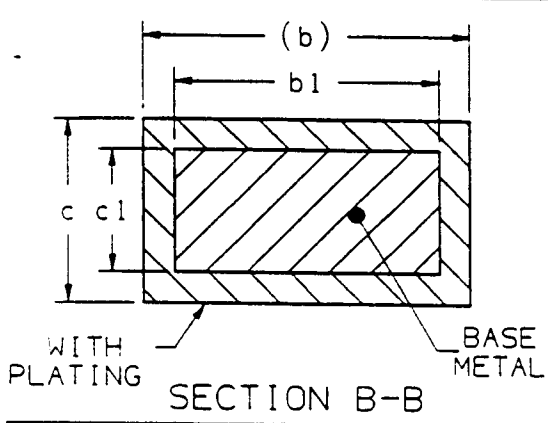
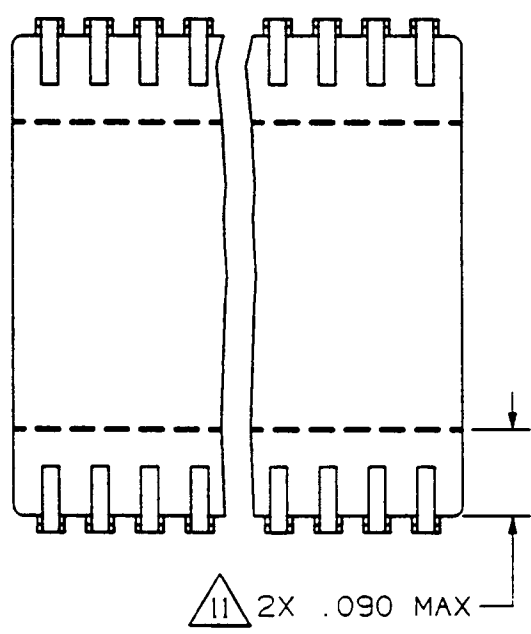
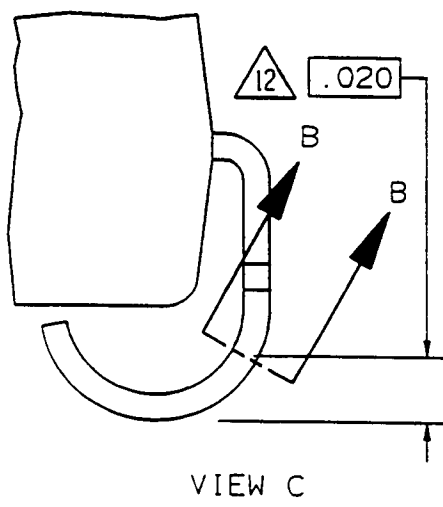
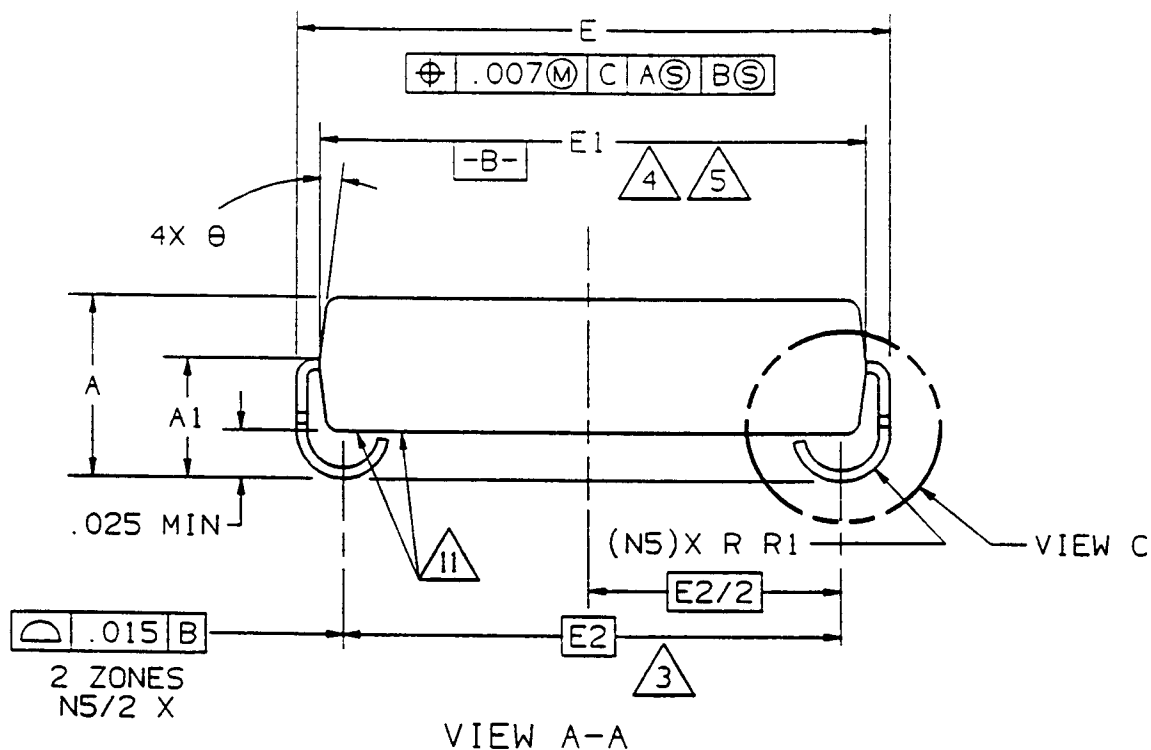
JUNE
94

MS-027

SHEET

1 OF 4

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NOTES:

1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5-1982.

2. ALL DIMENSIONS IN INCHES.

3. TO BE DETERMINED AT THE SEATING PLANE -C-.

4. DIMENSION D DOES NOT INCLUDE MOLD FLASH, TIE BAR BURRS AND GATE BURRS. MOLD FLASH, TIE BAR BURRS AND GATE BURRS SHALL NOT EXCEED .006 PER END. DIMENSION E1 DOES NOT INCLUDE INTERLEAD FLASH. INTERLEAD FLASH SHALL NOT EXCEED .010 PER SIDE.

5. THE PACKAGE TOP MAY BE SMALLER THAN THE PACKAGE BOTTOM. DIMENSIONS D AND E1 AND, HENCE, -A- AND -B-, ARE DETERMINED AT THE OUTERMOST EXTREMES OF THE PLASTIC BODY EXCLUSIVE OF MOLD FLASH, TIE BAR BURRS, GATE BURRS AND INTERLEAD FLASH, BUT INCLUDING ANY MISMATCH BETWEEN THE TOP AND BOTTOM OF THE PLASTIC BODY.

6. DIMENSION b2 DOES NOT INCLUDE DAMBAR PROTRUSION OR INTRUSION. THE DAM BAR PROTRUSION(S) SHALL NOT CAUSE THE SHOULDER WIDTH TO EXCEED b2 MAX BY MORE THAN .005. THE DAM BAR INTRUSION(S) SHALL NOT REDUCE THE SHOULDER WIDTH TO LESS THAN .001 BELOW b2 MIN.

7. DETAILS OF THE PIN 1 INDICATOR, IF PRESENT, ARE OPTIONAL, BUT IT MUST BE LOCATED WITHIN THE ZONE INDICATED.

8. EXACT DESIGN OF THIS FEATURE IS OPTIONAL.

9. N IS THE MAXIMUM NUMBER OF LEADS.

10. FOR LEAD IDENTIFICATION PURPOSES ONLY, LEADS BETWEEN N1 AND N2, AND BETWEEN N3 AND N4 WILL BE OMITTED WHEN VALUES FOR N1, N2, N3, AND N4 ARE LISTED IN THE VARIATION TABLE. N5 IS THE ACTUAL LEAD COUNT.

11. THE DESIGN OF THE PLASTIC BODY IN THIS REGION IS OPTIONAL AND MAY INCLUDE RIDGES, CASTELLATIONS OR OTHER FEATURES TO PROTECT THE LEADS.

12. DISTANCE OF SECTION B-B ABOVE SEATING PLANE.

JEDEC SOLID STATE PRODUCT OUTLINES	TITLE SMALL OUTLINE J-LEAD PACKAGE FAMILY (SOJ). .400 WIDE BODY	ISSUE A	DATE JUNE 95	MS-027	SHEET 3 OF 4
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COMMON DIMENSIONS				
SYMBOL	ALL DIMENSIONS IN INCHES			
	MINIMUM	NOMINAL	MAXIMUM	NOTE
A	.128	.138	.148	3
A1	.082	--	--	
b	.015	--	.020	
b1	.015	--	.018	6
b2	.026	.028	.032	
c	.007	--	.013	
c1	.007	.008	.011	4.5
e		.050 BSC.		
E	.435	.440	.445	
E1	.395	.400	.405	3
E2	--	.370 BSC.	--	
R1	.030	.035	.040	
θ	3°		16°	
NOTE				
REF.	11-404S			
ISSUE	A			

NOTE	4.5			9	10						
VARIATIONS	D			N	N1	N2	N3	N4	N5	ISSUE	REFERENCE
	MINIMUM	NOMINAL	MAXIMUM								
AA	.720	.725	.730	28					28	A	ITEM 11-160
AB	.720	.725	.730	28	6	9	20	23	24	A	ITEM 11-321
AC	.820	.825	.830	32					32	A	ITEM 11-160
AD	.870	.875	.880	34					34	A	ITEM 11-321
AE	.920	.925	.930	36					36	A	ITEM 11-273
AF	1.020	1.025	1.030	40					40	A	ITEM 11-303
AG	1.070	1.075	1.080	42					42	A	ITEM 11-321
AH	1.120	1.125	1.130	44					44	A	ITEM 11-342
JEDEC SOLID STATE PRODUCT OUTLINES				TITLE SMALL OUTLINE J-LEAD PACKAGE FAMILY(SOJ) .400 WIDE BODY			ISSUE A	DATE JUNE 95	MS-027		SHEET 4 OF 4