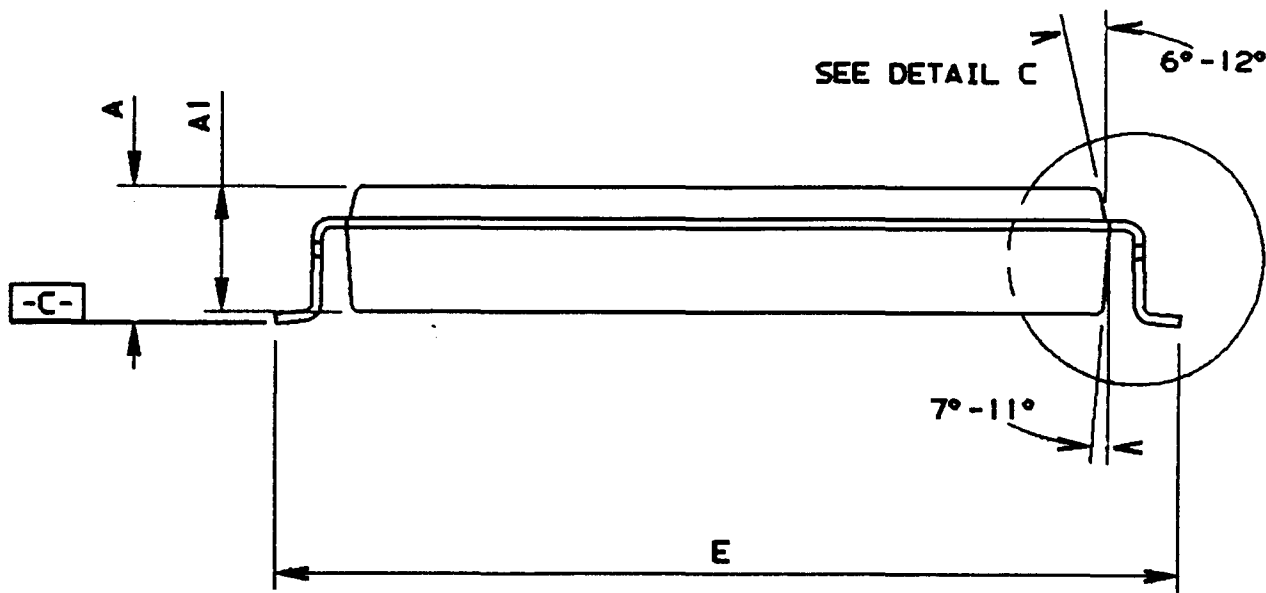
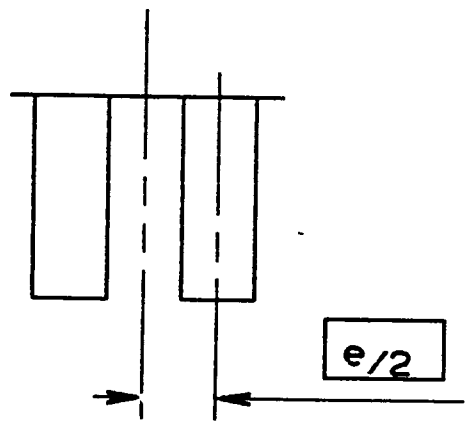


MM



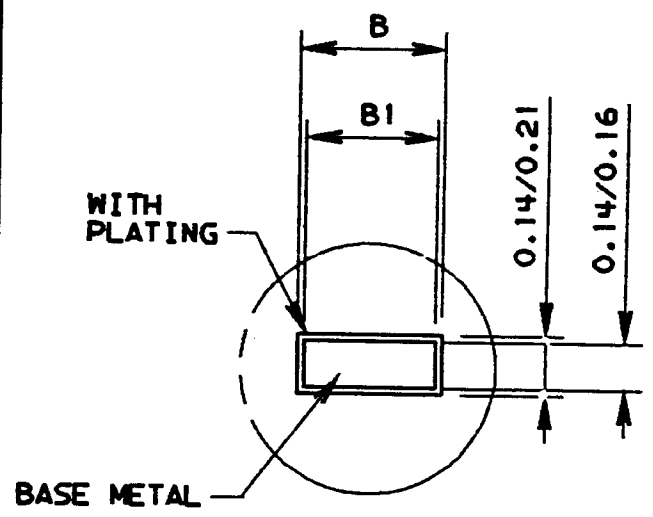
JEDEC SOLID STATE PRODUCT OUTLINES	TITLE SMALL OUTLINE GULL- LEAD, 12MM BODY 0.80MM LEAD SPACING	ISSUE A	DATE 06/90	MO-117	2 OF 4
--	--	------------	---------------	--------	-----------

MM



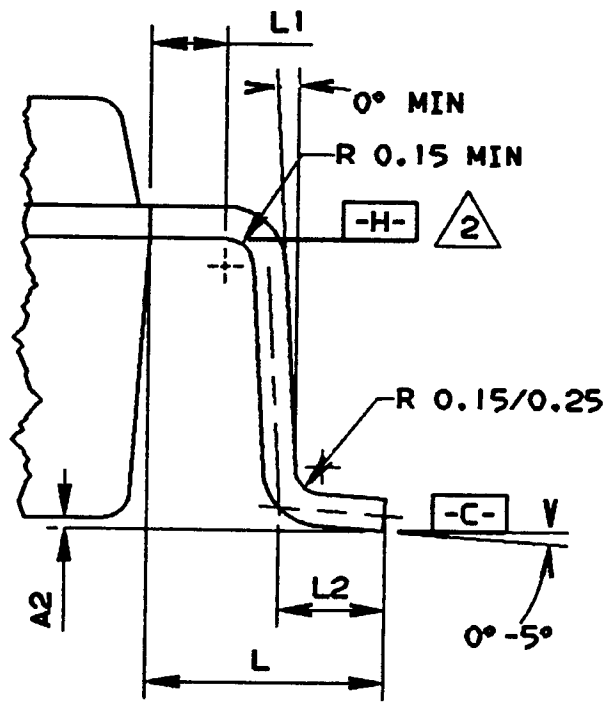
DETAIL A

MM



DETAIL B

MM



DETAIL C

<p>JEDEC SOLID STATE PRODUCT OUTLINES</p>	<p>TITLE SMALL OUTLINE GULL- LEAD, 12MM BODY 0.80MM LEAD SPACING</p>	<p>ISSUE A</p>	<p>DATE 06/90</p>	<p>MO-117</p>	<p>3 OF 4</p>
---	--	--------------------	-----------------------	---------------	-------------------

SYMBOL	VARIATIONS														
	ALL DIMENSIONS IN MILLIMETERS														
	AA			NOTE				NOTE				NOTE			
	MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX
A	1.92		2.38												
A1	1.87	2.00	2.13												
A2	0.05		0.25												
B	0.30		0.45												
B1	0.30		0.40												
D	26.17	26.30	26.43	7											
E	14.00	14.25	14.50	3											
E1	11.90	12.00	12.10	7											
L	1.05	1.12	1.20												
L1	0.25														
L2	0.40	0.50	0.60												
e	0.80 BASIC														
N	64			10											
NOTE	1 5														
REF.	11-289														
ISSUE	A														

NOTES

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

2 DATUM PLANE **-H-** LOCATED AT BOTTOM OF MOLD PARTING LINE AND COINCIDENT WITH BOTTOM OF LEAD, WHERE LEAD EXITS BODY.

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

4 DATUMS **-A-** AND **-B-** TO BE DETERMINED AT DATUM **-H-**.

5 CONTROLLING DIMENSION: MILLIMETER.

6 DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD PROTRUSION. MOLD PROTRUSION SHALL NOT EXCEED 0.15 MM PER SIDE.

7 TO BE DETERMINED AT PLANE **-H-**.

8 DETAILS OF PIN 1 IDENTIFIER ARE OPTIONAL BUT MUST BE LOCATED WITHIN THE ZONE INDICATED.

9 EXACT SHAPE OF THIS FEATURE IS OPTIONAL.

10 N IS THE NUMBER OF LEADS.

JEDEC SOLID STATE PRODUCT OUTLINES	TITLE SMALL OUTLINE GULL- LEAD, 12MM BODY 0.80MM LEAD SPACING	ISSUE A	DATE 06/90	MO-117	4 OF 4
--	--	------------	---------------	--------	-----------