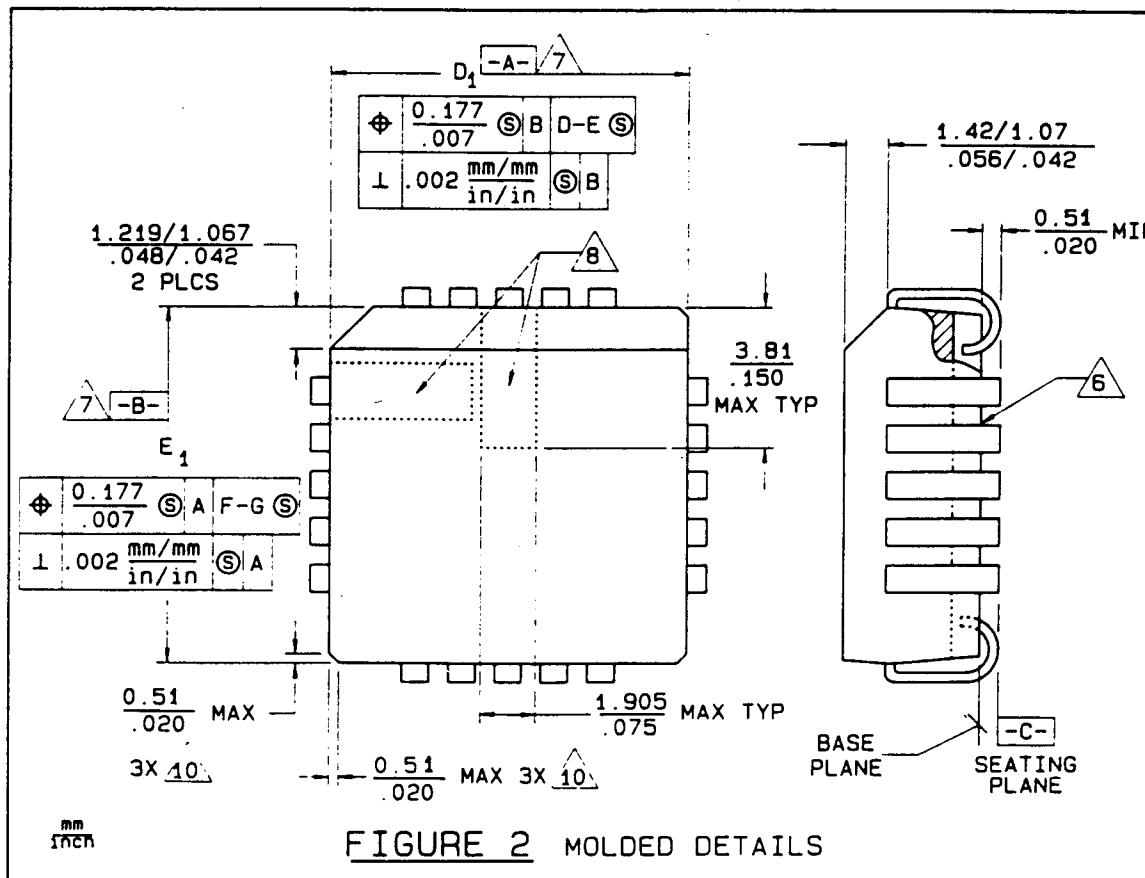
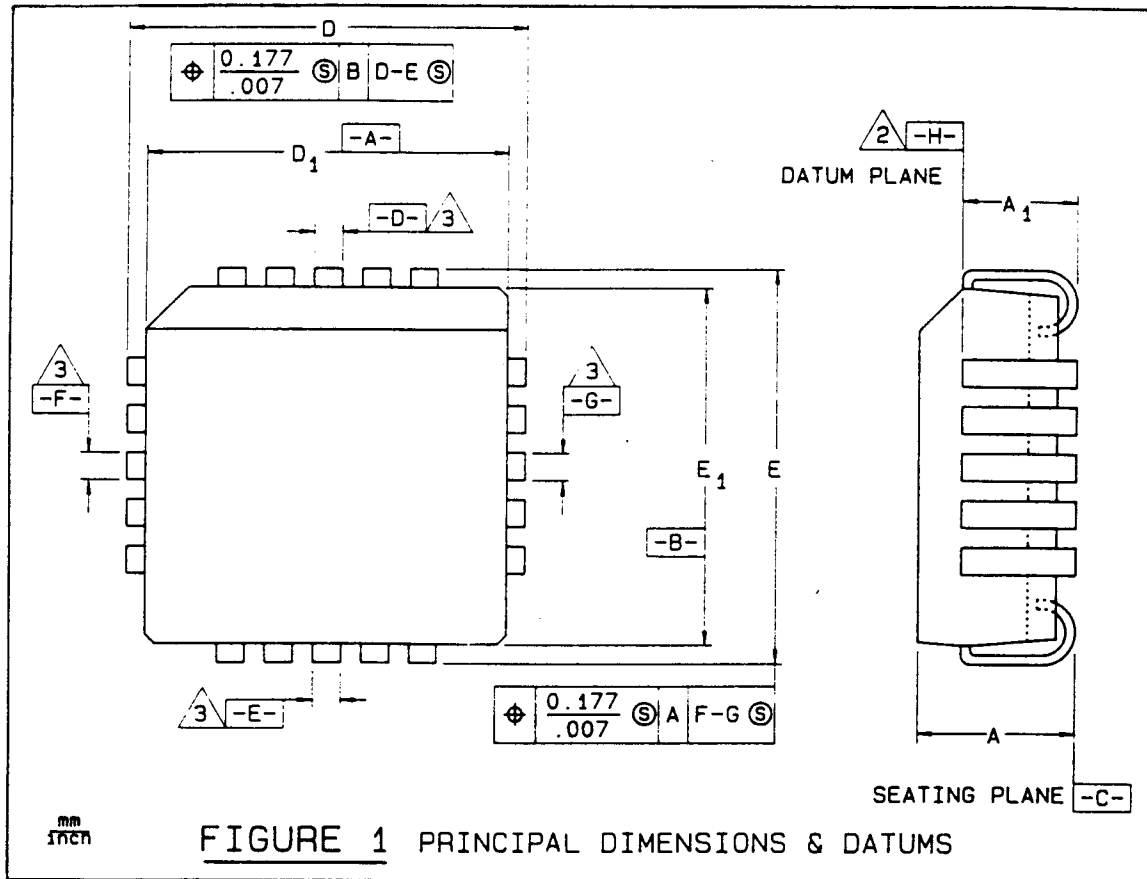


PLASTIC CHIP CARRIER
(PCC) FAMILY

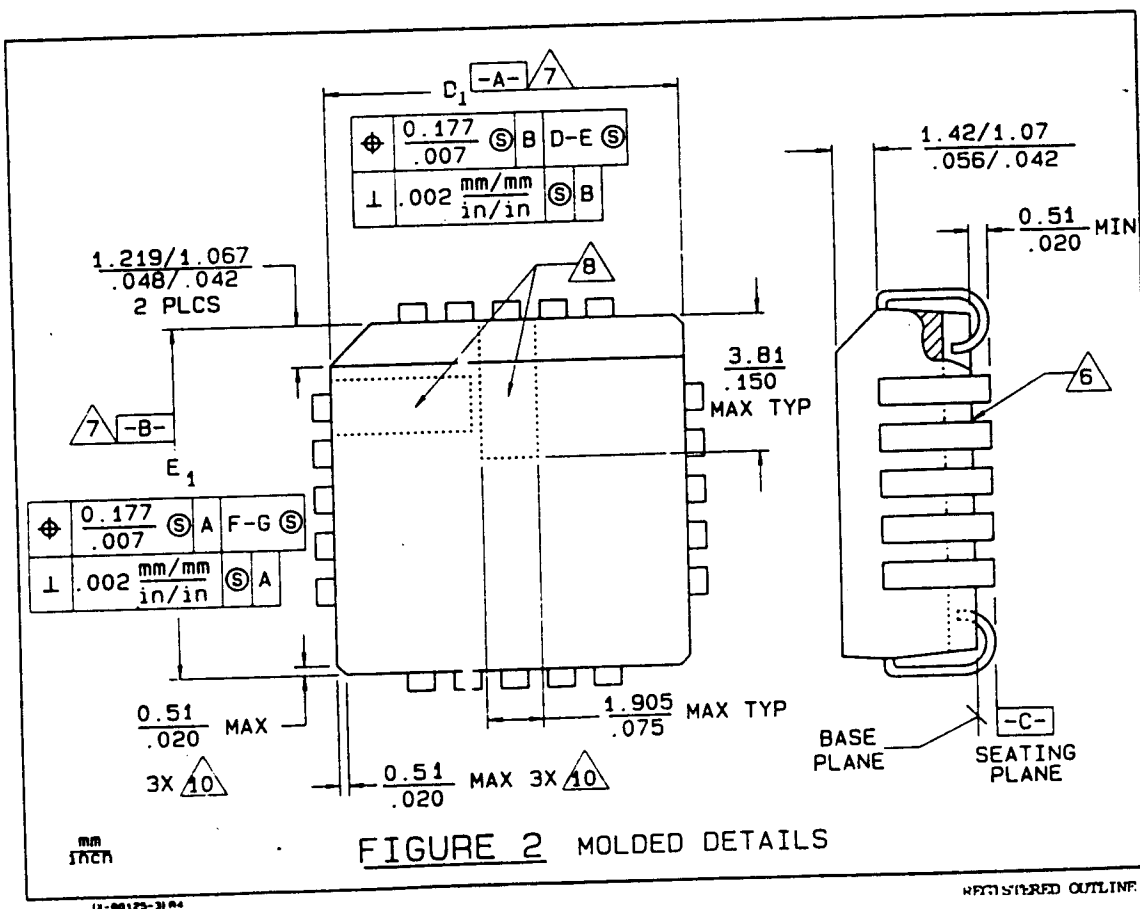
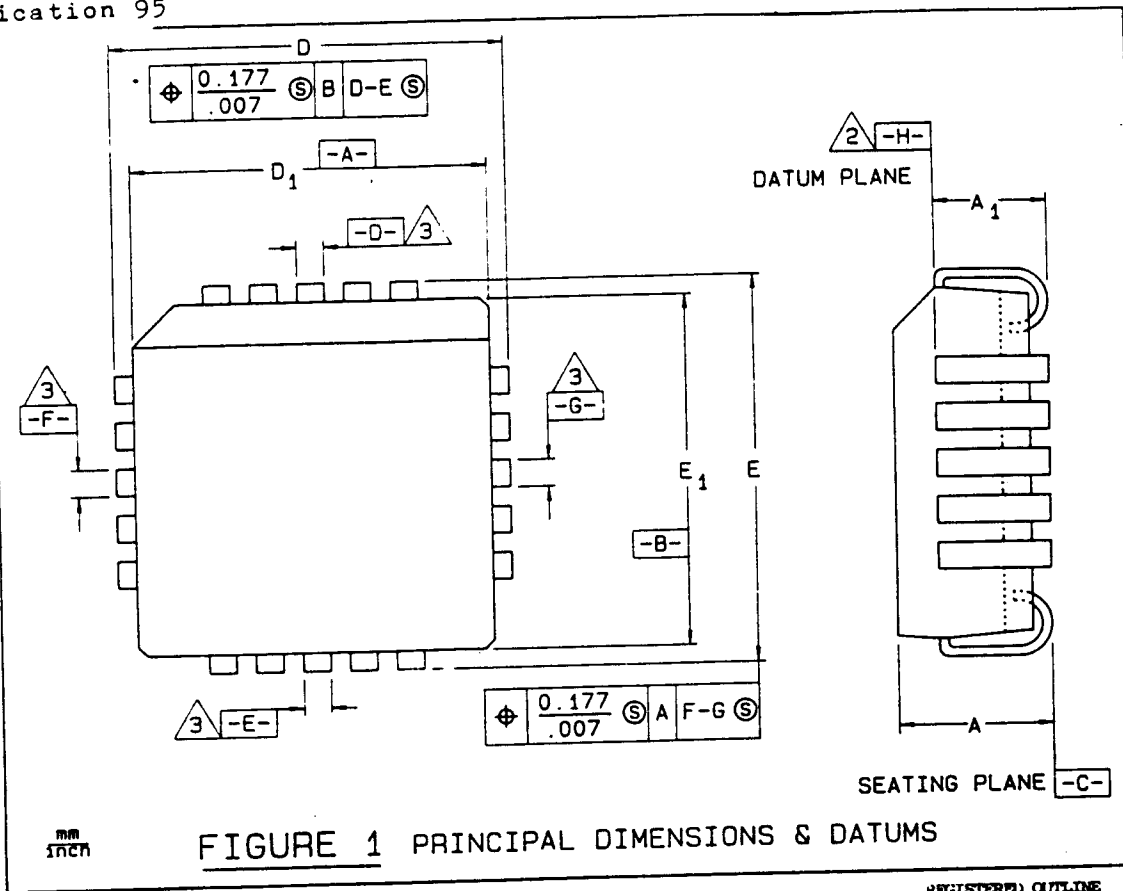
$\frac{1.27 \text{ MM}}{.050 \text{ INCH}}$ LEADSPACING, SQUARE

MO-047AA-AH



SYMBOL	VARIATIONS ALL DIMENSIONS IN INCHES											
	AA		NOTE	AB		NOTE	AC		NOTE	AD		NOTE
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
A	.165	.180		.165	.180		.165	.180		.165	.200	
A ₁	.090	.120		.090	.120		.090	.120		.090	.130	
D	.385	.395		.485	.495		.685	.695		.785	.795	
D ₁	.350	.356	7	.450	.456	7	.650	.656	7	.750	.756	7
D ₂	.290	.330	4	.390	.430	4	.590	.630	4	.690	.730	4
D ₃	.200 REF.			.300 REF.			.500 REF.			.600 REF.		
E	.385	.395		.485	.495		.685	.695		.785	.795	
E ₁	.350	.356		.450	.456		.650	.656		.750	.756	
E ₂	.290	.330		.390	.430		.590	.630		.690	.730	
E ₃	.200 REF.			.300 REF.			.500 REF.			.600 REF.		
N	20			28			44			52		
ØP	.080	.105		.130	.205		.180	.405		.230	.505	
NOTE	1, 2, 3, 5, 6, 8, 9, 10			1, 2, 3, 5, 6, 8, 9, 10			1, 2, 3, 5, 6, 8, 9, 10			1, 2, 3, 5, 6, 8, 9, 10		
REF.	11			11			11			11		
ISSUE	A Oct 1984			A Oct 1984			A Oct 1984			A Oct 1984		
JEDEC SOLID STATE PRODUCT OUTLINES				TITLE PLASTIC CHIP CARRIER (PCC) FAMILY .050 LEADSPACING, SQUARE				ISSUE A	DATE 10/31/84	MO-047 AA-AH		

SYMBOL	VARIATIONS ALL DIMENSIONS IN INCHES												
	AE		NOTE	AF		NOTE	AG		NOTE	AH		NOTE	
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		
A	.165	.200		.165	.200		.165	.200		.165	.200		
A ₁	.090	.130		.090	.130		.090	.130		.090	.130		
D	.985	.995		1.185	1.195		1.385	1.395		1.685	1.695		
D ₁	.950	.958		1.150	1.158		1.350	1.358		1.650	1.658		
D ₂	.890	.930		1.090	1.130		1.290	1.330		1.590	1.630		
D ₃	.800 REF.			1.000 REF.			1.200 REF.			1.500 REF.			
E	.985	.995		1.185	1.195		1.385	1.395		1.685	1.695		
E ₁	.950	.958		1.150	1.158		1.350	1.358		1.650	1.658		
E ₂	.890	.930		1.090	1.130		1.290	1.330		1.590	1.630		
E ₃	.800 REF.			1.000 REF.			1.200 REF.			1.500 REF.			
N	.68			.84			.100			.124			
ØP	.280	.705		.380	.905		.430	1.105		.530	1.405		
NOTE	1, 2, 3, 5, 6, 8, 9, 10			1, 2, 3, 5, 6, 8, 9, 10			1, 2, 3, 5, 6, 8, 9, 10			1, 2, 3, 5, 6, 8, 9, 10			
REF.	1			11			1			11			
ISSUE	A Oct 1984			A Oct 1984			A Oct 1984			A Oct 1984			
JEDEC SOLID STATE PRODUCT OUTLINES				TITLE PLASTIC CHIP CARRIER (PCC) FAMILY .050 LEADSPACING, SQUARE				ISSUE B		DATE 11/88		MO-047 AA-AH	
REGISTERED OUTLINE													



SYMBOL	VARIATIONS												ALL DIMENSIONS IN MILLIMETERS		
	AA		NOTE	AB		NOTE	AC		NOTE	AD		NOTE			
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.				
A	4.20	4.57		4.20	4.57		4.20	4.57		4.20	5.08				
A ₁	2.29	3.04		2.29	3.04		2.29	3.04		2.29	3.30				
D	9.78	10.03		12.32	12.57		17.40	17.65		19.94	20.19				
D ₁	8.890	9.042	7	11.430	11.582	7	16.510	16.662	7	19.050	19.202	7			
D ₂	7.37	8.38	4	9.91	10.92	4	14.99	16.00	4	17.53	18.54	4			
D ₃	5.08	BSC		7.62	BSC		12.70	BSC		15.24	BSC				
E	9.78	10.03		12.32	12.57		17.40	17.65		19.94	20.19				
E ₁	8.890	9.042	7	11.430	11.582	7	16.510	16.662	7	19.050	19.202	7			
E ₂	7.37	8.38	4	9.91	10.92	4	14.99	16.00	4	17.53	18.54	4			
E ₃	5.08	BSC		7.62	BSC		12.70	BSC		15.24	BSC				
N		20			28			44			52				
ØP	2.04	2.66		3.31	5.20		4.6	10.2		5.90	12.8				
NOTE	1, 2, 3, 5, 6, 8, 9, 10, 11			1, 2, 3, 5, 6, 8, 9, 10, 11			1, 2, 3, 5, 6, 8, 9, 10, 11			1, 2, 3, 5, 6, 8, 9, 10, 11					
REF.	11			11			11			11					
ISSUE	A Oct 1984			A Oct 1984			A Oct 1984			A Oct 1984					
JEDEC SOLID STATE PRODUCT OUTLINES			TITLE PLASTIC CHIP CARRIER (PCC) FAMILY 1.27 LEADSPACING SQUARE				ISSUE A		DATE 10/31/84		MO-047 AA-AH				

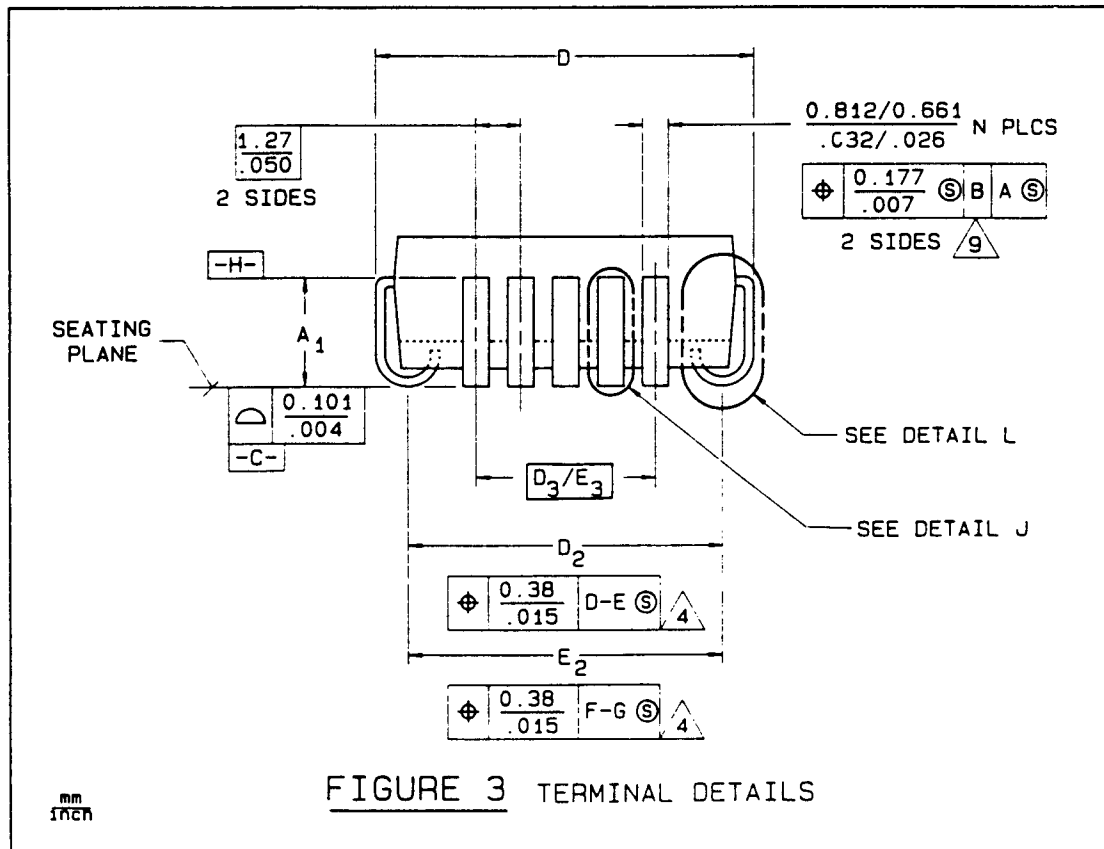
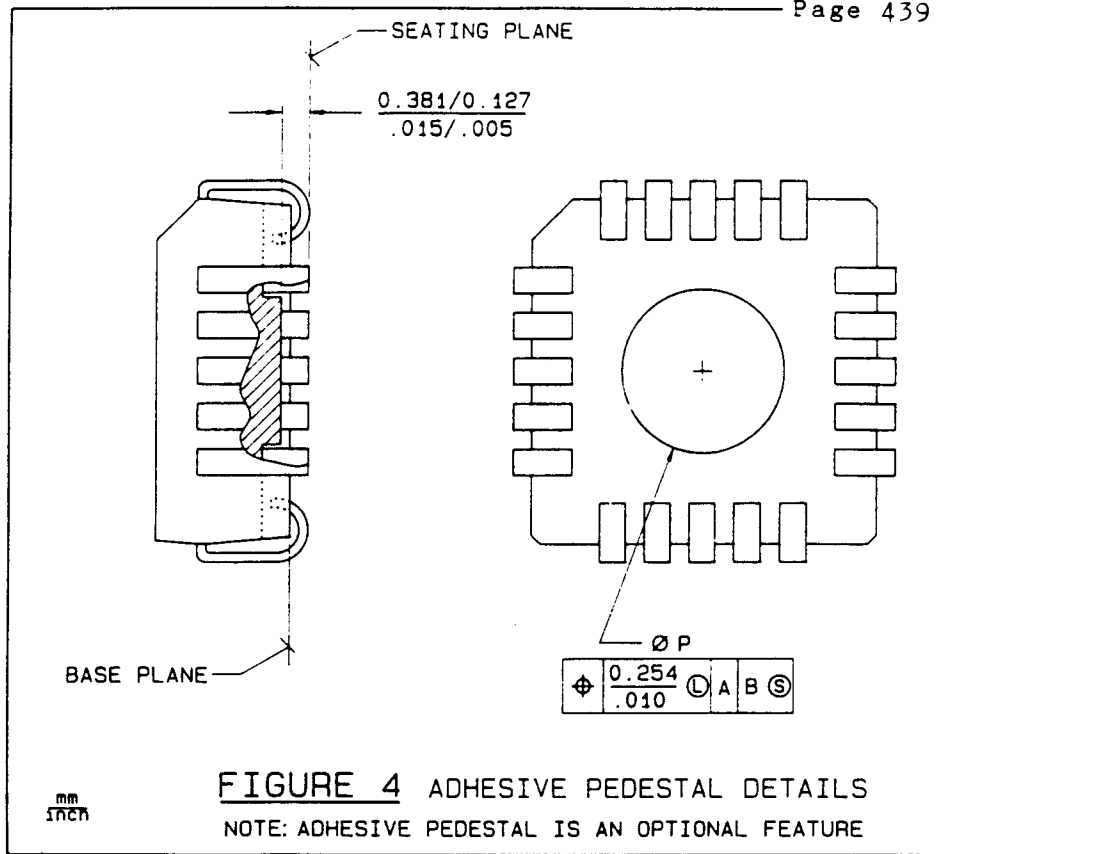
SYMBOL	VARIATIONS												ALL DIMENSIONS IN MILLIMETERS					
	AE		NOTE	AF		NOTE	AG		NOTE	AH		NOTE						
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.							
A	4.20	5.08		4.20	5.08		4.20	5.08		4.20	5.08							
A ₁	2.29	3.30		2.29	3.30		2.29	3.30		2.29	3.30							
C	25.02	25.27		30.10	30.35		35.18	35.43		42.80	43.05							
D ₁	24.130	24.330	7	29.210	29.413	7	34.290	34.493	7	41.910	42.113	7						
D ₂	22.61	23.62	4	27.69	28.70	4	32.77	33.78	4	40.39	41.40	4						
D ₃	20.32	BSC		25.40	BSC		30.48	BSC		38.10	BSC							
E	25.02	25.27		30.10	30.35		35.18	35.43		42.80	43.05							
E ₁	24.130	24.333	7	29.210	29.413	7	34.290	34.493	7	41.910	42.113	7						
E ₂	22.61	23.62	4	27.69	28.70	4	32.77	33.78	4	40.39	41.40	4						
E ₃	20.32	BSC		25.40	BSC		30.48	BSC		38.10	BSC							
N	68			84			100			124								
ØP	7.2	17.9		9.7	22.9		11.0	28.0		13.5	35.6							
NOTE	1, 2, 3, 5, 6, 8, 9, 10, 11			1, 2, 3, 5, 6, 8, 9, 10, 11			1, 2, 3, 5, 6, 8, 9, 10, 11			1, 2, 3, 5, 6, 8, 9, 10, 11								
REF.	11			11			11			11								
ISSUE	A Oct 1984			A Oct 1984			A Oct 1984			A Oct 1984								
JEDEC SOLID STATE PRODUCT OUTLINES			TITLE PLASTIC CHIP CARRIER (PCC) FAMILY 1.27 LEADSPACING, SQUARE				ISSUE B		DATE 11/88		MO-047 AA-AH REGISTERED OUTLINE							

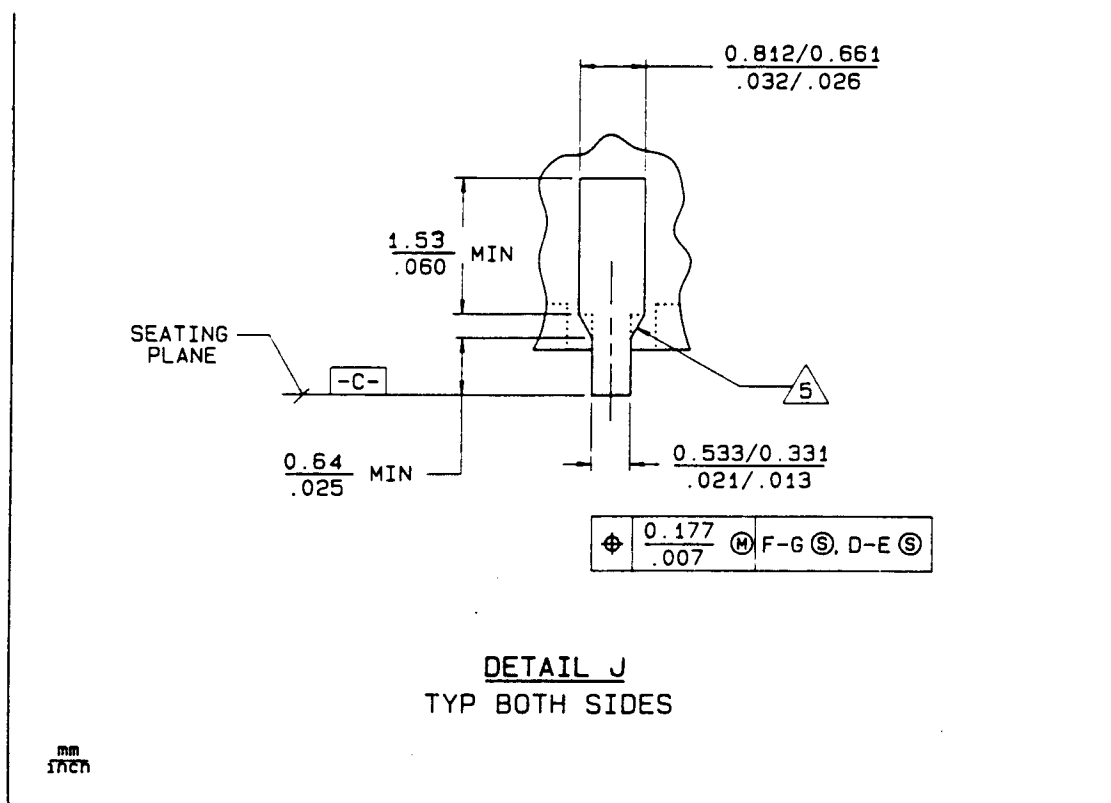
NOTES:

- 1 ALL DIMENSIONS AND TOLERANCES CONFORM TO ANSI Y14.5M-1982.
- 2 DATUM PLANE **-H-** LOCATED AT TOP OF MOLD PARTING LINE AND COINCIDENT WITH TOP OF LEAD, WHERE LEAD EXITS PLASTIC BODY.
- 3 DATUMS **D-E** AND **F-G** TO BE DETERMINED WHERE CENTER LEADS EXIT PLASTIC BODY AT DATUM PLANE **-H-**.
- 4 TO BE DETERMINED AT SEATING PLANE **-C-**.
- 5 TRANSITION IS OPTIONAL.
- 6 PLASTIC BODY DETAILS BETWEEN LEADS ARE OPTIONAL.
- 7 DIMENSIONS D_1 AND E_1 DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE MOLD PROTRUSION IS .254mm/.010in.
- 8 DETAILS OF PIN 1 IDENTIFIER ARE OPTIONAL BUT MUST BE LOCATED WITHIN ONE OF THE TWO ZONES INDICATED.
- 9 LOCATION TO DATUMS **-A-** AND **-B-** TO BE DETERMINED AT PLANE **-H-**.
- 10 EXACT SHAPE OF THIS FEATURE IS OPTIONAL.
- 11 THESE TWO DIMENSIONS DETERMINE MAXIMUM ANGLE OF THE LEAD FOR CERTAIN SOCKET APPLICATIONS. IF UNIT IS INTENDED TO BE SOCKETED, IT IS ADVISABLE TO REVIEW THESE DIMENSIONS WITH THE SOCKET SUPPLIER.
- 12 CONTROLLING DIMENSION: INCH.
- 13 TOP POINT OF MEASUREMENT IS DATUM **-H-**; BOTTOM POINT OF MEASUREMENT IS AT MAJOR FLAT AREA OF LOWER PLASTIC SURFACE (SOCKET SEATING PLANE).
- 14 LEAD END POCKETS SHOWN ARE OPTIONAL.
- 15 SURFACE OF OPTIONAL PEDESTAL SHALL NOT BE CONSIDERED AS A MAJOR FLAT AREA.

MO-047

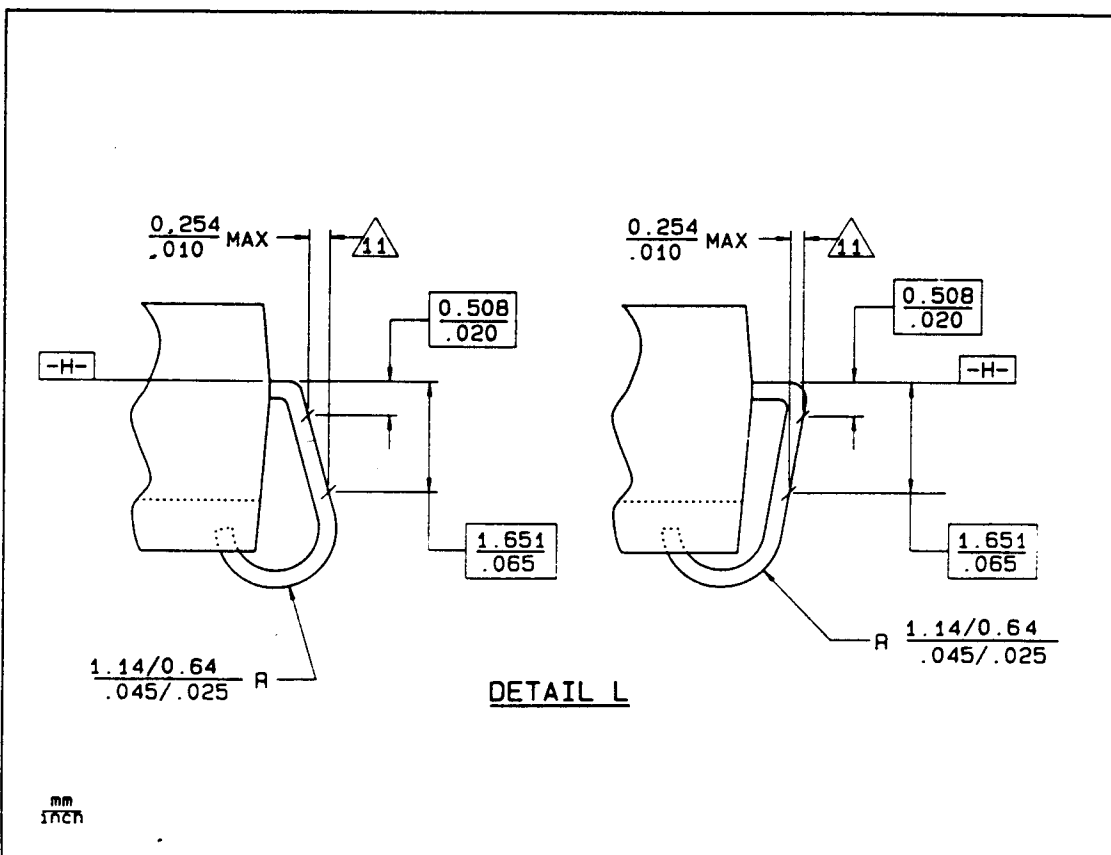
Issue B





1X-00125-SI R3

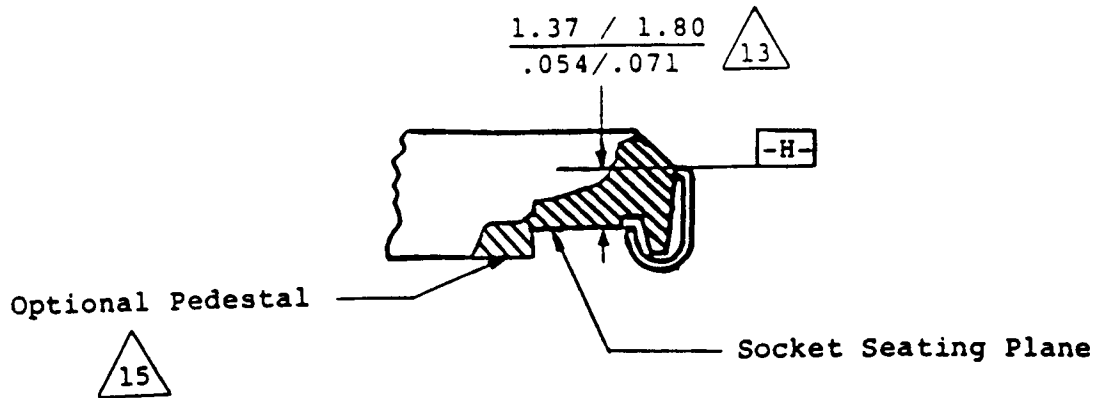
REGISTERED OUTLINE



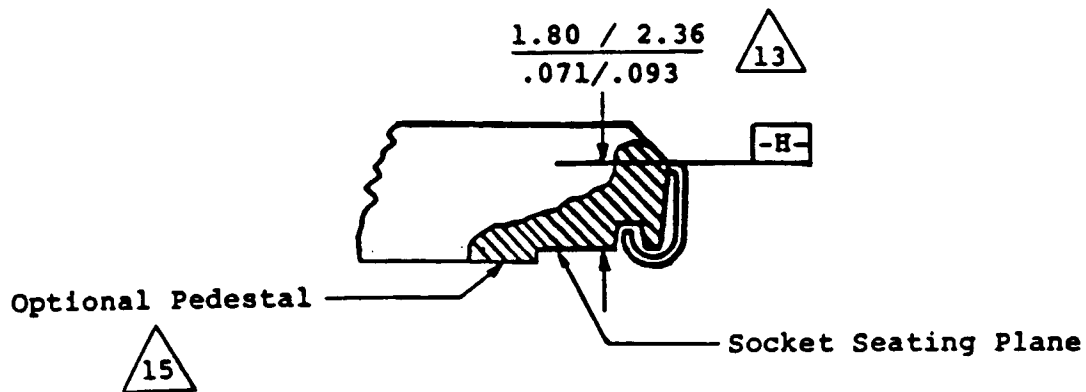
1X-00125-SI R3

REGISTERED OUTLINE

TYPE "A"



TYPE "B"



DETAIL "T"

TYPE VARIATIONS

<p>JEDEC SOLID STATE PRODUCT OUTLINE</p>	<p>TITLE: PCC .050 leadspacing Square</p>	<p>ISSUE B</p>	<p>DATE 11/88</p>	<p>MO-047</p>
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