PLASTIC CHIP CARRIER

(PCC) FAMILY

1.27 MM / .050 INCH LEADSPACING, SQUARE

MO-047AA-AH

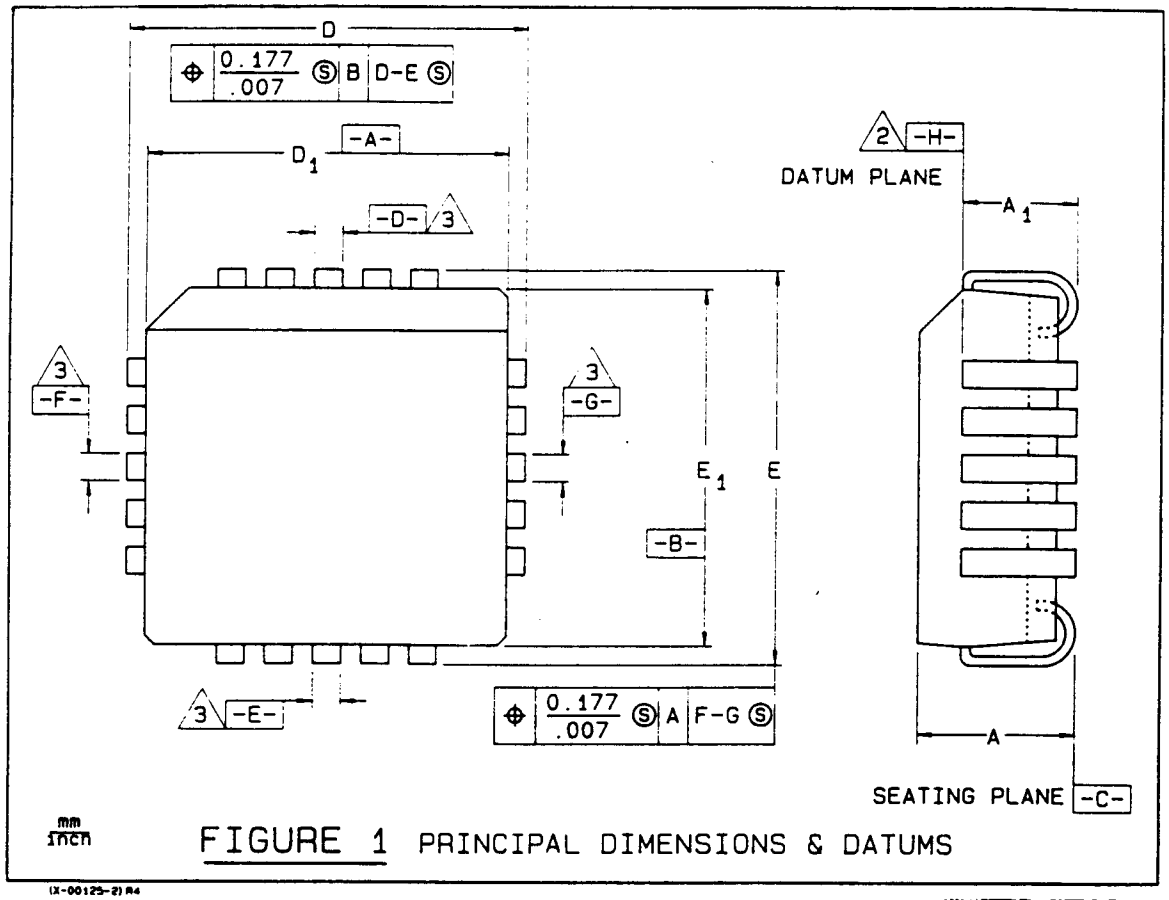


FIGURE 1 PRINCIPAL DIMENSIONS & DATUMS

REGISTERED OUTLINE

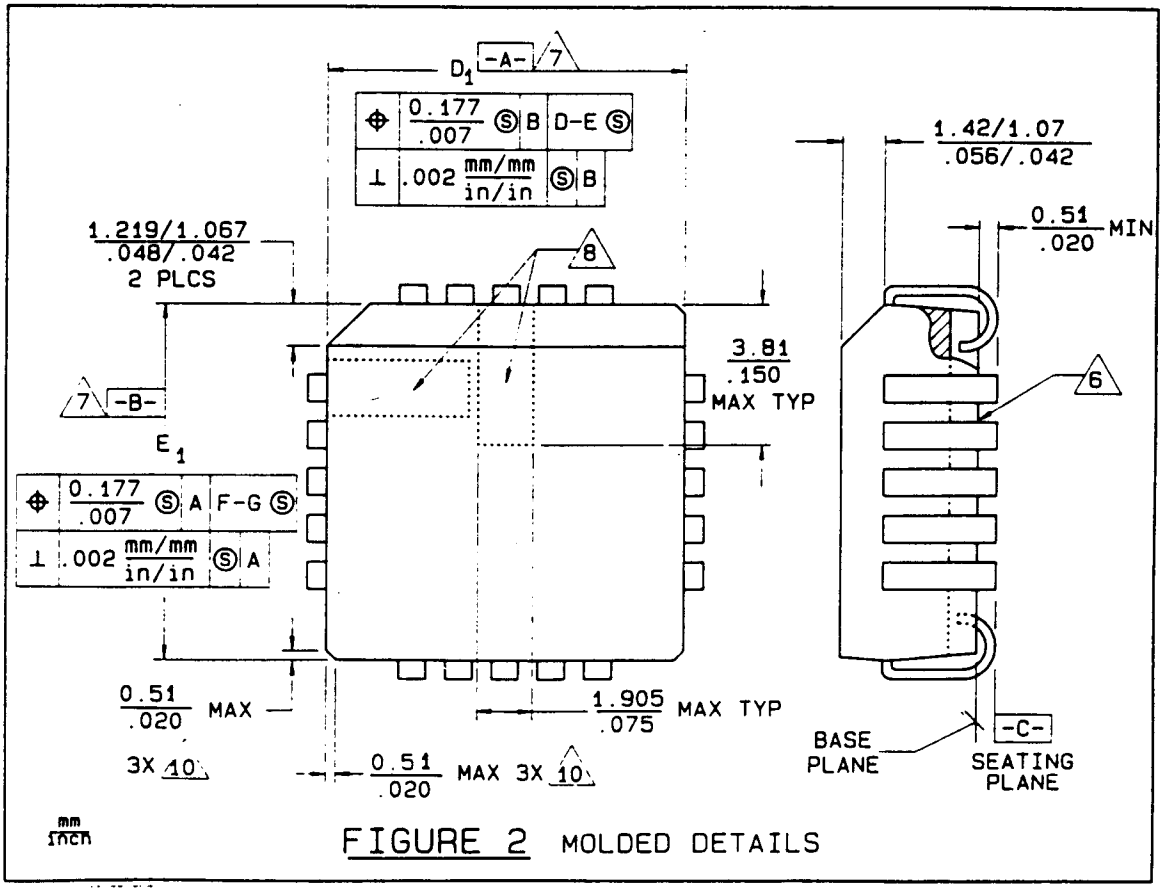


FIGURE 2 MOLDED DETAILS

VARIATIONS ALL DIMENSIONS IN INCHES

SYMBOL	AA MIN.	AA MAX.	NOTE	AB MIN.	AB MAX.	NOTE	AC MIN.	AC MAX.	NOTE	AD MIN.	AD MAX.	NOTE
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	DATE	MO-047 AA-AH
		A	10/31/84	

VARIATIONS ALL DIMENSIONS IN INCHES

SYMBOL	AE MIN.	AE MAX.	NOTE	AF MIN.	AF MAX.	NOTE	AG MIN.	AG MAX.	NOTE	AH MIN.	AH MAX.	NOTE
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.	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	DATE	MO-047 AA-AH
		B	11/88	REGISTERED OUTLINE

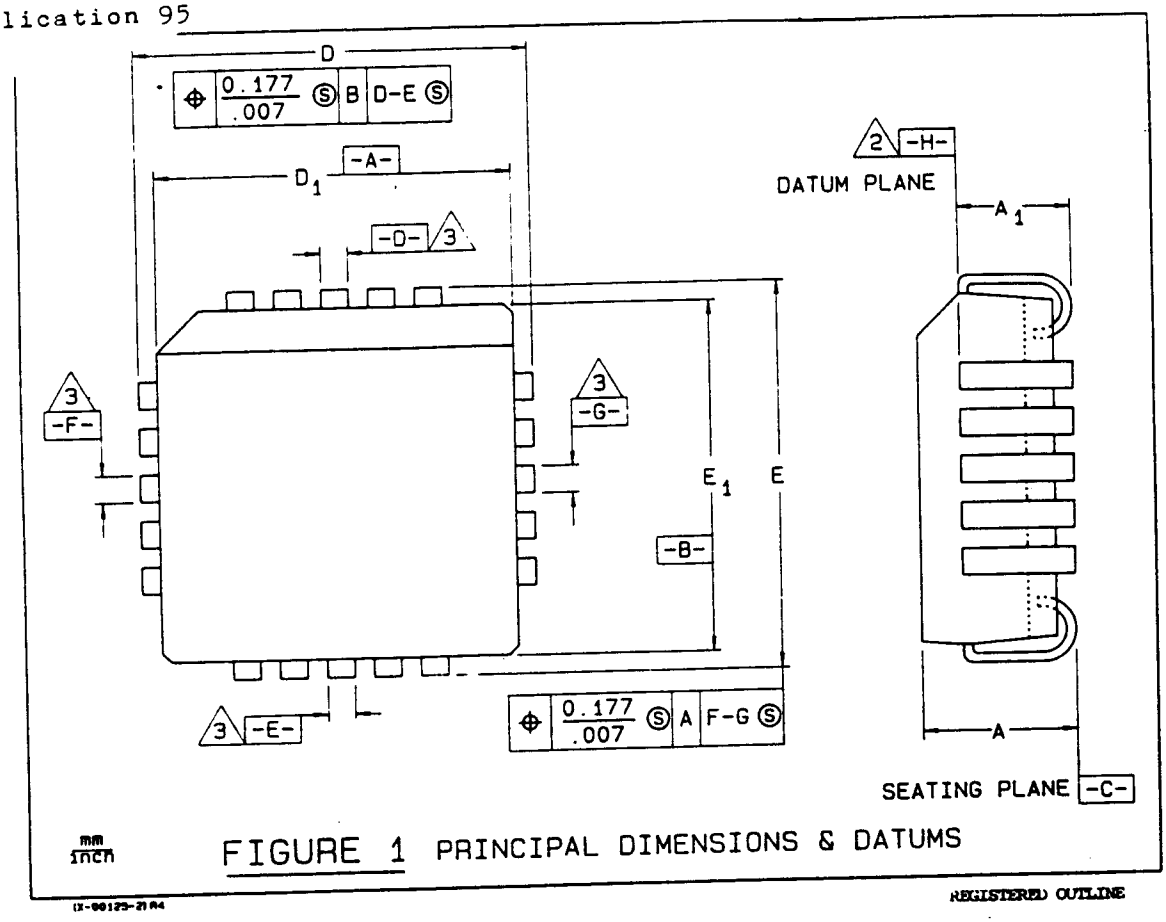


FIGURE 1 PRINCIPAL DIMENSIONS & DATUMS

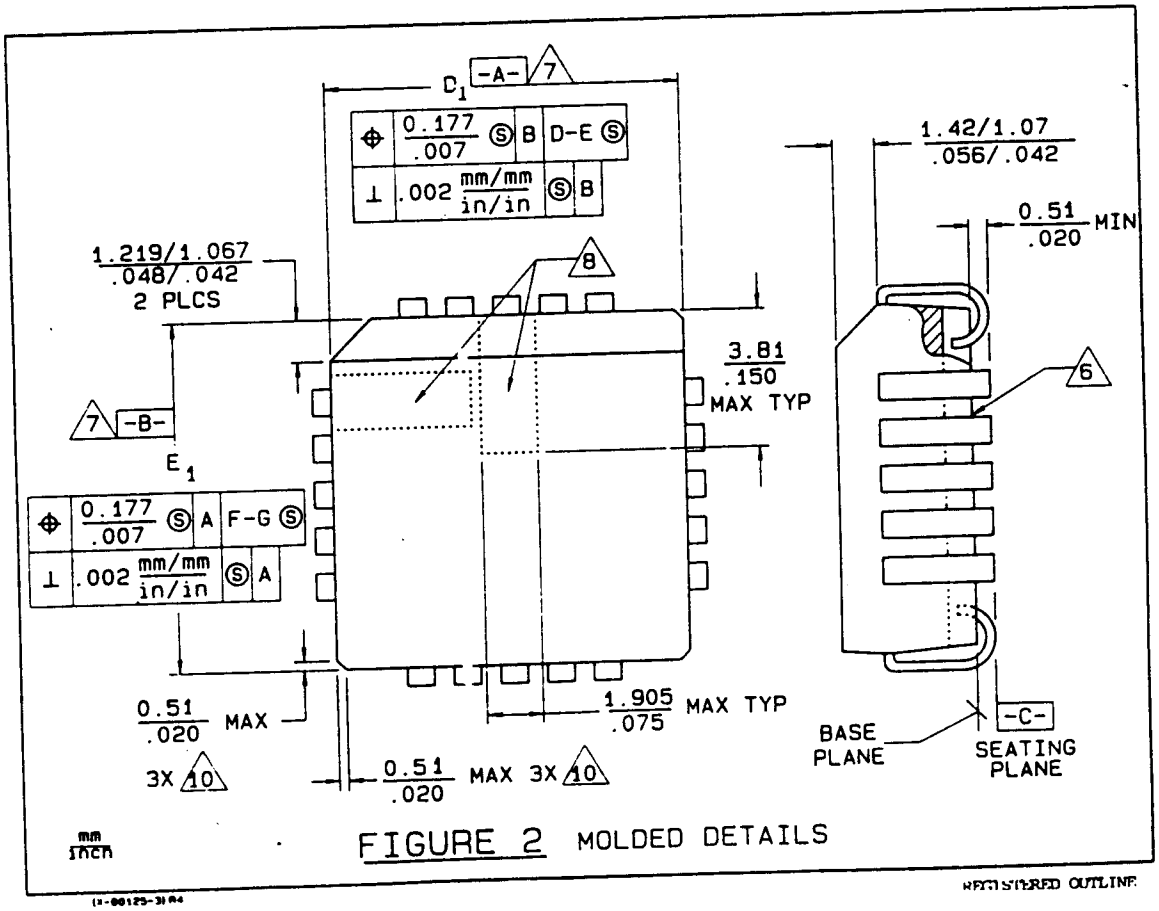


FIGURE 2 MOLDED DETAILS

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,			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 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,			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 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.

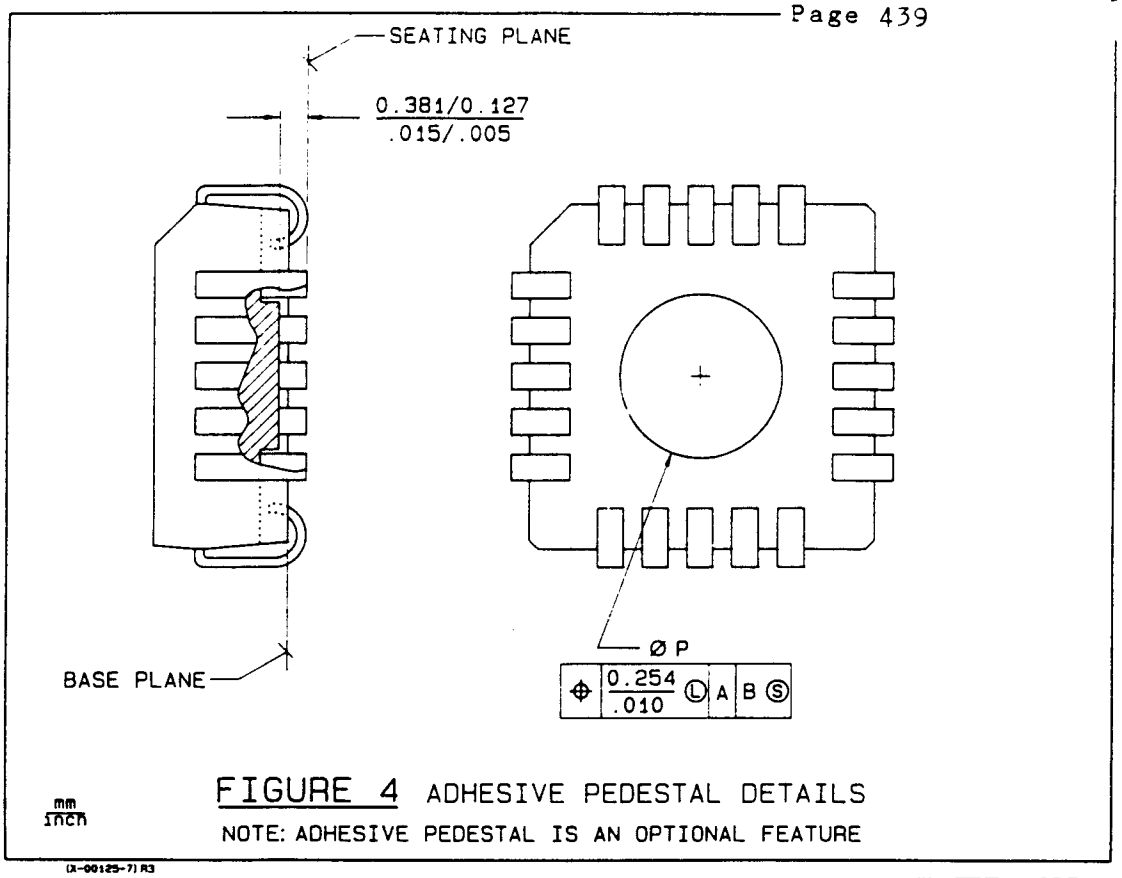
12. *CONTROLLING DIMENSION, INCH.*

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



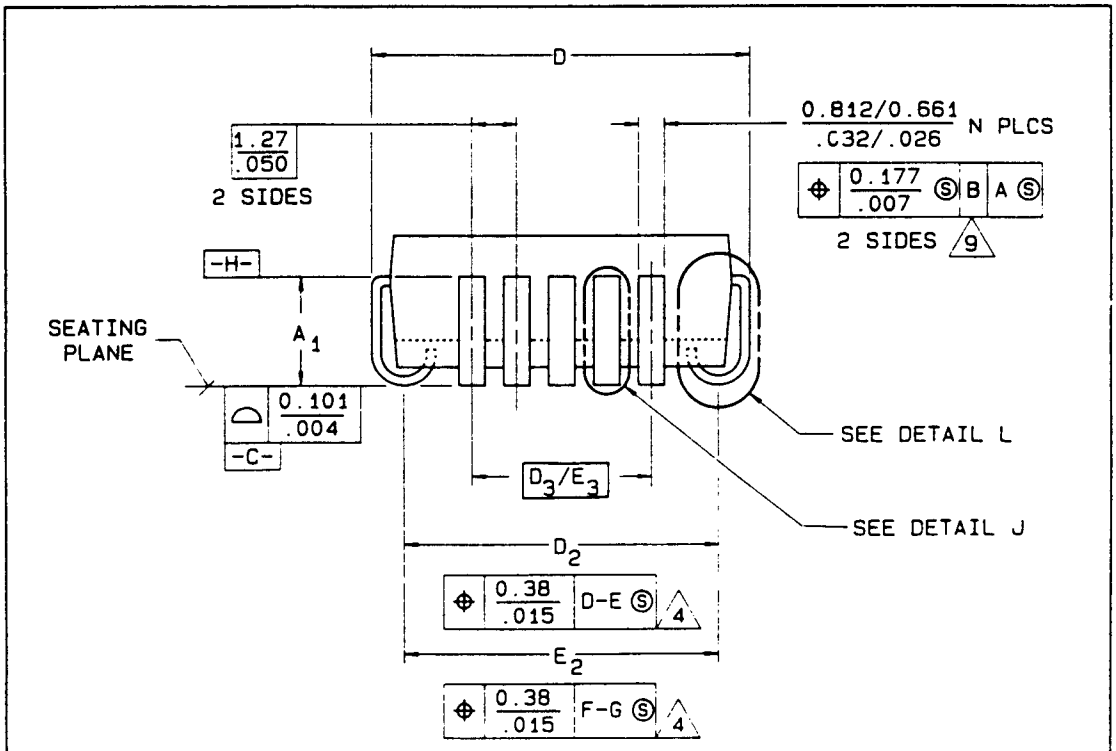
mm
inch

FIGURE 4 ADHESIVE PEDESTAL DETAILS

NOTE: ADHESIVE PEDESTAL IS AN OPTIONAL FEATURE

(X-00125-7) R3

REGISTERED OUTLINE

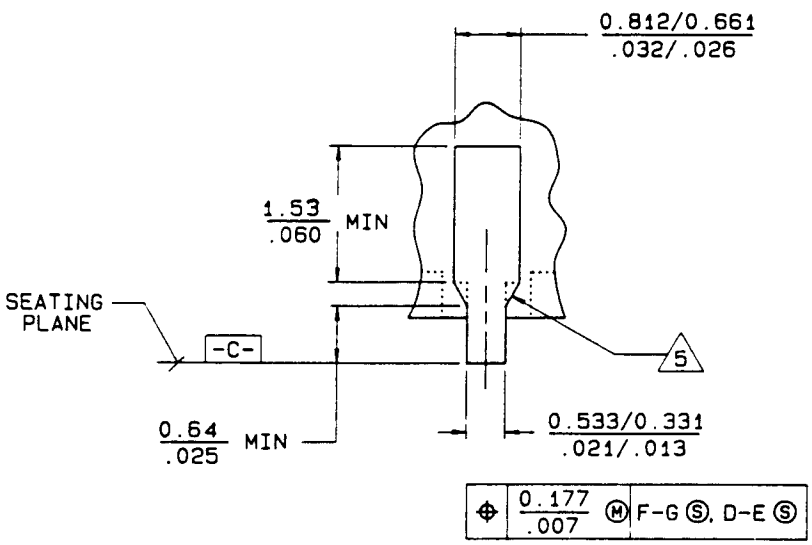


mm
inch

FIGURE 3 TERMINAL DETAILS

(X-00125-4) R4

REGISTERED OUTLINE

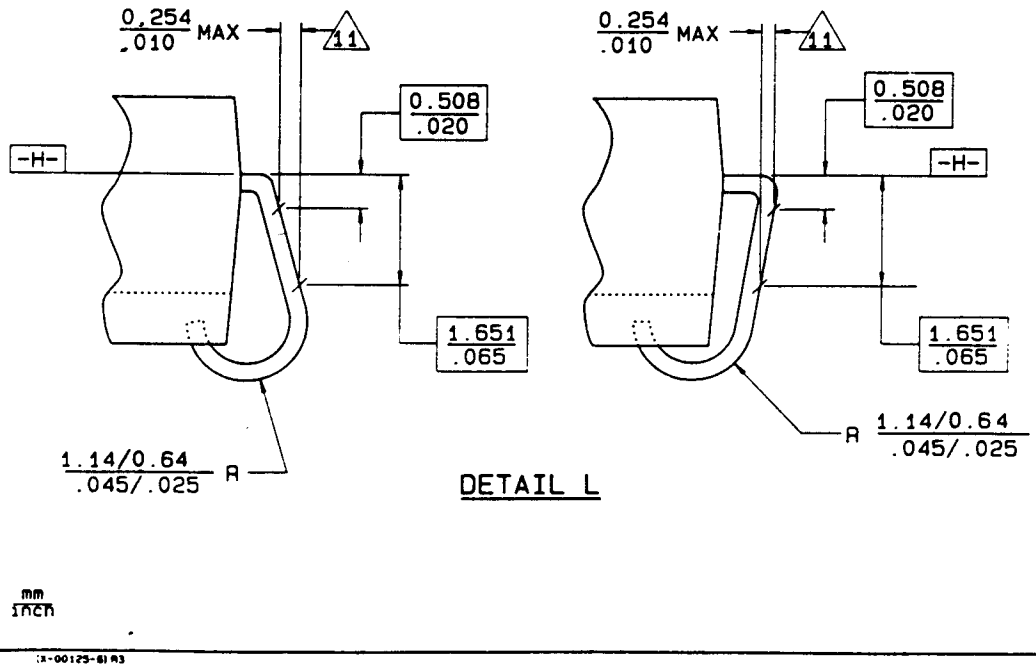


DETAIL J
TYP BOTH SIDES

mm
inch

(1-00125-5) R3

REGISTERED OUTLINE



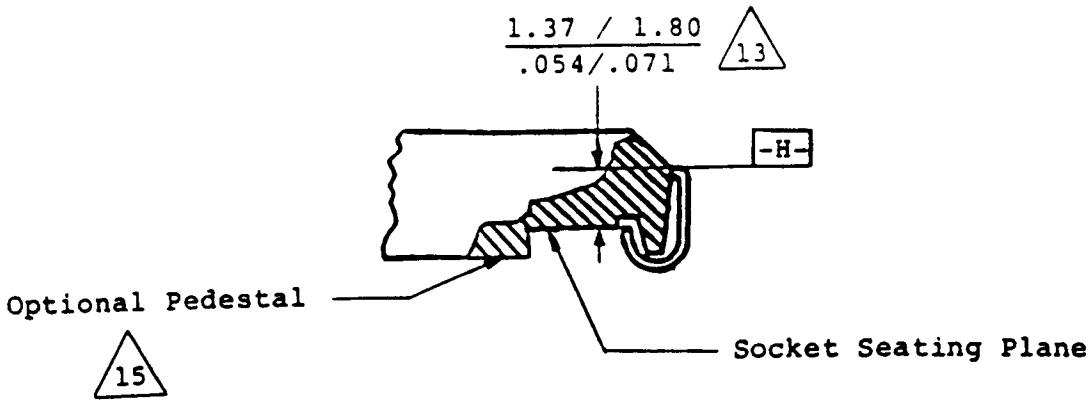
DETAIL L

mm
inch

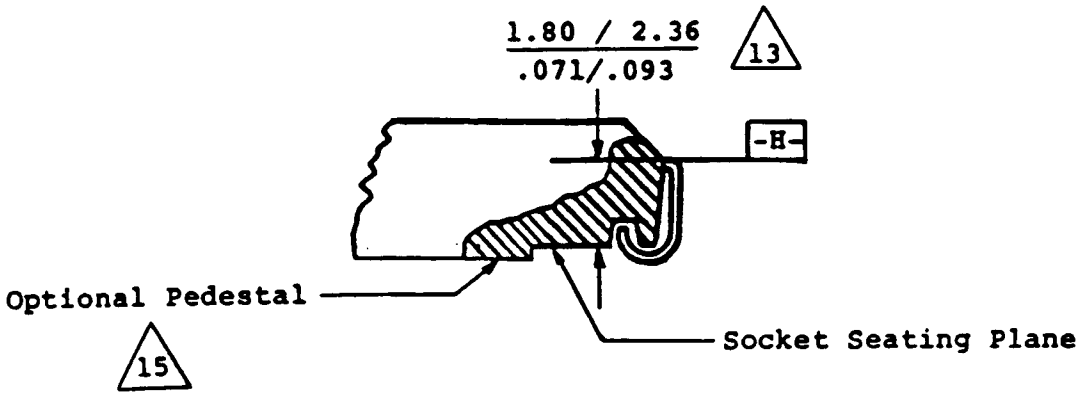
(1-00125-6) R3

REGISTERED OUTLINE

TYPE "A"



TYPE "B"



DETAIL "T"

TYPE VARIATIONS

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