

MO-086
LOW PROFILE
PLASTIC QUAD FLAT
PACK FAMILY
.025 LEAD SPACING
(GULLWING)

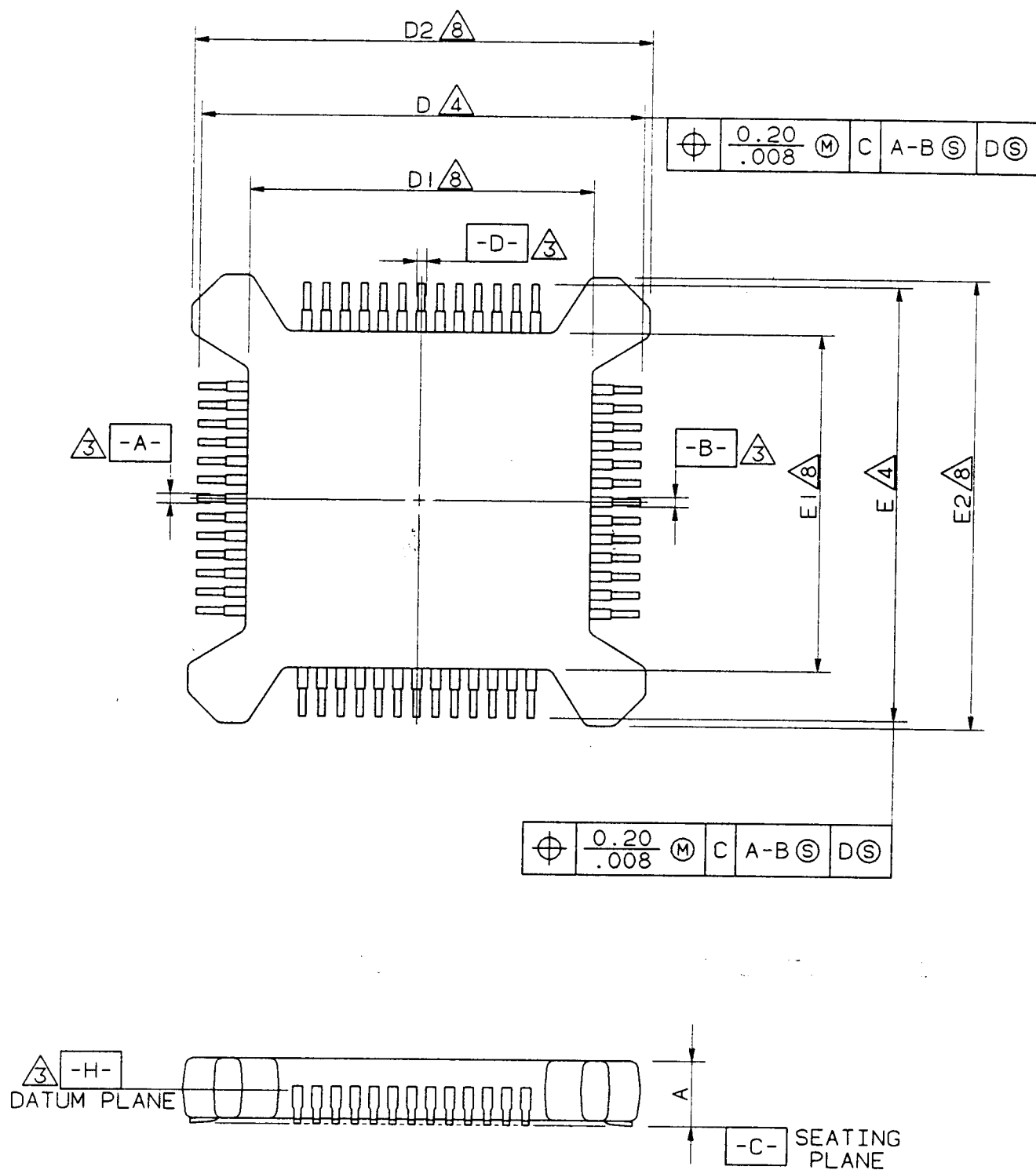


FIGURE 1 PRINCIPAL DIMENSIONS AND DATUMS

$\frac{\text{mm}}{\text{inch}}$

JEDEC SOLID STATE PRODUCT OUTLINES	TITLE LOW PROFILE PLASTIC QUAD FLAT PACK FAMILY .025 LEAD SPACING (GULLWING)	ISSUE B	DATE 6/90	MO-086	SHEET 1 OF 6
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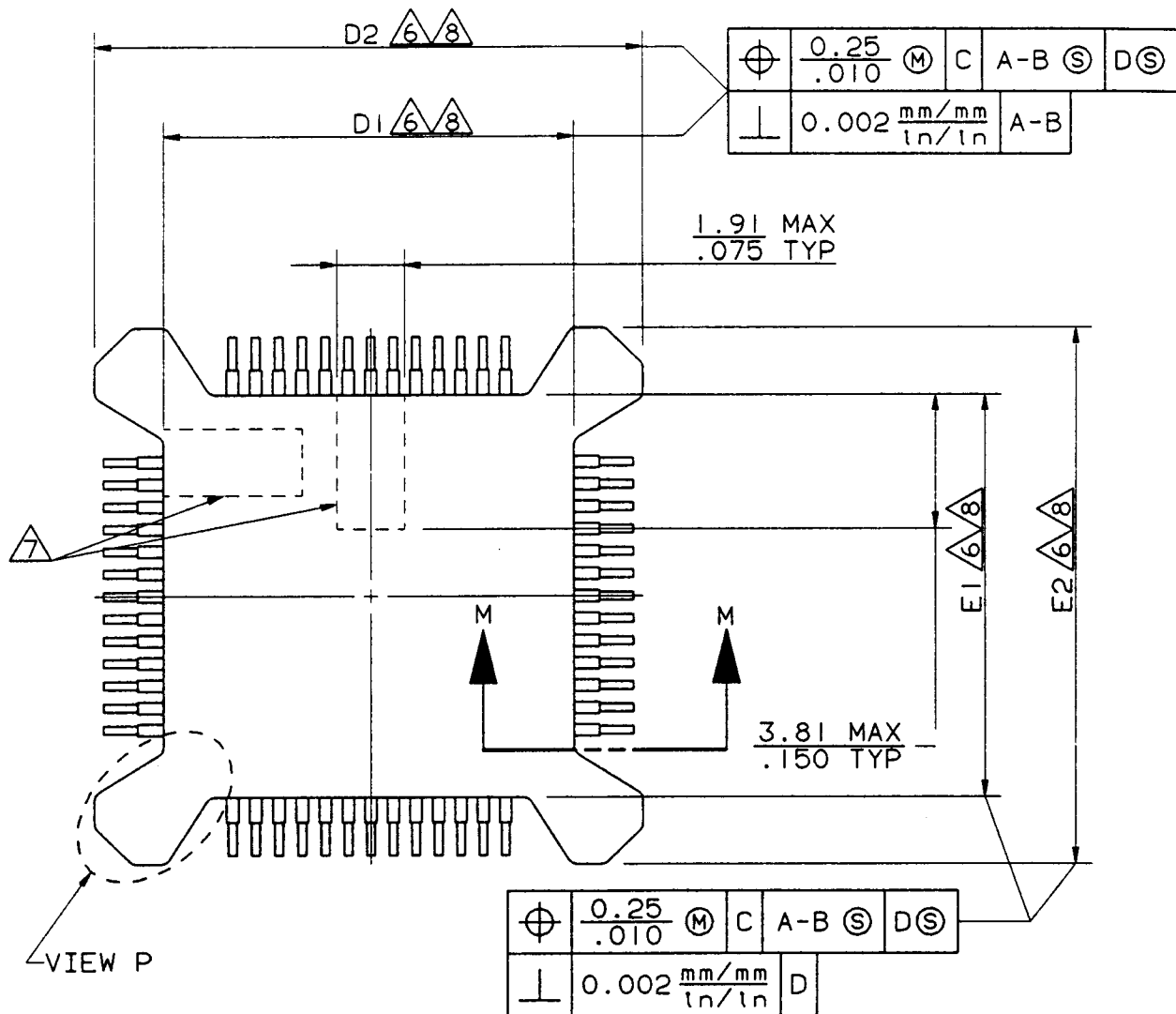


FIGURE 2 MOLDED DETAILS

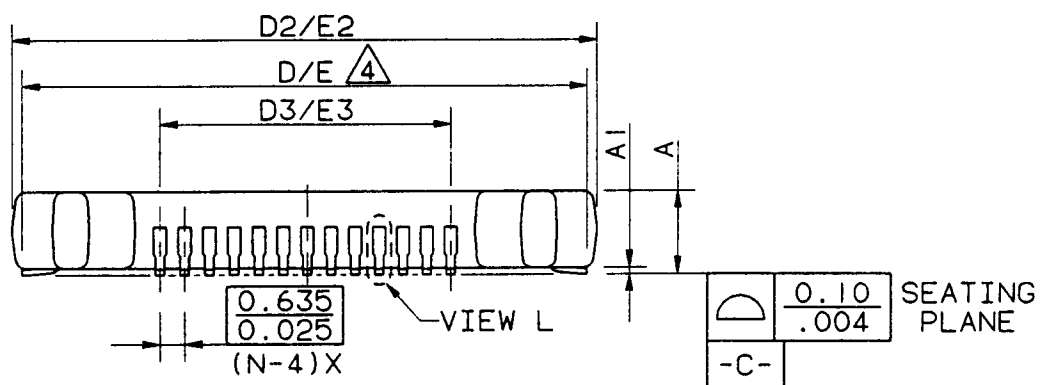


FIGURE 3 TERMINAL DETAILS

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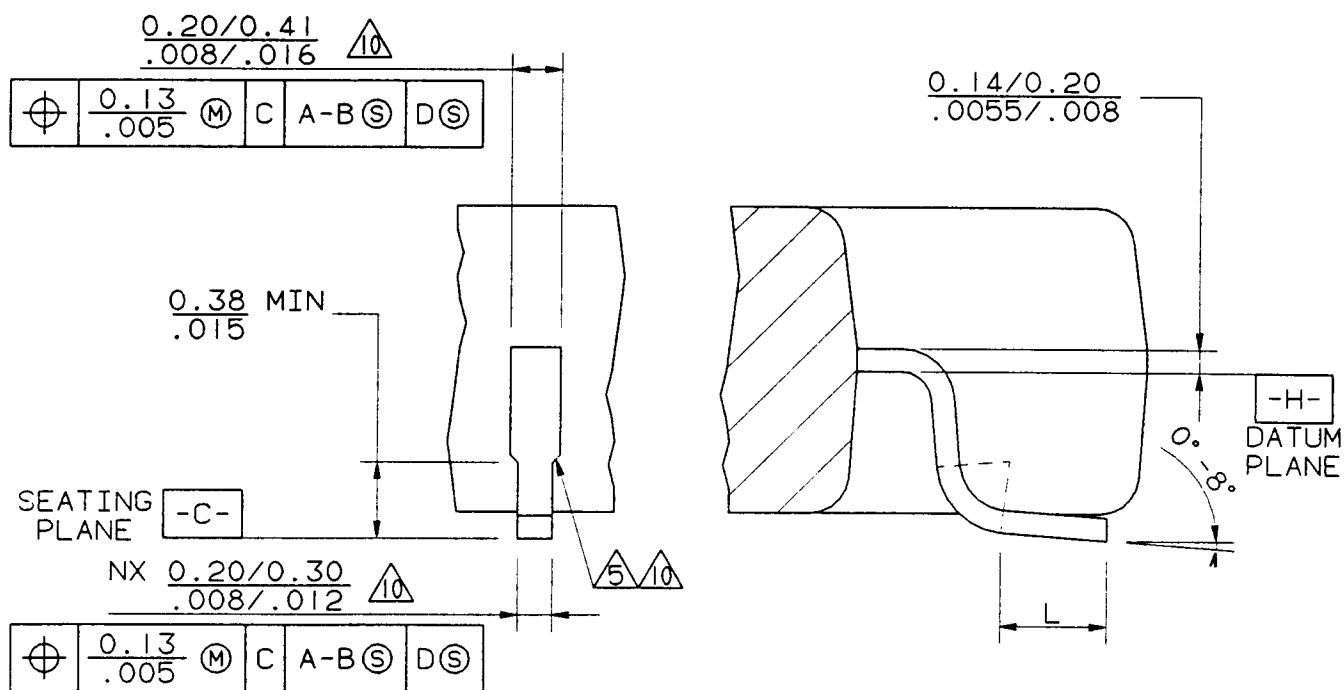
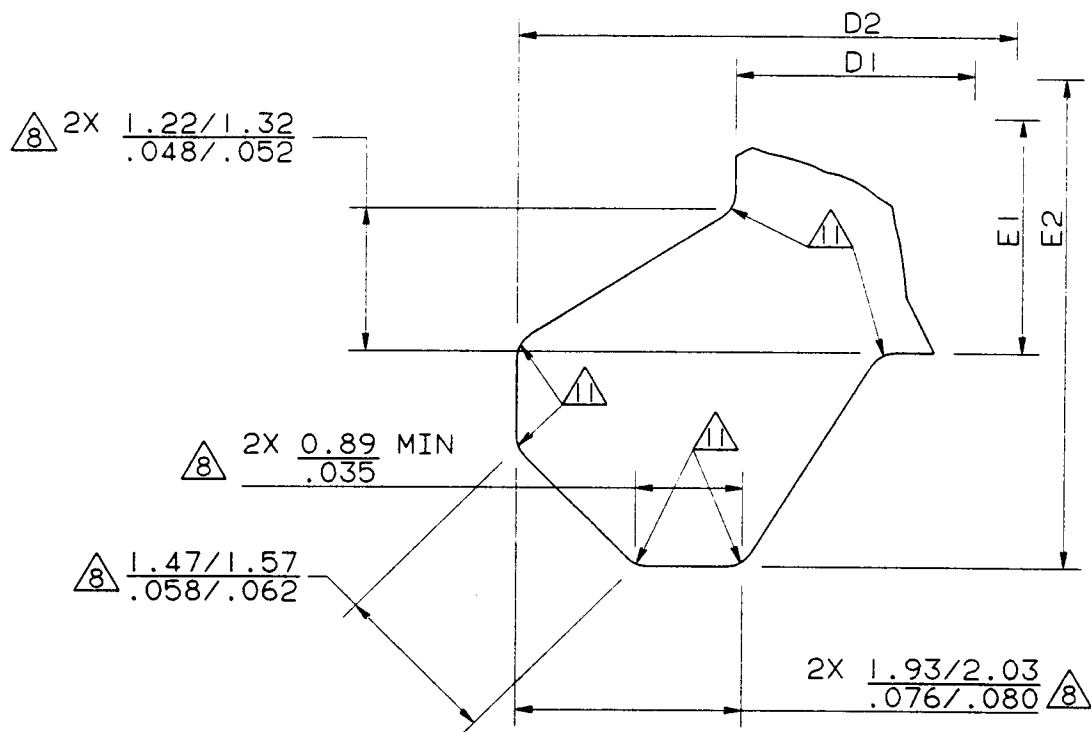
TITLE
LOW PROFILE PLASTIC QUAD
FLAT PACK FAMILY .025 LEAD
SPACING (GULLWING)

ISSUE
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mm
Inch

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SYMBOL	VARIATIONS (ALL DIMENSIONS IN INCHES)											
	AA		NOTE	AB		NOTE	AC		NOTE	AD		NOTE
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
A	.084	.100		.084	.100		.084	.100		.094	.110	
AI	.004	.019		.004	.019		.004	.019		.004	.019	
D	.525	.535	4	.575	.585	4	.675	.685	4	.775	.785	4
DI	.397	.403	8	.447	.453	8	.547	.553	8	.647	.653	8
D2	.547	.553	8	.597	.603	8	.697	.703	8	.797	.803	8
D3	.250	REF		.300	REF		.400	REF		.500	REF	
E	.525	.535	4	.575	.585	4	.675	.685	4	.775	.785	4
E1	.397	.403	8	.447	.453	8	.547	.553	8	.647	.653	8
E2	.547	.553	8	.597	.603	8	.697	.703	8	.797	.803	8
E3	.250	REF		.300	REF		.400	REF		.500	REF	
L	.020	.030		.020	.030		.020	.030		.020	.030	
N	44			52			68			84		
NOTE	1,9											
REF.	11-234											
ISSUE	A											

SYMBOL	VARIATIONS (ALL DIMENSIONS IN INCHES)											
	AE		NOTE	AF		NOTE	AG		NOTE	AH		NOTE
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
A	.094	.110		.114	.130		.114	.130		.114	.130	
AI	.004	.019		.004	.019		.004	.019		.004	.019	
D	.875	.885	4	1.075	1.085	4	1.175	1.185	4	1.275	1.285	4
DI	.747	.753	8	.947	.953	8	1.047	1.053	8	1.147	1.153	8
D2	.897	.903	8	1.097	1.103	8	1.197	1.203	8	1.297	1.303	8
D3	.600	REF		.800	REF		.900	REF		1.000	REF	
E	.875	.885	4	1.075	1.085	4	1.175	1.185	4	1.275	1.285	4
E1	.747	.753	8	.947	.953	8	1.047	1.053	8	1.147	1.153	8
E2	.897	.903	8	1.097	1.103	8	1.197	1.203	8	1.297	1.303	8
E3	.600	REF		.800	REF		.900	REF		1.000	REF	
L	.020	.030		.020	.030		.020	.030		.020	.030	
N	100			132			148			164		
NOTE	1,9											
REF.	11-234											
ISSUE	A											

JEDEC SOLID STATE PRODUCT OUTLINES	TITLE LOW PROFILE PLASTIC QUAD FLAT PACK FAMILY .025 LEAD SPACING (GULLWING)	ISSUE B	DATE 6/90	MO-086	SHEET 4 OF 6
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SYMBOL	VARIATIONS (ALL DIMENSIONS IN MILLIMETERS)											
	AA		NOTE	AB		NOTE	AC		NOTE	AD		NOTE
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
A	2.13	2.54		2.13	2.54		2.13	2.54		2.79	3.04	
AI	0.10	0.48		0.10	0.48		0.10	0.48		0.10	0.48	
D	13.35	13.58	4	14.61	14.85	4	17.15	17.39	4	19.69	19.93	4
D1	10.09	10.23	8	11.36	11.50	8	13.90	14.04	8	16.44	16.58	8
D2	13.90	14.04	8	15.17	15.31	8	17.71	17.85	8	20.25	20.39	8
D3	6.35	REF		7.62	REF		10.16	REF		12.70	REF	
E	13.35	13.58	4	14.61	14.85	4	17.15	17.39	4	19.69	19.93	4
E1	10.09	10.23	8	11.36	11.50	8	13.90	14.04	8	16.44	16.58	8
E2	13.90	14.04	8	15.17	15.31	8	17.71	17.85	8	20.25	20.39	8
E3	6.35	REF		7.62	REF		10.16	REF		12.70	REF	
L	0.51	0.76		0.51	0.76		0.51	0.76		0.51	0.51	
N	44			52			68			84		
NOTE	1, 9											
REF.	11-234											
ISSUE	A											

SYMBOL	VARIATIONS (ALL DIMENSIONS IN MILLIMETERS)											
	AE		NOTE	AF		NOTE	AG		NOTE	AH		NOTE
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
A	2.79	3.04		2.90	3.30		2.90	3.30		2.90	3.30	
AI	0.10	0.48		0.10	0.48		0.10	0.48		0.10	0.48	
D	22.23	22.47	4	27.31	27.55	4	29.85	30.09	4	32.39	32.63	4
D1	18.98	19.12	8	24.06	24.20	8	26.60	26.74	8	29.14	29.28	8
D2	22.79	22.93	8	27.87	28.01	8	30.41	30.55	8	32.95	33.09	8
D3	15.24	REF		20.32	REF		22.86	REF		25.40	REF	
E	22.23	22.47	4	27.31	27.55	4	29.85	30.09	4	32.39	32.63	4
E1	18.98	19.12	8	24.06	24.20	8	26.60	26.74	8	29.14	29.28	8
E2	22.79	22.93	8	27.87	28.01	8	30.41	30.55	8	32.95	33.09	8
E3	15.24	REF		20.32	REF		22.86	REF		25.40	REF	
L	0.51	0.76		0.51	0.76		0.51	0.76		0.51	0.76	
N	100			132			148			164		
NOTE	1, 9											
REF.	11-234											
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NOTES:

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

2

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

3

DATUMS A-B AND D TO BE DETERMINED WHERE CENTER LEADS EXIT PLASTIC BODY AT DATUM PLANE H.

4

TO BE DETERMINED AT SEATING PLANE, DATUM C

5

TRANSITION IS OPTIONAL.

6

DIMENSIONS D₁ AND E₁ DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE MOLD PROTRUSION IS 0.25mm/.010in ON D₁ AND E₁ DIMENSIONS, AND 0.18mm/.007in ON D₂ AND E₂ DIMENSIONS.

7

DETAILS OF PIN 1 IDENTIFIER ARE OPTIONAL, BUT MUST BE LOCATED WITHIN ONE OF THE TWO ZONES INDICATED.

8

THESE DIMENSIONS TO BE DETERMINED AT DATUM PLANE H.

9. CONTROLLING DIMENSION: INCH.

10

LEAD SHOULDER WIDER THAN LOWER LEAD WIDTH AS SHOWN IS AN OPTIONAL FEATURE.

11

THIS FEATURE MAY BE A CHAMFER OR RADIUS.

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