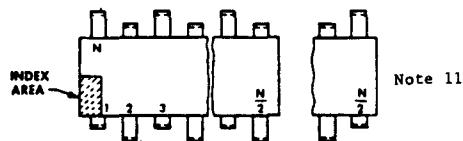


NOTES:

1. Refer to applicable symbol list.
2. Dimensioning and tolerancing per ANSI Y14.5-1973.
3. Leads within .127 radius of True Position (TP) at gauge plane with maximum material condition and unit installed.
4.  $e_1$ ,  $e_A$  and  $e_B$  apply in zone  $L_2$  when unit installed.
5.  $s$  applies to spread leads prior to installation.
6.  $N$  is the maximum quantity of lead positions.
7.  $N_1$  is the allowable quantity of missing leads.
8.  $E_1$  does not include mold flash.
9. Outlines on which the seating plane is coincident with the base plane ( $A_1 = 0$ ) terminal lead standoffs are not required, and  $B_1$  may equal  $B$  along any part of the lead above the seating/base plane.
10. QUIP Lead Pattern Types are determined by the locations of Lead 1 and Lead  $N$ .

Type	Lead 1	Lead N
A	Inner Row	Inner Row
B	Outer Row	Outer Row
C	Inner Row	Outer Row
D	Outer Row	Inner Row

11. Right end top view when  $N/2$  odd.
12. Figure A applies.
13. Figure B applies.
14. Controlling Dimension: INCH



TYPE C LEAD PATTERN

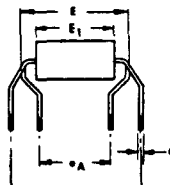
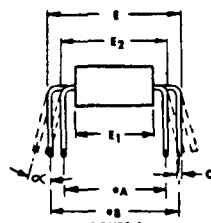
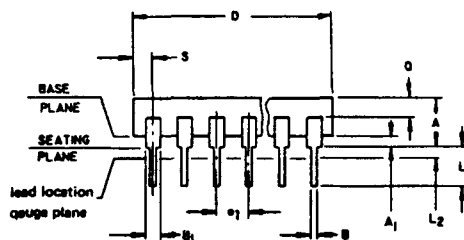
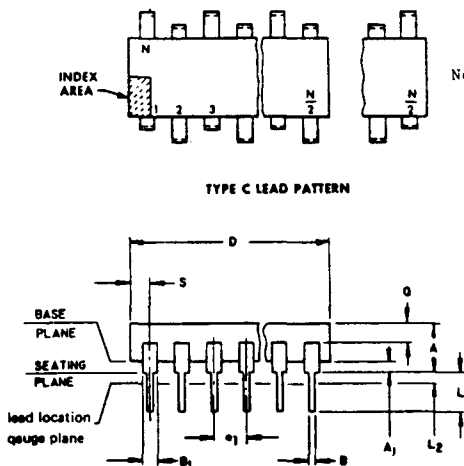


FIGURE B

VARIATIONS (ALL DIMENSIONS IN MILLIMETRES)

SYMBOL	AA		NOTE	AB		NOTE	AC		NOTE			NOTE
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
A	2.39	3.81		2.39	3.81		2.39	4.14				
$A_1$	0			0			0					
B	.432	.584		.432	.584		.432	.584				
$B_1$	-	-	9	-	-	9	-	-	9			
C	0.18	0.33		0.18	0.33		0.18	0.33				
D	26.67	27.17		33.02	34.16		40.14	41.65				
E	22.78	23.44		22.78	23.44		22.78	23.44				
$E_1$	15.88	17.78	8	15.88	17.78	8	15.88	17.78	8			
$E_2$	17.70	18.36		17.70	18.36		17.70	18.36				
$e_1$	1.27 TP		3,4	1.27 TP		3,4	1.27 TP		3,4			
$e_A$	17.78 TP		3,4	17.78 TP		3,4	17.78 TP		3,4			
$e_B$	22.86 TP		3,4	22.86 TP		3,4	22.86 TP		3,4			
L	2.29	4.44		2.29	4.44		2.29	4.44				
$L_2$	0	0.76		0	0.76		0	0.76				
N	42		6	52		6	64		6			
$N_1$	0		7	0		7	0		7			
S	.59	.91		.59	.91		.59	.91				
$\alpha$	0°	15°	5	0°	15°	5	0°	15°	5			

NOTE	1, 2, 10 (TYPE C), 12, 14	1, 2, 10 (TYPE C), 12, 14	1,2,10 (TYPE C), 12,14		
REF.	11.3-62	11.3-62	11.3-62		
ISSUE	FEBRUARY 1981	FEBRUARY 1981	FEBRUARY 1981		
JEDEC SOLID STATE PRODUCT OUTLINES		TITLE QUAD IN LINE (QUIP) FAMILY  17.78/22.86 ROW SPACING	ISSUE B	DATE 02/01/81	MO-033
					VARIATIONS AA-AC



TYPE C LEAD PATTERN

Note 11

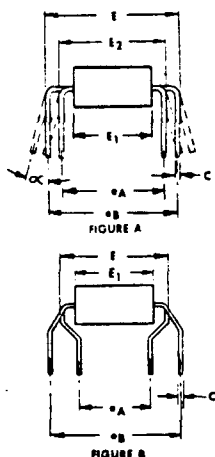


FIGURE B

## NOTES:

1. Refer to applicable symbol list.
2. Dimensioning and tolerancing per ANSI Y14.5-1973.
3. Leads within .005 radius of True Position (TP) at gauge plane with maximum material condition and unit installed.
4.  $e_1$ ,  $e_A$  and  $e_B$  apply in zone  $L_2$  when unit installed.
5.  $a$  applies to spread leads prior to installation.
6.  $N$  is the maximum quantity of lead positions.
7.  $N_1$  is the allowable quantity of missing leads.
8.  $E_1$  does not include mold flash.
9. Outlines on which the seating plane is coincident with the base plane ( $A_1 = 0$ ) terminal lead standoffs are not required, and  $B_1$  may equal  $B$  along any part of the lead above the seating/base plane.
10. QUIP Lead Pattern Types are determined by the locations of Lead 1 and Lead  $N$ .

Type	Lead 1	Lead N
A	Inner Row	Inner Row
B	Outer Row	Outer Row
C	Inner Row	Outer Row
D	Outer Row	Inner Row

11. Right end top view when  $N/2$  odd.
12. Figure A applies.
13. Figure B applies.
14. Controlling Dimension: INCH

## VARIATIONS (ALL DIMENSIONS IN INCHES)

SYMBOL	AA		NOTE	AB		NOTE	AC		NOTE			NOTE
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
A	.094	.150		.094	.150		.094	.165				
A1	0			0			0					
B	.017	.023	9	.017	.023	9	.017	.023	9			
B1	-	-		-	-		-	-				
C	.007	.013		.007	.013		.007	.013				
D	1.050	1.070		1.300	1.345		1.580	1.640				
E	.897	.923		.897	.923		.897	.923				
E1	.625	.700	8	.625	.700	8	.625	.700	8			
E2	.697	.723		.697	.723		.697	.723				
e1	.050 TP		3,4	.050 TP		3,4	.050 TP		3,4			
eA	.700 TP		3,4	.700 TP		3,4	.700 TP		3,4			
eB	.900 TP		3,4	.900 TP		3,4	.900 TP		3,4			
L	.090	.175		.090	.175		.090	.175				
L2	.000	.030		.000	.030		.000	.030				
N	42		6	52		6	64		6			
N1	0		7	0		7	0		7			
S	.023	.036		.023	.036		.023	.036				
α	0°	15°	5	0°	15°	5	0°	15°	5			
NOTE	1, 2, 10 (TYPE C), 12, 14			1, 2, 10 (TYPE C), 12, 14			1,2,10 (TYPE C), 12,14					
REF.	11.3-62			11.3-62			11.3-62					
ISSUE	FEBRUARY 1981			FEBRUARY 1981			FEBRUARY 1981					
JEDEC SOLID STATE PRODUCT OUTLINES				TITLE QUAD IN LINE (QUIP) FAMILY  700/ 900 Row Spacing			ISSUE B	DATE 02/01/81	MO - 033			
									VARIATIONS AA-AC			