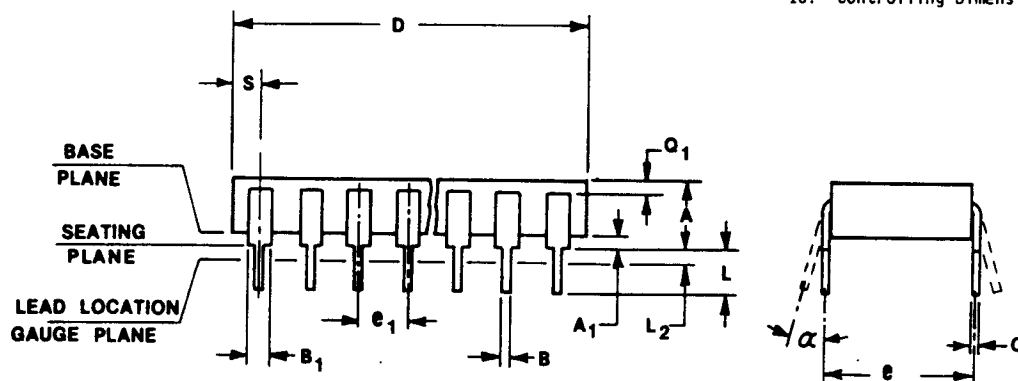
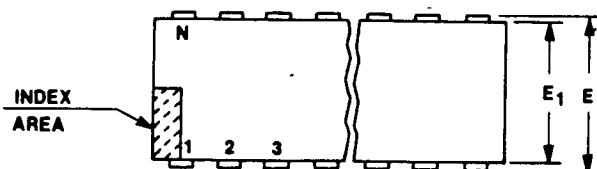


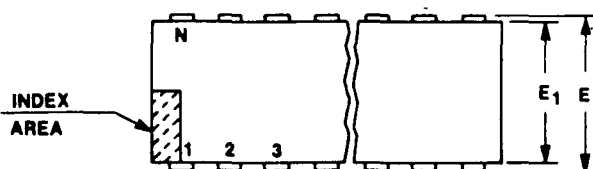
## NOTES:

1. Refer to applicable symbol list.
2. Dimensioning and tolerancing per ANSI Y14.5-1973.
3. Leads within .13mm (.005 in.) radius of True Position (TP) at gauge plane with maximum material condition and unit installed.
4.  $e_1$  and  $e_A$  applies in zone L, when unit installed.
5.  $\alpha$  applies to spread leads prior to installation.
6. N is the number of terminal positions.
7. Outlines on which the seating plane is coincident with the base plane ( $A_1 = 0$ ), terminals lead standoffs are not required, and  $B_1$  may equal B along any part of the lead above the seating/base plane.
8.  $E_1$  does not include particles of package materials.
9. This dimension shall be measured with the device seated in the seating plane gauge JEDEC Outline No. GS-3.
10. Controlling Dimension: INCH.



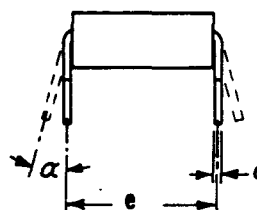
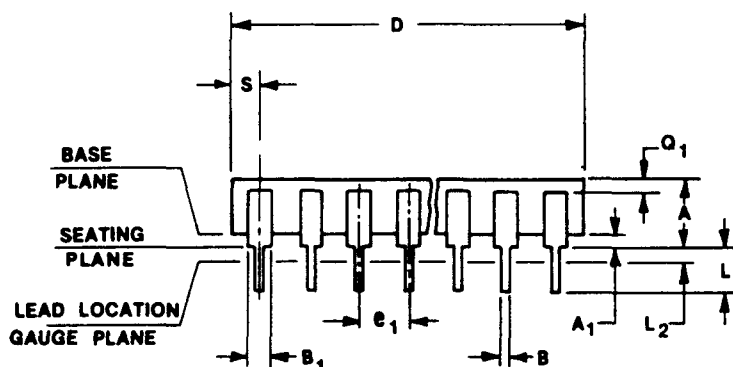
## Variations (ALL DIMENSIONS SHOWN IN MILLIMETERS)

Symbol	Variations (ALL DIMENSIONS SHOWN IN MILLIMETERS)											
	AA		Notes	AB		Notes	AC		Notes	AD		Notes
	Min.	Max.		Min.	Max.		Min.	Max.		Min.	Max.	
A	2.67	4.44	9	2.67	4.44	9	2.67	4.44	9	2.67	4.44	9
A <sub>1</sub>	.64	1.39	9	.64	1.39	9	.64	1.39	9	.64	1.39	9
B	.381	.533		.381	.533		.381	.533		.381	.533	
B <sub>1</sub>	.97	1.52		.97	1.52		.97	1.52		.97	1.52	
C	.204	.304		.204	.304		.204	.304		.204	.304	
D	9.7	13.9		17.53	19.55		19.56	21.08		19.56	21.08	
E	7.37	8.25		7.37	8.25		7.37	8.25		7.37	8.25	
E <sub>1</sub>	7.12	7.87	8	7.12	7.87	8	7.12	7.87	8	7.12	7.87	8
E <sub>1</sub>	2.54 TP		3.4	2.54 TP		3.4	2.54 TP		3.4	2.54 TP		3.4
E <sub>A</sub>	7.62 TP		3.4	7.62 TP		3.4	7.62 TP		3.4	7.62 TP		3.4
L	3.18	4.44	9	3.18	4.44	9	3.18	4.44	9	3.18	4.44	
L <sub>2</sub>	.00	.76		.00	.76		.00	.76		.00	.76	
α	0°	15°	5	0°	15°	5	0°	15°	5	0°	15°	5
N	8		6	14		6	14		6	16		6
Q <sub>1</sub>	.25	---		.25	---		.25	---		.25	---	
S	.77	3.04		.77	2.41		1.15	2.41		.51	1.65	
Note	1.2.10			1.2.10			1.2.10			1.2.10		
Ref.												
Issue	A APRIL 1981			A APRIL 1981			A APRIL 1981			A APRIL 1981		
JEDEC Solid State Product Outlines				Title CERAMIC SIDE LEADED DUAL IN LINE (DIP) FAMILY 7.62 ROW SPACING				Issue A	Date APRIL 1981	MO-036		

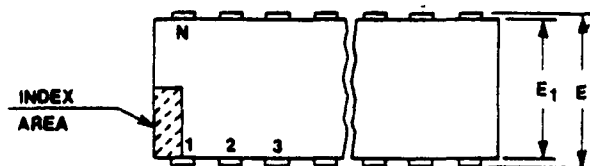


# NOTES:

1. Refer to applicable symbol list.
2. Dimensioning and tolerancing per ANSI Y14.5-1973.
3. Leads within .13mm (.005 in.) radius of True Position (TP) at gauge plane with maximum material condition and unit installed.
4.  $e_1$  and  $e_A$  applies in zone  $L_2$  when unit installed.
5.  $\alpha$  applies to spread leads prior to installation.
6.  $N$  is the number of terminal positions.
7. Outlines on which the seating plane is coincident with the base plane ( $A_1 = 0$ ), terminals lead standoffs are not required, and  $B_1$  may equal  $B$  along any part of the lead above the seating/base plane.
8.  $E_1$  does not include particles of package materials.
9. This dimension shall be measured with the device seated in the seating plane gauge JEDEC Outline No. GS-3.
10. Controlling Dimension: INCH.

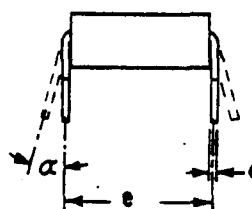
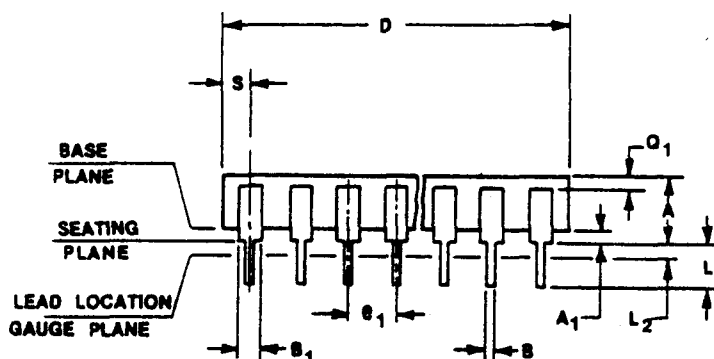


Symbol	Variations (ALL DIMENSIONS SHOWN IN INCHES)											
	AA		Note	AB		Note	AC		Note	AD		Note
	Min.	Max.		Min.	Max.		Min.	Max.		Min.	Max.	
A	.105	.175	9	.105	.175	9	.105	.175	9	.105	.175	9
A <sub>1</sub>	.025	.055	9	.025	.055	9	.025	.055	9	.025	.055	9
B	.015	.021		.015	.021		.015	.021		.015	.021	
B <sub>1</sub>	.038	.060		.038	.060		.038	.060		.038	.060	
C	.008	.012		.008	.012		.008	.012		.008	.012	
D	.380	.550		.690	.770		.770	.830		.770	.830	
E	.290	.325		.290	.325		.290	.325		.290	.325	
E <sub>1</sub>	.280	.310	8	.280	.310	8	.280	.310	8	.280	.310	8
E <sub>1</sub>	.100 TP		3.4	.100 TP		3.4	.100 TP		3.4	.100 TP		3.4
E <sub>A</sub>	.300 TP		3.4	.300 TP		3.4	.300 TP		3.4	.300 TP		3.4
L	.125	.175	9	.125	.175	9	.125	.175	9	.125	.175	9
L <sub>2</sub>	.000	.030		.000	.030		.000	.030		.000	.030	
$\alpha$	0°	15°	5	0°	15°	5	0°	15°	5	0°	15°	5
N	8		6	14		6	14		6	16		6
Q <sub>1</sub>	.010	---		.010	---		.010	---		.010	---	
S	.030	.120		.030	.095		.045	.095		.020	.065	
Note	1.2, 10			1.2, 10			1.2, 10			1.2, 10		
Ref.												
Issue	A APRIL 1981			A APRIL 1981			A APRIL 1981			A APRIL 1981		
JEDEC Solid State Product Outlines				Title CERAMIC SIDE LEADED DUAL IN LINE (DIP) FAMILY .300 ROW SPACING				Issue A	Date APRIL 1981	MO-036		

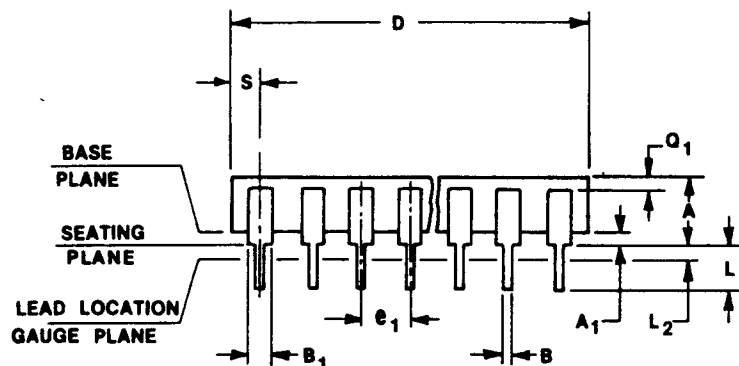
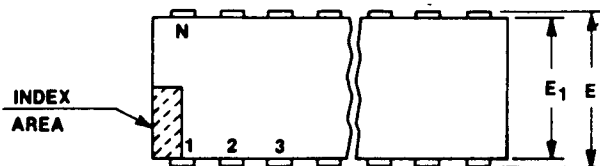


## NOTES:

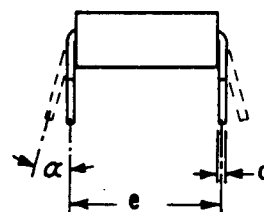
1. Refer to applicable symbol list.
2. Dimensioning and tolerancing per ANSI Y14.5-1973.
3. Leads within .13mm (.005 in.) radius of True Position (TP) at gauge plane with maximum material condition and unit installed.
4. e<sub>1</sub> and e<sub>A</sub> applies in zone L<sub>2</sub> when unit installed.
5. α applies to spread leads prior to installation.
6. N is the number of terminal positions.
7. Outlines on which the seating plane is coincident with the base plane (A<sub>1</sub> = 0), terminals lead standoffs are not required, and B<sub>1</sub> may equal B along any part of the lead above the seating/base plane.
8. E<sub>1</sub> does not include particles of package materials.
9. This dimension shall be measured with the device seated in the seating plane gauge JEDEC Outline No. GS-3.
10. Controlling Dimension: INCH.



Symbol	Variations (ALL DIMENSIONS SHOWN IN MILLIMETERS)										
	AE		Note			Note			Note		
	Min.	Max.		Min.	Max.		Min.	Max.		Min.	Max.
A	2.67	4.44	9								
A <sub>1</sub>	.64	1.39	9								
B	.381	.533									
B <sub>1</sub>	.97	1.52									
C	.204	.304									
D	22.36	23.62									
E	7.37	8.25									
E <sub>1</sub>	7.12	7.87	8								
E <sub>1</sub>	2.54 TP		3.4								
E <sub>A</sub>	7.62 TP		3.4								
L	3.18	4.44	9								
L <sub>2</sub>	.00	.76									
α	0°	15°	5								
N	18		6								
Q <sub>1</sub>	.25	---									
S	.77	1.65									
Note	1.2.10										
Ref.											
Issue	A APRIL 1981										
JEDEC Solid State Product Outlines			Title CERAMIC SIDE LEADED DUAL IN LINE (DIP) FAMILY 7.62 ROW SPACING			Issue A		Date APRIL 1981		MO-036	



- NOTES:**
1. Refer to applicable symbol list.
  2. Dimensioning and tolerancing per ANSI Y14.5-1973.
  3. Leads within .13mm (.005 in.) radius of True Position (TP) at gauge plane with maximum material condition and unit installed.
  4.  $e_1$  and  $e_A$  applies in zone L<sub>2</sub> when unit installed.
  5.  $\alpha$  applies to spread leads prior to installation.
  6. N is the number of terminal positions.
  7. Outlines on which the seating plane is coincident with the base plane ( $A_1 = 0$ ), terminals lead standoffs are not required, and  $B_1$  may equal 8 along any part of the lead above the seating/base plane.
  8.  $E_1$  does not include particles of package materials.
  9. This dimension shall be measured with the device seated in the seating plane gauge JEDEC Outline No. GS-3.
  10. Controlling Dimension: INCH.



**Variations** (ALL DIMENSIONS SHOWN IN INCHES)

Symbol	Variations (ALL DIMENSIONS SHOWN IN INCHES)											
	AE		Notes			Notes			Notes			Notes
	Min.	Max.		Min.	Max.		Min.	Max.		Min.	Max.	
A	.105	.175	9									
A <sub>1</sub>	.025	.055	9									
B	.015	.021										
B <sub>1</sub>	.038	.060										
C	.008	.012										
D	.880	.930										
E	.290	.325										
E <sub>1</sub>	.280	.310	8									
E <sub>1</sub>	.100 TP		3,4									
E <sub>A</sub>	.300 TP		3,4									
L	.125	.175	9									
L <sub>2</sub>	.000	.030										
$\alpha$	0°	15°	5									
N	18		6									
Q <sub>1</sub>	.010	---										
S	.030	.065										
Note	1,2,10											
Ref.												
Issue	A APRIL 1981											
JEDEC Solid State Product Outlines			Title CERAMIC SIDE LEADED DUAL IN LINE (DIP) FAMILY .300 ROW SPACING				Issue A	Date APRIL 1981	MO-036			