

Fig. "A" AXIAL (NOTE 3)

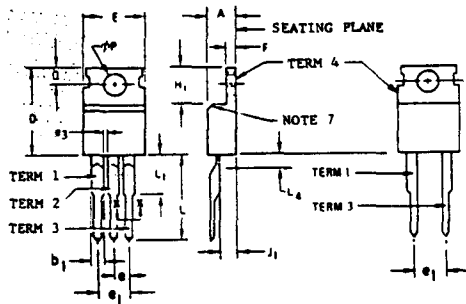


Fig. "B" PERIPHERAL (NOTE 4)

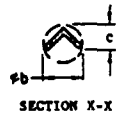


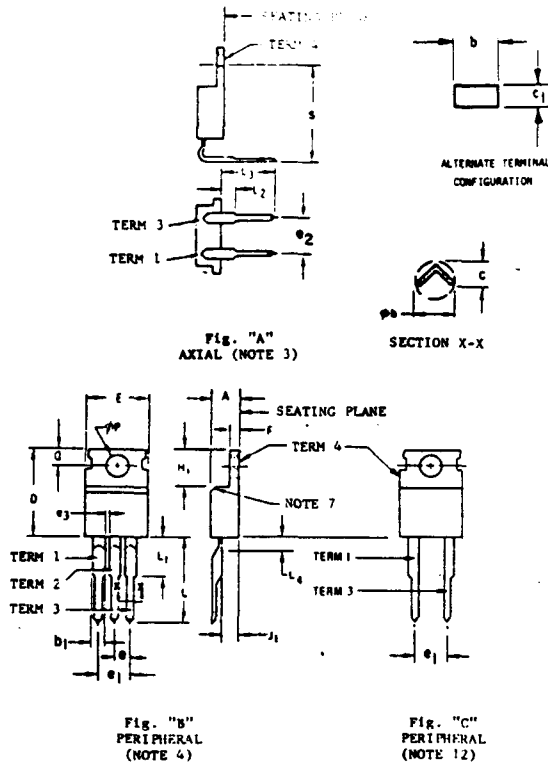
Fig. "C" PERIPHERAL (NOTE 12)

**NOTES:**

1. REFER TO APPLICABLE SYMBOL LIST.
2. DIMENSIONING AND TOLERANCING PER ANSI Y14.5-1973.
3. FIGURE "A" AXIAL TERMINAL CONFIGURATION, APPLICABLE.
4. FIGURE "B" PERIPHERAL TERMINAL CONFIGURATION, APPLICABLE.
5. ALTERNATE TERMINAL CONFIGURATIONS ALLOWED WITHIN  $\phi b$  AND c.
6. TAB CONTOUR OPTIONAL WITHIN  $H_1$  AND E.
7. CHAMFER OPTIONAL.
8. POSITION OF TERMINAL TO BE MEASURED 1.27-1.40 BELOW SEATING PLANE.
9. POSITION OF TERMINAL TO BE MEASURED 6.35-6.48 FROM BOTTOM OF DIMENSION D.
10. CONTROLLING DIMENSION: INCH.
11. LEADS SHALL BE IN TRUE POSITION WITHIN .38 DIAMETER, MEASURED 5.21-6.48 FROM BOTTOM OF DIMENSION D.
12. FIGURE "C" PERIPHERAL TERMINAL CONFIGURATION APPLICABLE.
13.  $L_4$  DEFINES A ZONE WHERE ALL BODY AND LEAD IRREGULARITIES ARE ALLOWED.
14. CONTROLLING DIMENSION: MILLIMETERS.

**VARIATIONS (ALL DIMENSIONS SHOWN IN MILLIMETERS)**

SYMBOL	AA		NOTE	AB		NOTE	AC		NOTE	MIN.	MAX.	NOTE	
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.					
	A	3.56		4.82	5		3.56	4.82					5
b	.38	1.01	5	.38	1.01	5	.38	1.01	5				
b1	1.15	1.77	5	1.15	1.77	5	.99	1.77	5				
$\phi b$	.51	1.14	5	.51	1.14	5	.51	1.14	5				
c	.31	1.14	5	.31	1.14	5	.31	1.14	5				
c1	.41	.50	5	.41	.50	5	.41	.50	5				
D	14.23	15.87	6	14.23	16.51	6	14.23	16.51	6				
E	9.66	10.66	6	9.66	10.66	6	9.66	10.66	6				
e	---	---		2.29	2.79	9	---	---					
e1	---	---		4.83	5.33	9	5.08 BSC		11				
e2	4.83	5.33	8	---	---		---	---					
e3	---	---		1.15	---		---	---					
F	.51	1.39		.51	1.39		.51	1.39					
H1	5.85	6.85	6	5.85	6.85	6	5.85	6.85	6				
J1	2.04	2.92		2.04	2.92		2.04	2.92					
L	---	---		12.70	14.73		12.70	14.73					
L1	---	---		---	6.35		4.60	6.35					
L2	---	1.27		---	---		---	---					
L3	8.64	10.71		---	---		---	2.03	13				
$\phi P$	3.531	3.733		3.54	4.08		3.531	3.733					
Q	2.54	3.04		2.54	3.42		2.54	3.04					
s	14.74	15.49		---	---		---	---					
NOTE	1, 2, 3, 10			1, 2, 4, 10			1, 2, 11, 12, 14						
REF	ITEM 10-243			ITEM 10-243			ITEM 10-243						
ISSUE	J			J			J						
JEDEC SOLID STATE PRODUCT OUTLINES				TITLE FLANGE-MOUNTED HEADER FAMILY (AXIAL & PERIPHERAL LEADS)				ISSUE DATE J 3/24/87		TO-220 AA-AC			



- NOTES:**
1. REFER TO APPLICABLE SYMBOL LIST.
  2. DIMENSIONING AND TOLERANCING PER ANSI Y14.5-1973.
  3. FIGURE "A" AXIAL TERMINAL CONFIGURATION, APPLICABLE.
  4. FIGURE "B" PERIPHERAL TERMINAL CONFIGURATION APPLICABLE.
  5. ALTERNATE TERMINAL CONFIGURATIONS ALLOWED WITHIN  $\phi b$  AND  $c$ .
  6. TAB CONTOUR OPTIONAL WITHIN  $H_1$  AND  $E$ .
  7. CHAMFER OPTIONAL.
  8. POSITION OF TERMINAL TO BE MEASURED .050-.055 BELOW SEATING PLANE.
  9. POSITION OF TERMINAL TO BE MEASURED .250-.255 FROM BOTTOM OF DIMENSION  $D$ .
  10. CONTROLLING DIMENSION: INCH.
  11. LEADS SHALL BE IN TRUE POSITION WITHIN .015 DIAMETER MEASURED .205-.255 FROM BOTTOM OF DIMENSION  $D$ .
  12. FIGURE "C" PERIPHERAL TERMINAL CONFIGURATION APPLICABLE.
  13.  $L_4$  DEFINES A ZONE WHERE ALL BODY AND LEAD IRREGULARITIES ARE ALLOWED.
  14. CONTROLLING DIMENSION: MILLIMETERS.

SYMBOLS	VARIATIONS (ALL DIMENSIONS SHOWN IN INCHES)											
	AA		NOTE	AB		NOTE	AC		NOTE	MIN. MAX.		NOTE
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
A	.140	.190		.140	.190		.140	.190				
b	.015	.040	5	.015	.040	5	.015	.040	5			
$b_1$	.045	.070		.045	.070		.039	.070				
$\phi b$	.020	.045	5	.020	.045	5	.020	.045	5			
c	.012	.045		.012	.045		.012	.045				
$c_1$	.014	.022	5	.014	.022	5	.014	.022	5			
D	.560	.625		.560	.630		.560	.630				
E	.380	.420	6	.380	.420	6	.380	.420	6			
e	---	---		.090	.110	9	.200 BSC		11			
$e_1$	---	---		.190	.210	9						
$e_2$	.190	.210	8	---	---		---	---				
$e_3$	---	---		.045	---		---	---				
F	.020	.055		.020	.055		.020	.055				
$H_1$	.230	.270	6	.230	.270	6	.230	.270	6			
$J_1$	.080	.115		.080	.115		.080	.115				
L	---	---		.500	.580		.500	.580				
$L_1$	---	---		---	.250		.181	.250				
$L_2$	---	.050		---	---		---	---				
$L_3$	.340	.422		---	---		---	---				
$L_4$	---	---		---	---		---	.080	13			
$\phi P$	.139	.147		.139	.161		.139	.147				
Q	.100	.120		.100	.135		.100	.120				
s	.580	.610		---	---		---	---				
NOTE	1, 2, 3, 10			1, 2, 4, 10			1, 2, 11, 12, 14					
REF	ITEM 10-243			ITEM 10-243			ITEM 10-243					
ISSUE	J			J			J					
JEDEC SOLID STATE PRODUCT OUTLINES			TITLE FLANGE-MOUNTED HEADER FAMILY (AXIAL & PERIPHERAL LEADS)				ISSUE	DATE	TO-220 AA-AC			