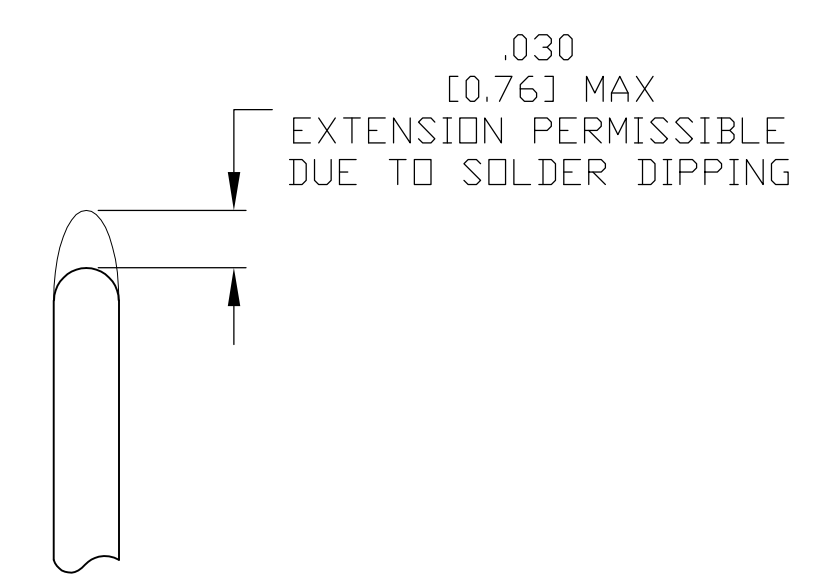
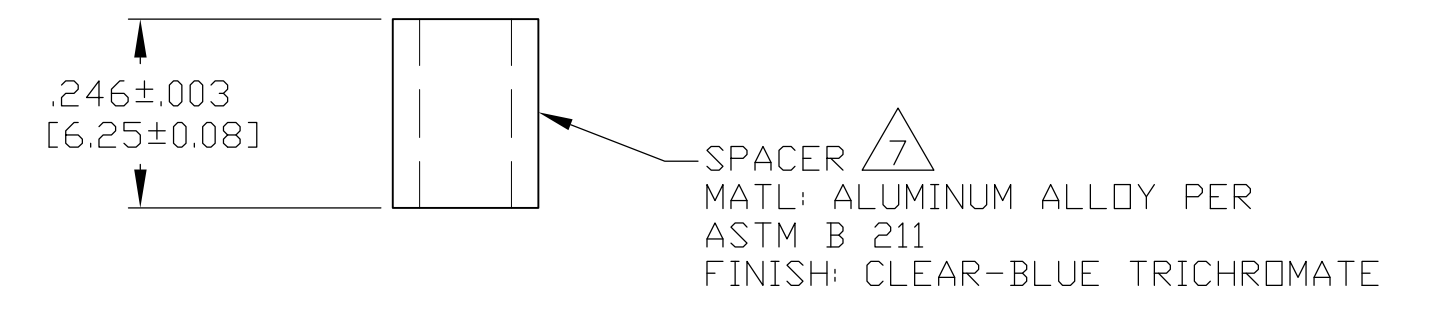
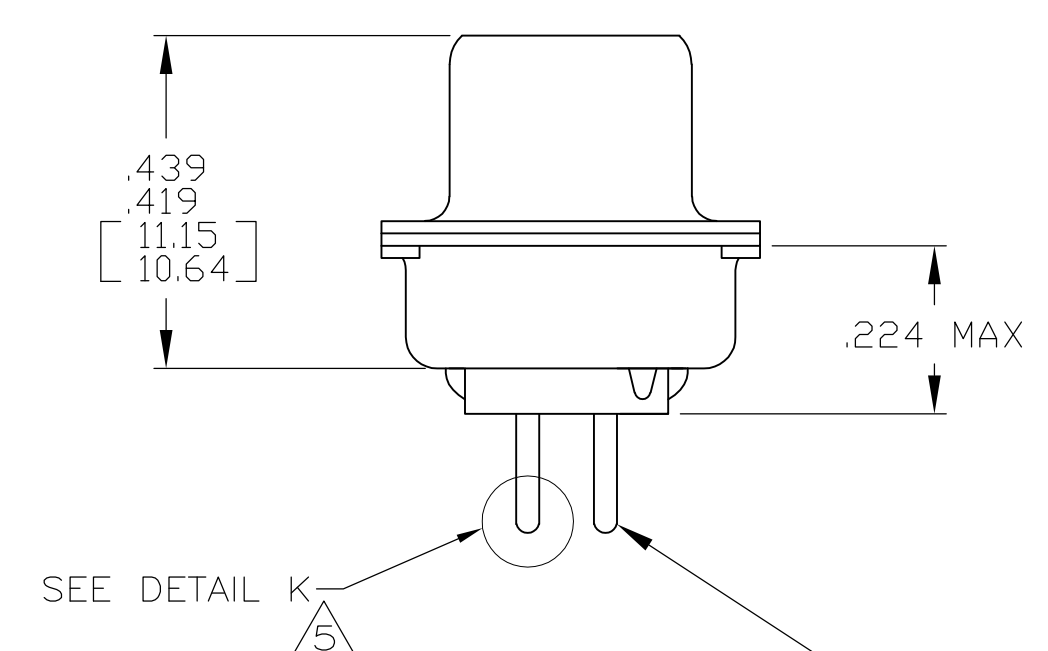
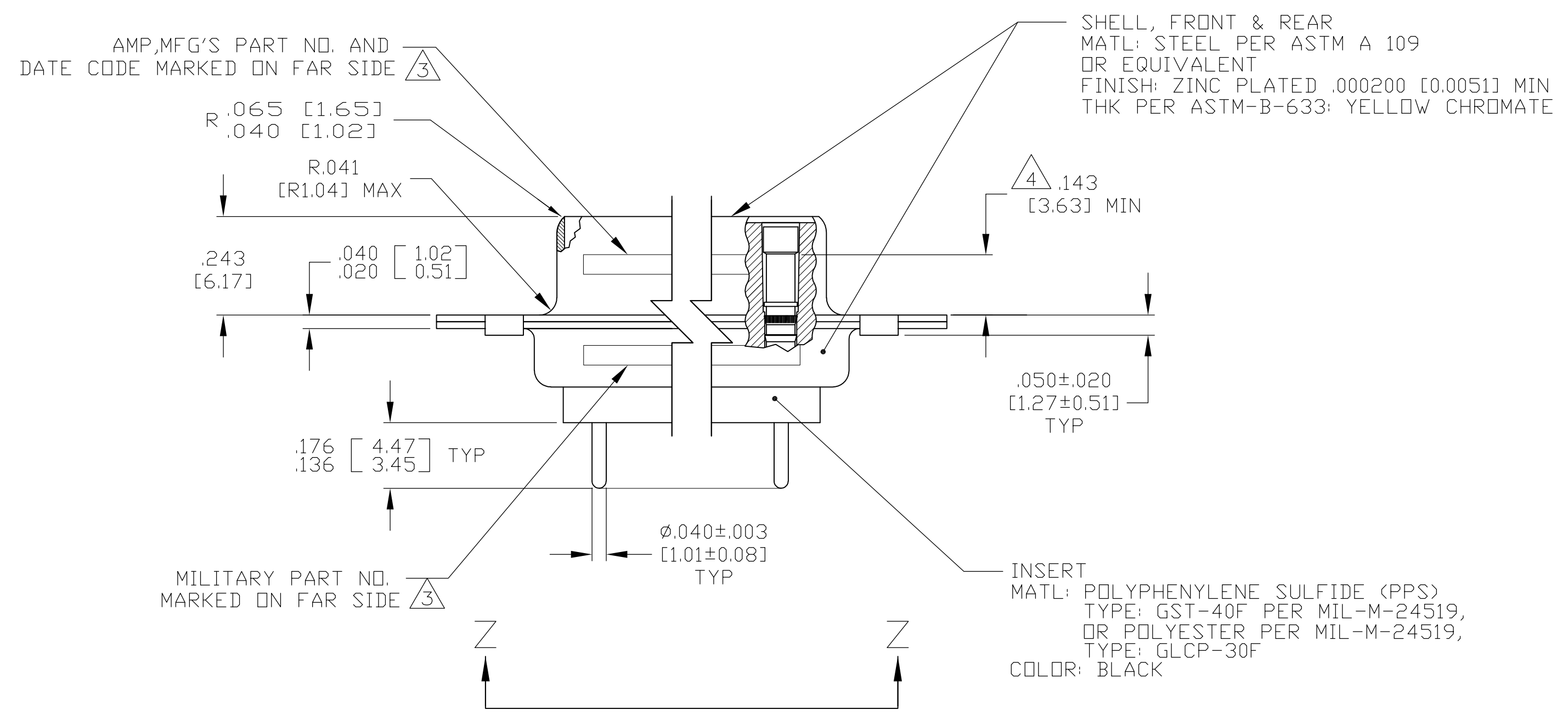


- 1. SEE SHEET 2 FOR RECOMMENDED P.C. BOARD LAYOUT. TRUE POSITION TOLERANCE FOR P.C. BOARD LAYOUT IS .010 [0.25] AT MAX MATERIAL CONDITION. SUGGESTED BOARD THICKNESS IS .062 [1.57]
- 2. THE CONNECTORS DESCRIBED IN THIS DOCUMENT MEET THE REQUIREMENTS OF MIL-C-24308 AND MATE WITH ANY PLUG CONNECTOR WITH SAME INSERT ARRANGEMENT.
- 3. MARKED WITH .047 [1.19]-.062 [1.57] HIGH CHARACTERS. FAR SIDE REFERS TO THE WIDE SIDE OF THE KEYSTONE. NEAR SIDE REFERS TO THE NARROW SIDE OF THE KEYSTONE. IF THE REAR SHELL IS TOO SMALL FOR THE ENTIRE MILITARY PART NUMBER, MARKING SHALL BE LOCATED AS FOLLOWS:
 - A. "M24308" ON FRONT SHELL, FAR SIDE.
 - B. SLASH SHEET AND DASH NUMBER ON REAR SHELL, FAR SIDE.
 - C. "AMP" AND DATE CODE ON FRONT SHELL, NEAR SIDE.
 - D. MFG'S PART NUMBER ON REAR SHELL, NEAR SIDE.
 IF THE FRONT SHELL IS TOO SMALL FOR "AMP", MFG'S PART NUMBER AND DATE CODE, MARKING SHALL BE SPLIT AS FOLLOWS:
 - A. MFG'S PART NUMBER ON REAR SHELL, NEAR SIDE.
 - B. "AMP" AND DATE CODE ON FRONT SHELL, NEAR SIDE.
 - C. MILITARY PART NUMBER ON REAR SHELL, FAR SIDE.
- 4. POINT OF ELECTRICAL ENGAGEMENT - AS MEASURED WITH A .0390-.0393 [0.991-0.998] DIA SQUARE ENDED PIN.
- 5. SOLDER DIPPED PER J-STD-001 WITH Sn63 SOLDER PER J-STD-006 IN THE ENTIRE AREA OF DIMENSION SHOWN. (1757832-6 THRU -10 ONLY.)
- 6. MEETS SOLDERABILITY PER MIL-STD-202 METHOD 208.
- 7. SPACERS (QTY = 2) ARE SUPPLIED WITH CONNECTOR; NOT ATTACHED.



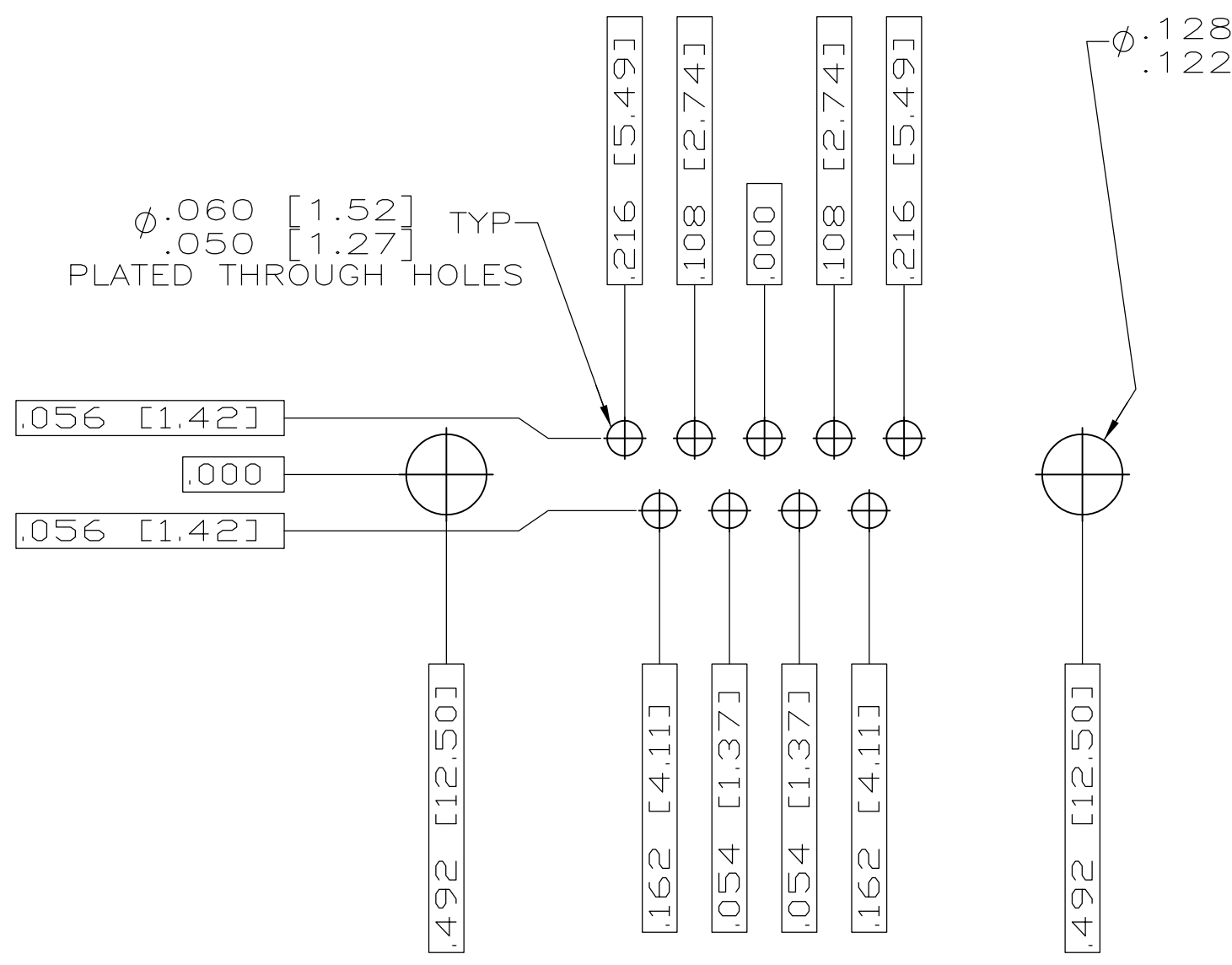
DETAIL K SCALE 10:1 FOR 1757832-6 THRU -10 ONLY

.544 [13.82]	2.188 [55.58]	.620 [15.75]	.428 [10.87]	2.411 [61.24]	2.069 [52.55]	2.650 [67.31]	MS18277-1	50	5	M24308/23-17	1757832-5	1-1757832-0
.524 [13.31]	2.168 [55.07]	.590 [14.99]	.418 [10.62]	2.401 [60.99]	2.059 [52.30]	2.620 [66.55]	MS18276-1	37	4	M24308/23-16	1757832-4	1757832-9
.432 [10.97]	2.282 [57.96]	.509 [12.93]	.316 [8.03]	2.505 [63.63]	2.164 [54.97]	2.744 [69.70]	MS18275-1	25	3	M24308/23-15	1757832-3	1757832-8
.412 [10.46]	2.262 [57.45]	.479 [12.17]	.306 [7.77]	2.495 [63.37]	2.154 [54.71]	2.714 [68.94]	MS18274-1	15	2	M24308/23-14	1757832-2	1757832-7
.432 [10.97]	1.635 [41.53]	.509 [12.93]	.316 [8.03]	1.857 [47.17]	1.516 [38.51]	2.103 [53.42]	MS18273-1	9	1	M24308/23-13	1757832-1	1757832-6
.412 [10.46]	1.615 [41.02]	.479 [12.17]	.306 [7.77]	1.847 [46.91]	1.506 [38.25]	2.073 [52.65]	MS18277-1	50	5	M24308/23-17	1757832-5	1757832-5
.432 [10.97]	1.093 [27.76]	.509 [12.93]	.316 [8.03]	1.317 [33.45]	.976 [24.79]	1.556 [39.52]	MS18276-1	37	4	M24308/23-16	1757832-4	1757832-4
.412 [10.46]	1.073 [27.25]	.479 [12.17]	.306 [7.77]	1.307 [33.20]	.966 [24.54]	1.526 [38.76]	MS18275-1	25	3	M24308/23-15	1757832-3	1757832-3
.432 [10.97]	.769 [19.53]	.509 [12.93]	.316 [8.03]	.989 [25.12]	.648 [16.46]	1.228 [31.19]	MS18274-1	15	2	M24308/23-14	1757832-2	1757832-2
.412 [10.46]	.749 [19.02]	.479 [12.17]	.306 [7.77]	.979 [24.87]	.638 [16.21]	1.198 [30.43]	MS18273-1	9	1	M24308/23-13	1757832-1	1757832-1
.544 [13.82]	2.188 [55.58]	.620 [15.75]	.428 [10.87]	2.411 [61.24]	2.069 [52.55]	2.650 [67.31]	MS18277-1	50	5	M24308/23-17	1757832-5	1757832-5
.432 [10.97]	2.282 [57.96]	.509 [12.93]	.316 [8.03]	2.505 [63.63]	2.164 [54.97]	2.744 [69.70]	MS18276-1	37	4	M24308/23-16	1757832-4	1757832-4
.412 [10.46]	2.262 [57.45]	.479 [12.17]	.306 [7.77]	2.495 [63.37]	2.154 [54.71]	2.714 [68.94]	MS18275-1	25	3	M24308/23-15	1757832-3	1757832-3
.432 [10.97]	1.635 [41.53]	.509 [12.93]	.316 [8.03]	1.857 [47.17]	1.516 [38.51]	2.103 [53.42]	MS18274-1	15	2	M24308/23-14	1757832-2	1757832-2
.412 [10.46]	1.615 [41.02]	.479 [12.17]	.306 [7.77]	1.847 [46.91]	1.506 [38.25]	2.073 [52.65]	MS18273-1	9	1	M24308/23-13	1757832-1	1757832-1

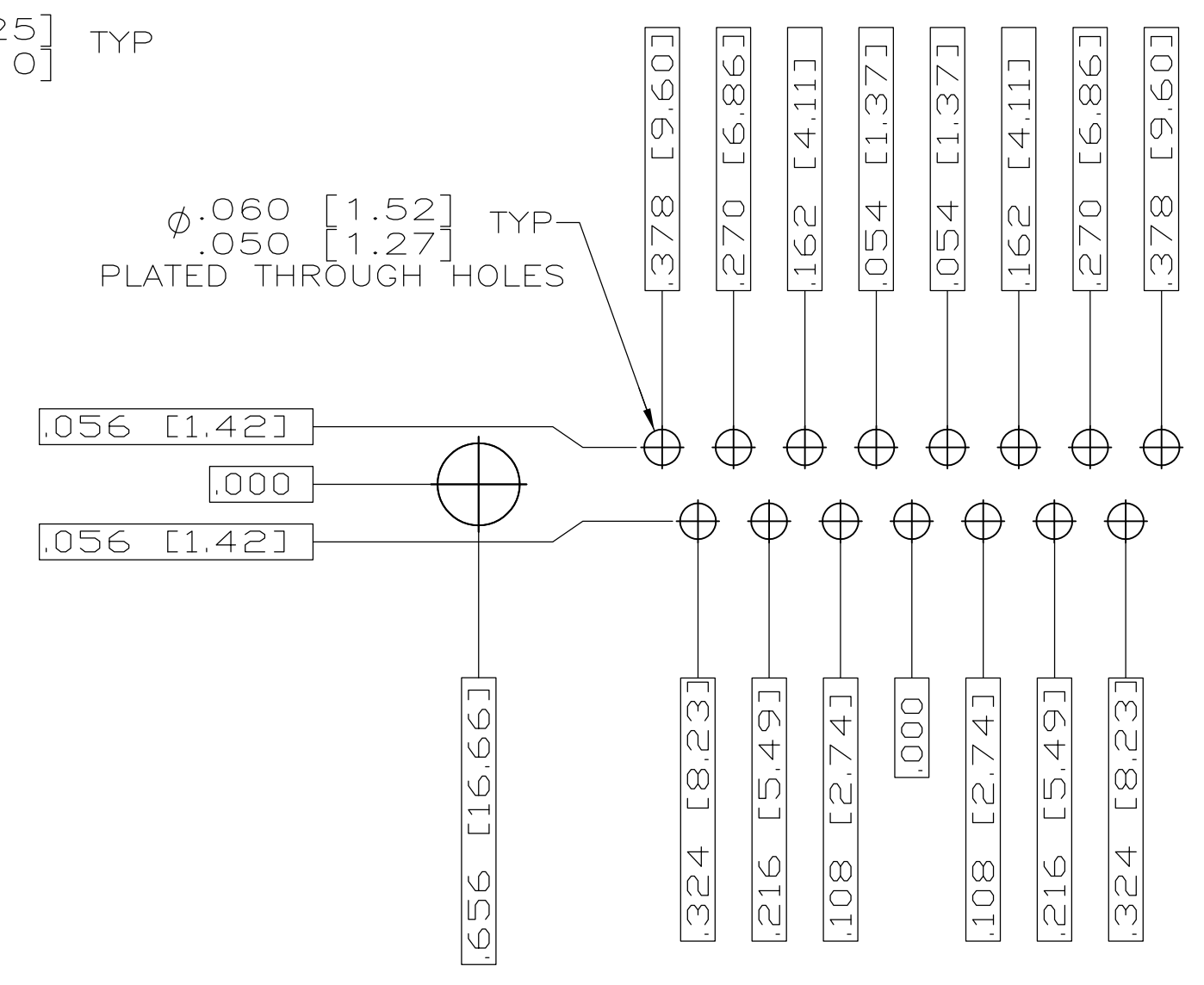
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DRAWN: C.C. THOMAS 3-22-06	CHK: D. MILLER 3-27-06	APPROVED: D. MILLER 3-27-06	NAME: D. MILLER	DATE: 3-27-06	PRODUCT SPEC: RECEPTACLE ASSEMBLY, AMPLIMITE, POSTED SERIES 109, SIZE 1 THRU 5
MATERIAL: SEE CALLOUTS	FINISH: SEE CALLOUTS	WEIGHT: -	SIZE: A1	DWG NO: 00779	DATE CODE: 1757832	RESTRICTED TO: -	

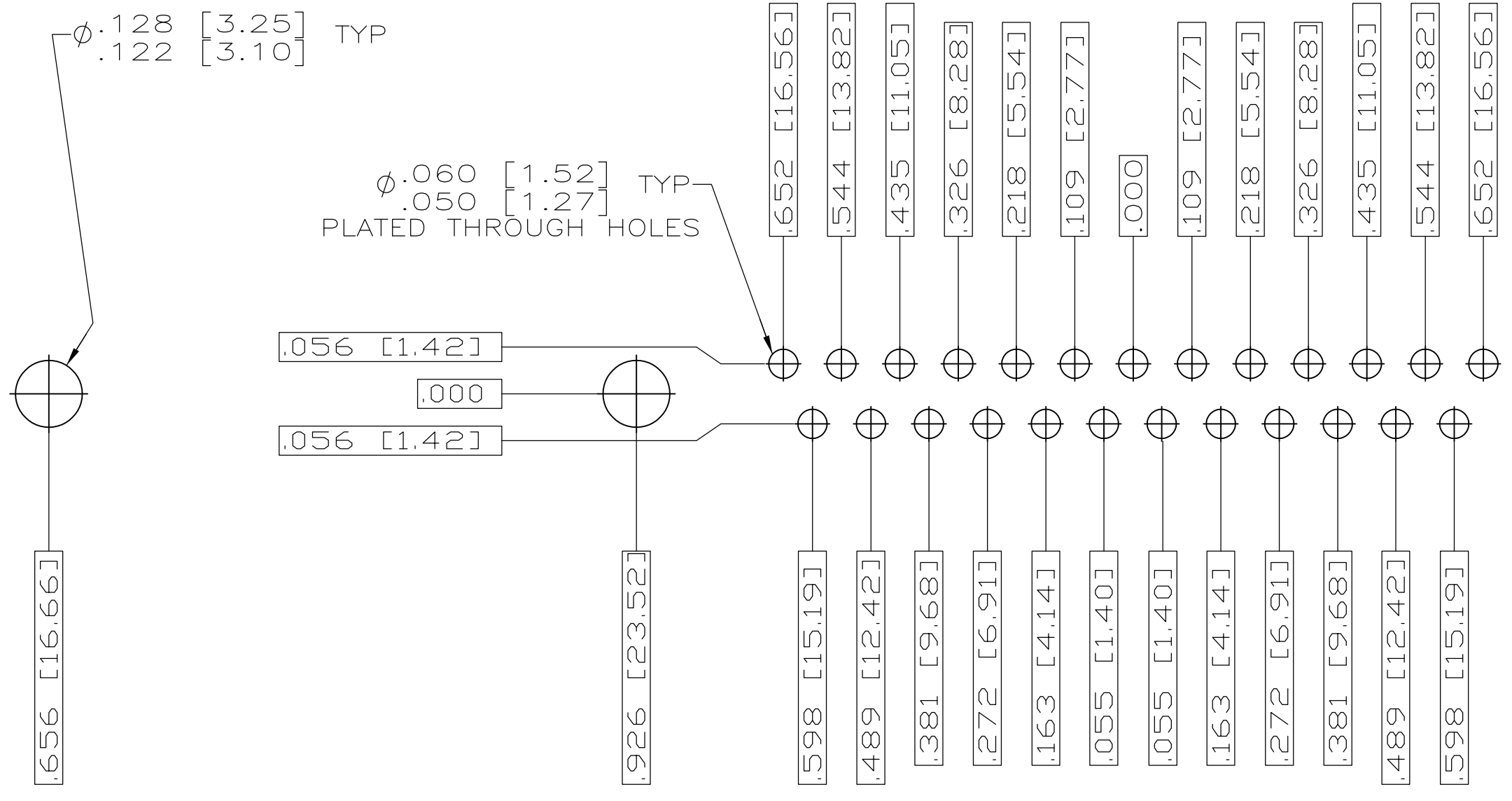
CUSTOMER DRAWING SCALE 4:1 SHEET 1 OF 2 REV B



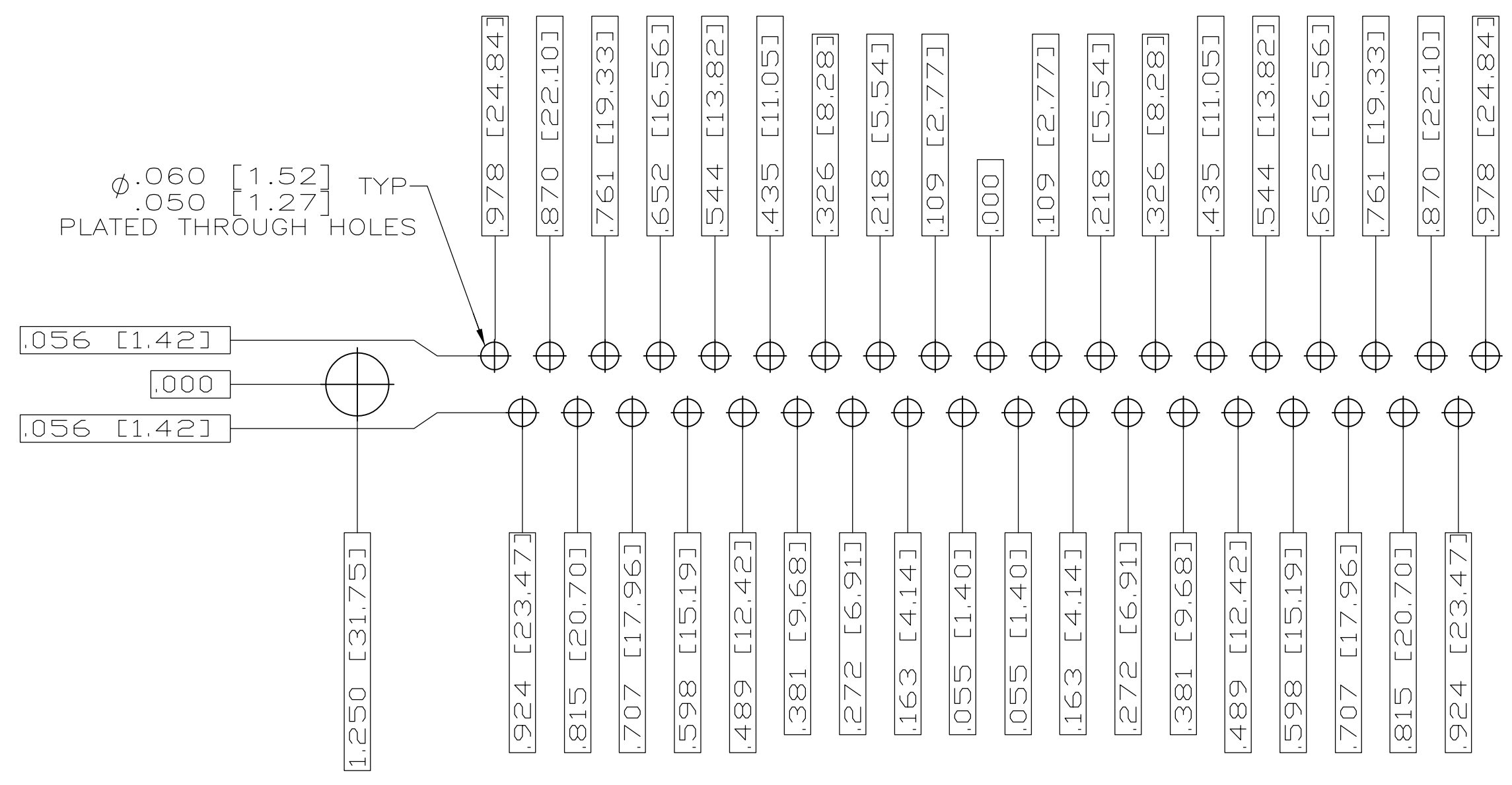
RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 1 (9 POSITION) ⚠



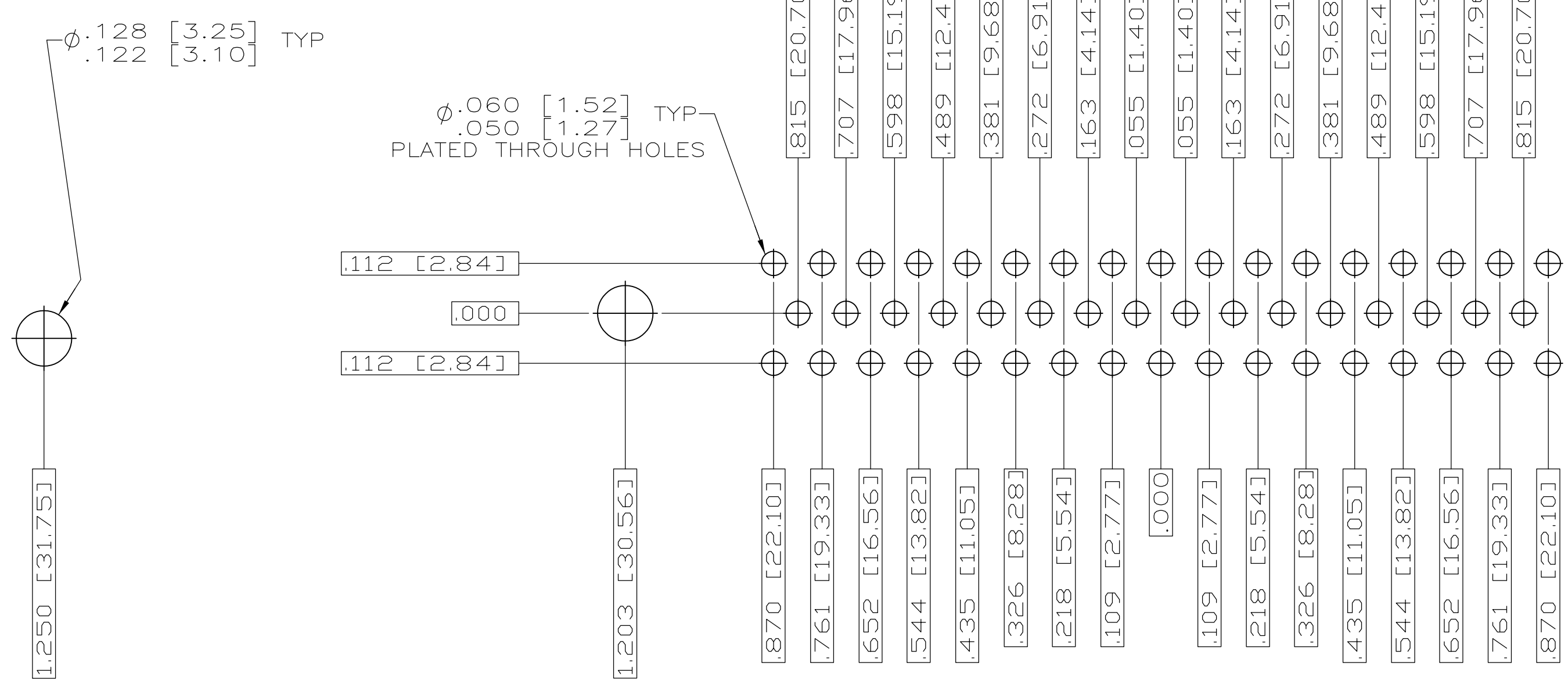
RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 2 (15 POSITION) ⚠



RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 3 (25 POSITION) ⚠



RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 4 (37 POSITION) ⚠



RECOMMENDED P.C. BOARD LAYOUT
SHELL SIZE 5 (50 POSITION) ⚠

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 3-22-06	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES		CHK D.HOFFMAN 3-27-06	NAME RECEPTACLE ASSEMBLY,AMPLIMITE POSTED,SERIES 109,SIZE 1 THRU 5	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PL ± .005 1 PL ± .005 2 PL ± .005 3 PL ± .005 4 PL ± .005 ANGLES ± .1°		APR D.MILLER 3-27-06	RESTRICTED TO	
MATERIAL SEE CALLOUTS		FINISH SEE CALLOUTS	SIZE A1	CAGE CODE 00779
CUSTOMER DRAWING		SCALE 4:1	SHEET 2 OF 2	REV B