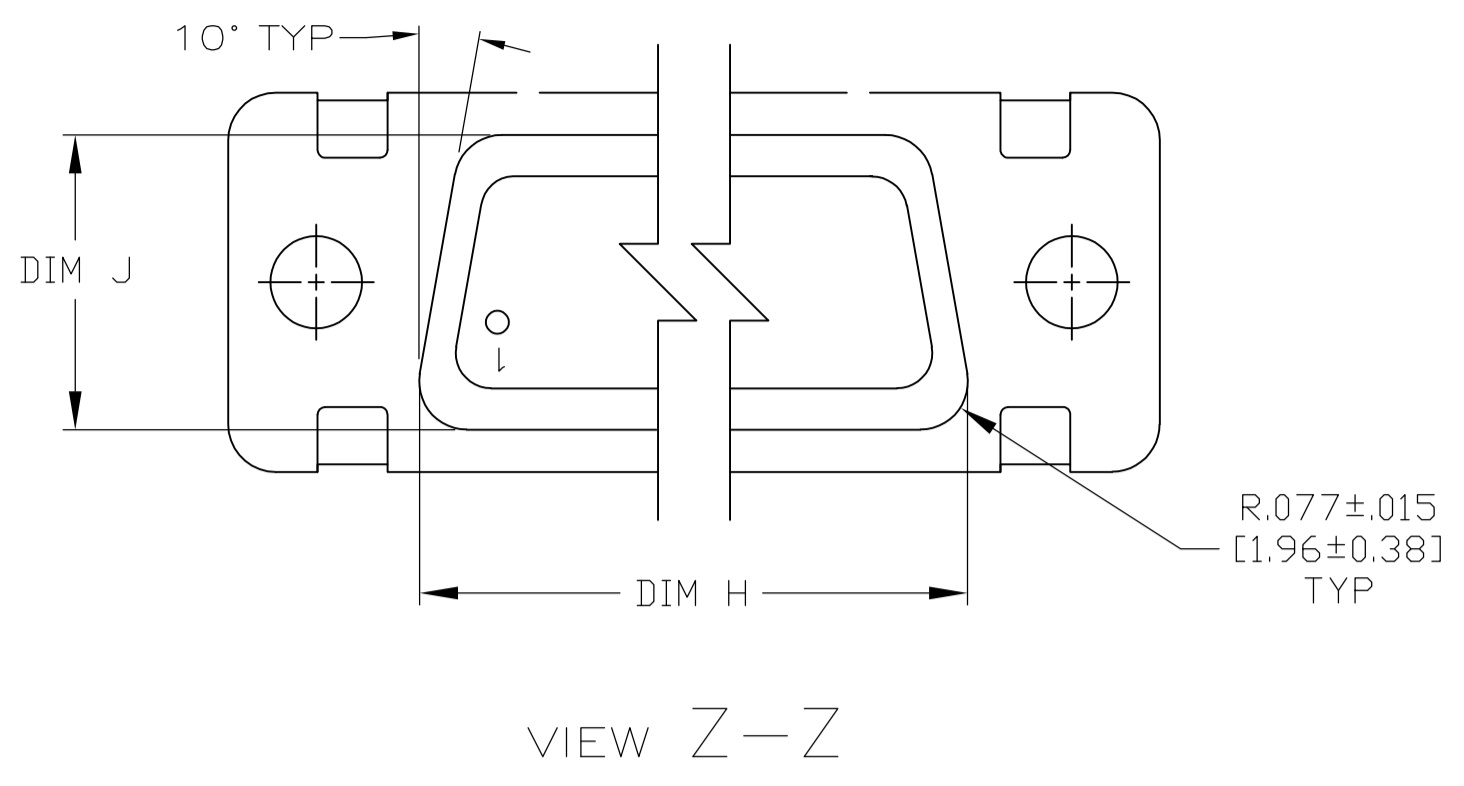
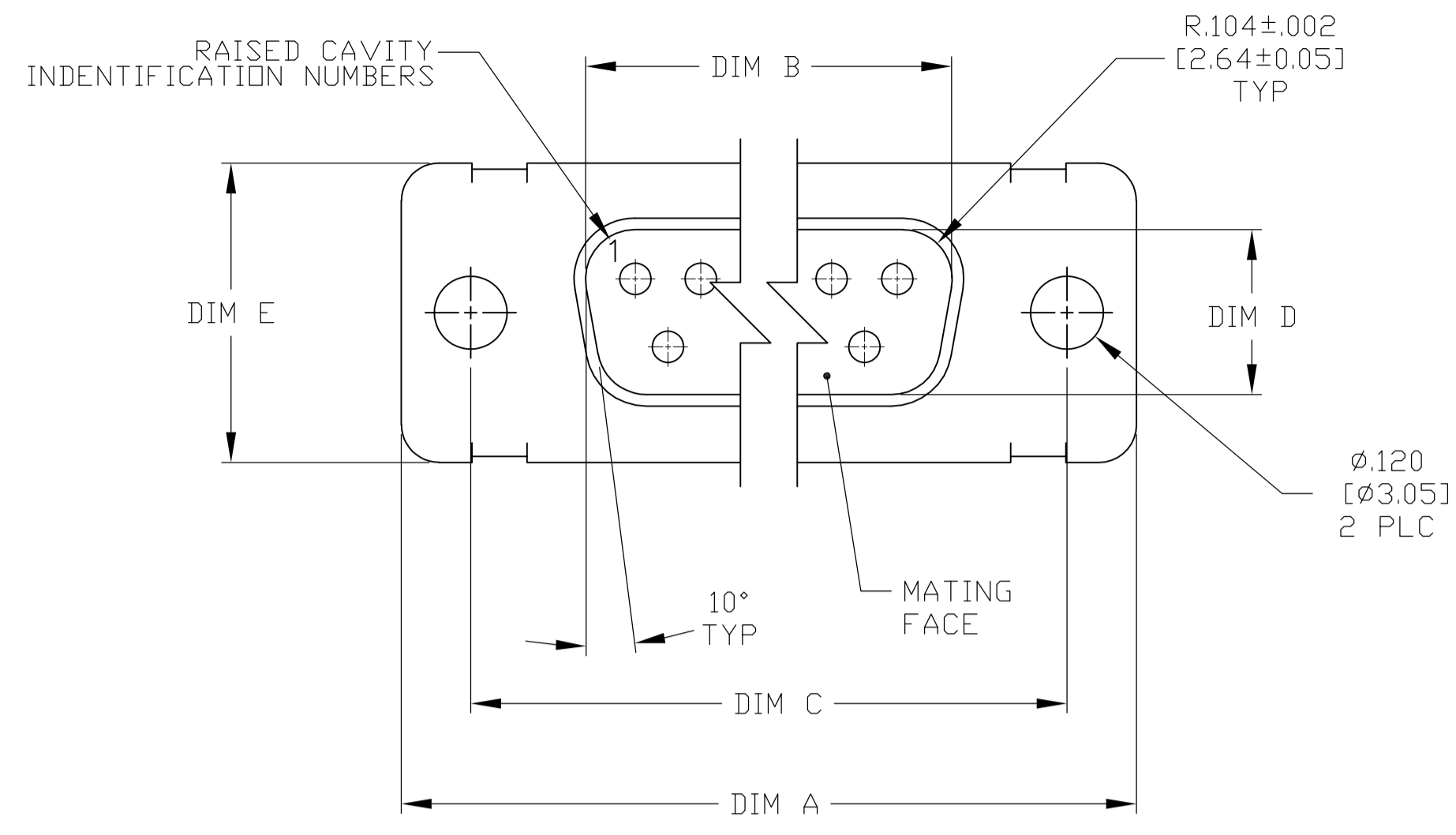
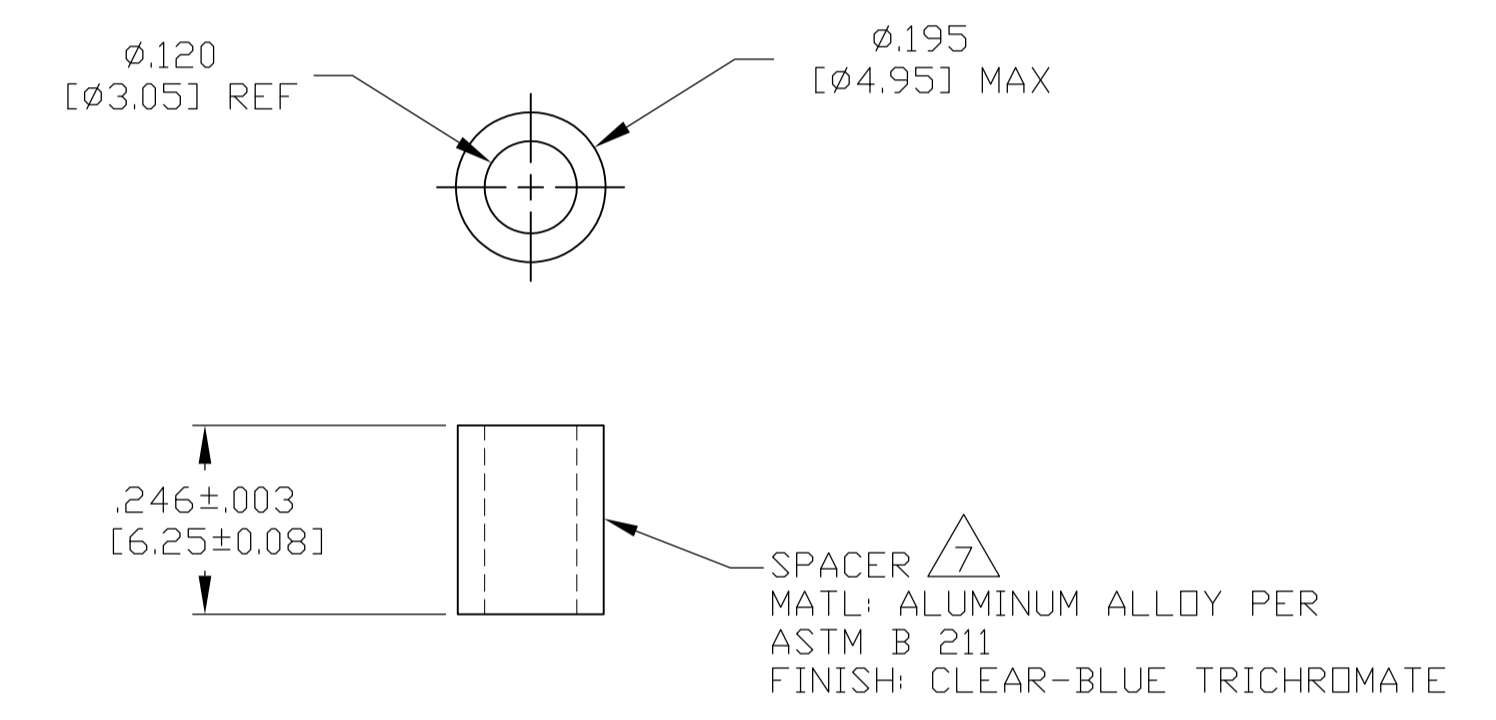
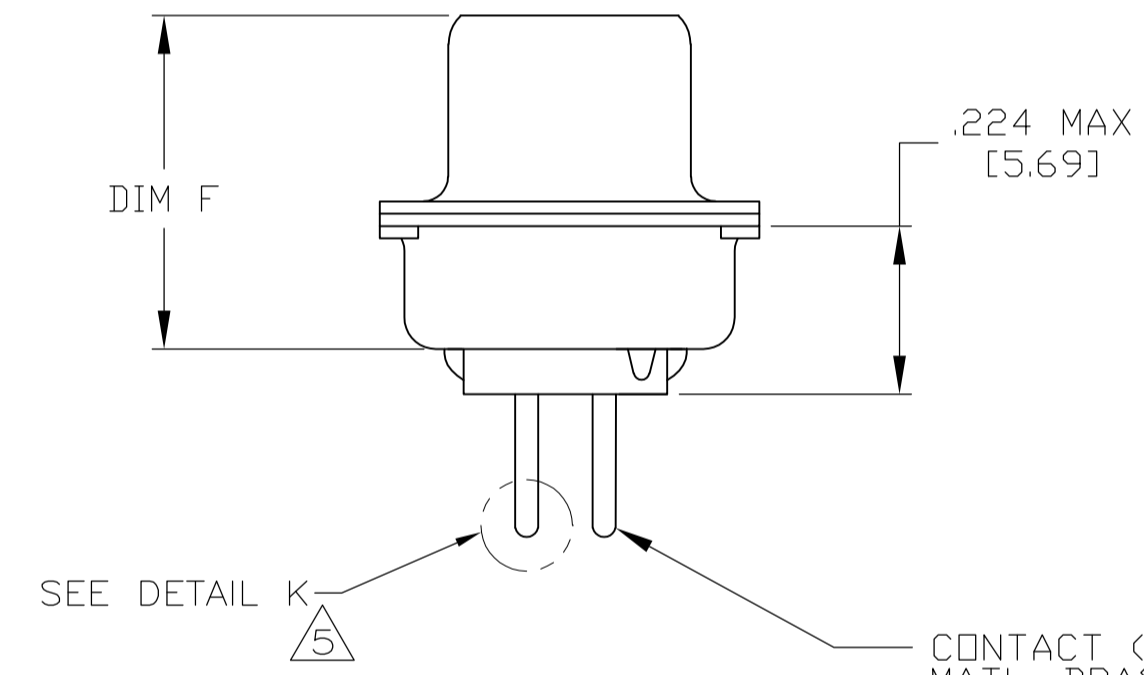
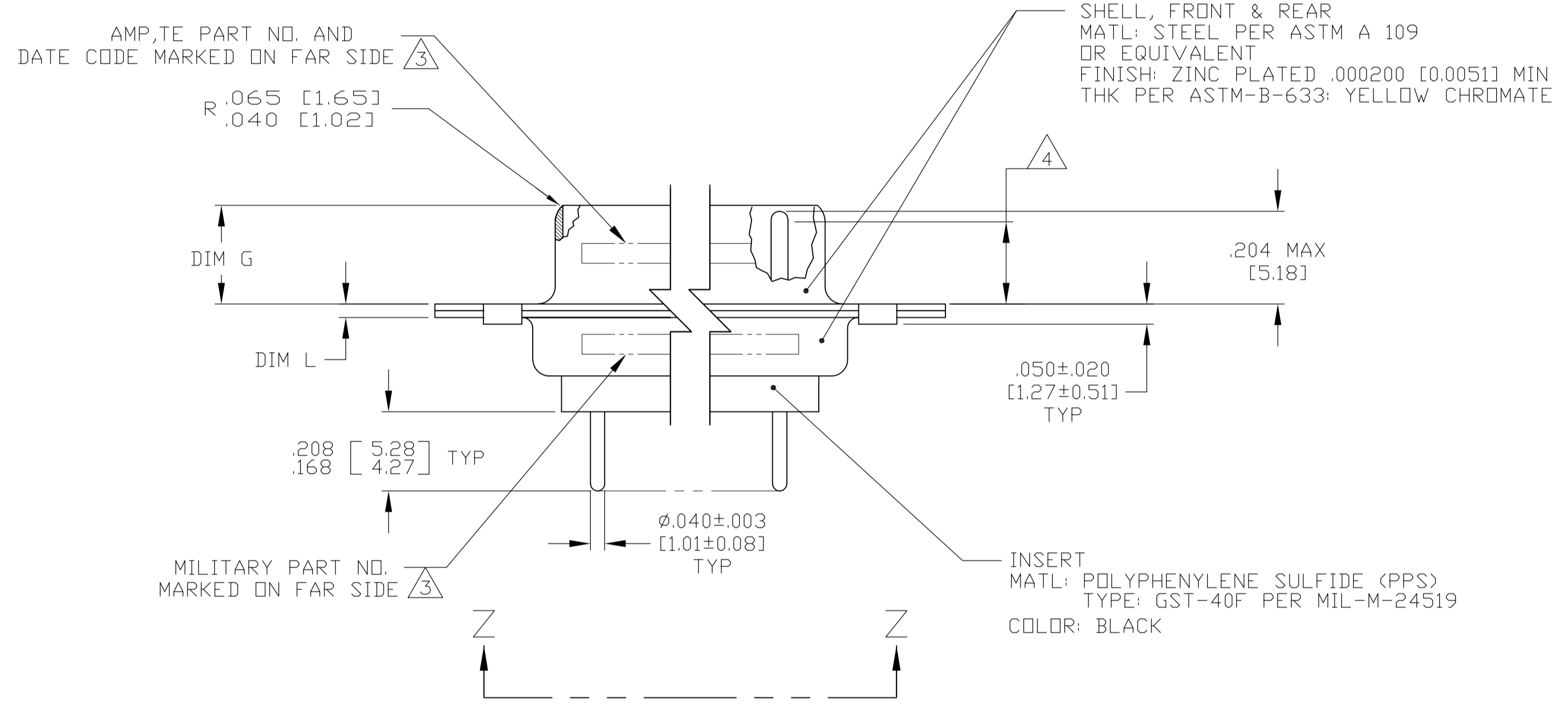


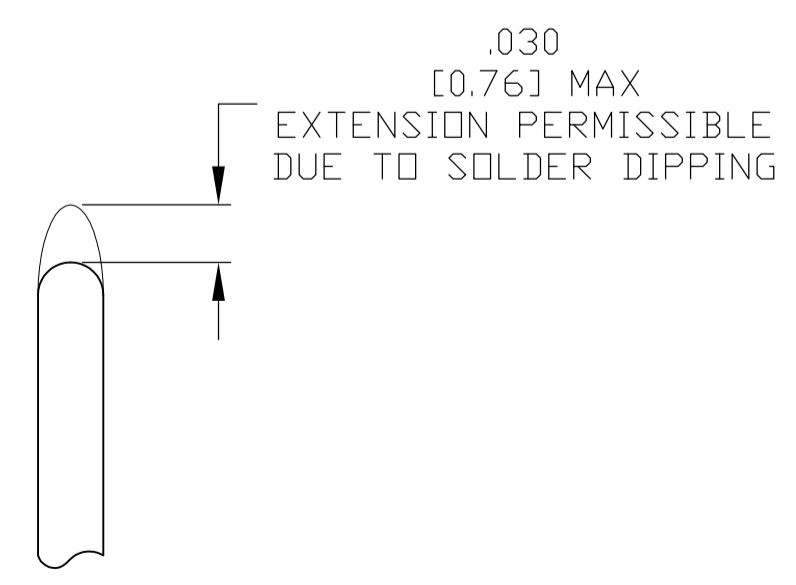
REVISES		DATE	BY	APP'D
NO.	DESCRIPTION			
1	REV PER ECO 15-015343	12-10-15	CT	CD



- 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-DTL-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. TE PART NUMBER ON REAR SHELL, NEAR SIDE.
 IF THE FRONT SHELL IS TOO SMALL FOR "AMP", TE PART NUMBER AND DATE CODE, MARKING SHALL BE SPLIT AS FOLLOWS:
  - A. TE 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. REQUIREMENT FOR FULL PIN DIAMETER EXTENSION: .159 [4.04] MIN FOR SHELL SIZE 1 THRU 2; .150 [3.81] MIN FOR SHELL SIZE 3, 4 & 5.
- 5. SOLDER DIPPED PER J-STD-001 WITH Sn63 SOLDER PER J-STD-006 IN THE ENTIRE AREA OF DIMENSION SHOWN. (1757833-6 THRU -10 ONLY.)
- 6. MEETS SOLDERABILITY PER MIL-STD-202 METHOD 208.
- 7. SPACERS (QTY = 2) ARE SUPPLIED WITH CONNECTOR; NOT ATTACHED.



CONTACT (QTY = NO. OF POSN)  
 MATL: BRASS PER ASTM-B-16, OR BERYLLIUM COPPER PER ASTM-B-194  
 FINISH: GOLD PER ASTM-B-488, TYPE II, GRADE C, CLASS 1.27 IN CONTACT MATING AREA, .000010 [0.0003] MIN THK GOLD PER ASTM-B-488 OVER .000050 [0.0013] MIN THK NICKEL PER SAE-AMS-QQ-N-290 ON CONTACT BODY



.049	[1.24]	.544	[13.82]	2.188	[55.58]	.236	[5.99]	.436	[11.07]	.620	[15.75]	.446	[11.33]	2.411	[61.24]	2.084	[52.93]	2.650	[67.31]	MS18277-1	50	5	M24308/24-23Z	1757833-5	1-1757833-0	△
.029	[0.74]	.524	[13.31]	2.168	[55.07]	.224	[5.69]	.416	[10.57]	.590	[14.99]	.436	[11.07]	2.401	[60.99]	2.074	[52.68]	2.620	[66.55]	MS18276-1	37	4	M24308/24-22Z	1757833-4	1757833-9	△
.049	[1.24]	.432	[10.97]	2.282	[57.96]	.236	[5.99]	.436	[11.07]	.509	[12.93]	.334	[8.48]	2.505	[63.63]	2.187	[55.55]	2.744	[69.70]	MS18275-1	25	3	M24308/24-21Z	1757833-3	1757833-8	△
.029	[0.74]	.412	[10.46]	2.262	[57.45]	.224	[5.69]	.416	[10.57]	.479	[12.17]	.324	[8.23]	2.495	[63.37]	2.177	[55.30]	2.714	[68.94]	MS18274-1	15	2	M24308/24-20Z	1757833-2	1757833-7	△
.049	[1.24]	.432	[10.97]	1.635	[41.53]	.236	[5.99]	.436	[11.07]	.509	[12.93]	.334	[8.48]	1.857	[47.17]	1.539	[39.09]	2.103	[53.42]	MS18273-1	9	1	M24308/24-19Z	1757833-1	1757833-6	△
.029	[0.74]	.412	[10.46]	1.615	[41.02]	.224	[5.69]	.416	[10.57]	.479	[12.17]	.324	[8.23]	1.847	[46.91]	1.529	[38.84]	2.073	[52.65]	MS18272-1	9	1	M24308/24-18Z	1757833-1	1757833-5	△
.049	[1.24]	.432	[10.97]	1.093	[27.76]	.238	[6.05]	.432	[10.97]	.509	[12.93]	.334	[8.48]	1.317	[33.45]	.999	[25.37]	1.556	[39.52]	MS18271-1	15	2	M24308/24-17Z	1757833-2	1757833-4	△
.029	[0.74]	.412	[10.46]	1.073	[27.25]	.229	[5.82]	.412	[10.46]	.479	[12.17]	.324	[8.23]	1.307	[33.20]	.989	[25.12]	1.526	[38.76]	MS18270-1	9	1	M24308/24-16Z	1757833-1	1757833-3	△
.049	[1.24]	.432	[10.97]	.769	[19.53]	.238	[6.05]	.432	[10.97]	.509	[12.93]	.334	[8.48]	.989	[25.12]	.671	[17.04]	1.228	[31.19]	MS18269-1	9	1	M24308/24-15Z	1757833-1	1757833-2	△
.029	[0.74]	.412	[10.46]	.749	[19.02]	.229	[5.82]	.412	[10.46]	.479	[12.17]	.324	[8.23]	.979	[24.87]	.661	[16.79]	1.198	[30.43]	MS18268-1	9	1	M24308/24-14Z	1757833-1	1757833-1	△
.049	[1.24]	.544	[13.82]	2.188	[55.58]	.236	[5.99]	.436	[11.07]	.620	[15.75]	.446	[11.33]	2.411	[61.24]	2.084	[52.93]	2.650	[67.31]	MS18277-1	50	5	M24308/24-23Z	1757833-5	1757833-5	△
.029	[0.74]	.524	[13.31]	2.168	[55.07]	.224	[5.69]	.416	[10.57]	.590	[14.99]	.436	[11.07]	2.401	[60.99]	2.074	[52.68]	2.620	[66.55]	MS18276-1	37	4	M24308/24-22Z	1757833-4	1757833-4	△
.049	[1.24]	.432	[10.97]	2.282	[57.96]	.236	[5.99]	.436	[11.07]	.509	[12.93]	.334	[8.48]	2.505	[63.63]	2.187	[55.55]	2.744	[69.70]	MS18275-1	25	3	M24308/24-21Z	1757833-3	1757833-3	△
.029	[0.74]	.412	[10.46]	2.262	[57.45]	.224	[5.69]	.416	[10.57]	.479	[12.17]	.324	[8.23]	2.495	[63.37]	2.177	[55.30]	2.714	[68.94]	MS18274-1	15	2	M24308/24-20Z	1757833-2	1757833-2	△
.049	[1.24]	.432	[10.97]	1.635	[41.53]	.236	[5.99]	.436	[11.07]	.509	[12.93]	.334	[8.48]	1.857	[47.17]	1.539	[39.09]	2.103	[53.42]	MS18273-1	9	1	M24308/24-19Z	1757833-1	1757833-1	△
.029	[0.74]	.412	[10.46]	1.615	[41.02]	.224	[5.69]	.416	[10.57]	.479	[12.17]	.324	[8.23]	1.847	[46.91]	1.529	[38.84]	2.073	[52.65]	MS18272-1	9	1	M24308/24-18Z	1757833-1	1757833-1	△
.049	[1.24]	.432	[10.97]	1.093	[27.76]	.238	[6.05]	.432	[10.97]	.509	[12.93]	.334	[8.48]	1.317	[33.45]	.999	[25.37]	1.556	[39.52]	MS18271-1	15	2	M24308/24-17Z	1757833-2	1757833-2	△
.029	[0.74]	.412	[10.46]	1.073	[27.25]	.229	[5.82]	.412	[10.46]	.479	[12.17]	.324	[8.23]	1.307	[33.20]	.989	[25.12]	1.526	[38.76]	MS18270-1	9	1	M24308/24-16Z	1757833-1	1757833-1	△
.049	[1.24]	.432	[10.97]	.769	[19.53]	.238	[6.05]	.432	[10.97]	.509	[12.93]	.334	[8.48]	.989	[25.12]	.671	[17.04]	1.228	[31.19]	MS18269-1	9	1	M24308/24-15Z	1757833-1	1757833-1	△
.029	[0.74]	.412	[10.46]	.749	[19.02]	.229	[5.82]	.412	[10.46]	.479	[12.17]	.324	[8.23]	.979	[24.87]	.661	[16.79]	1.198	[30.43]	MS18268-1	9	1	M24308/24-14Z	1757833-1	1757833-1	△
L	J	H	G	F	E	D	C	B	A																	

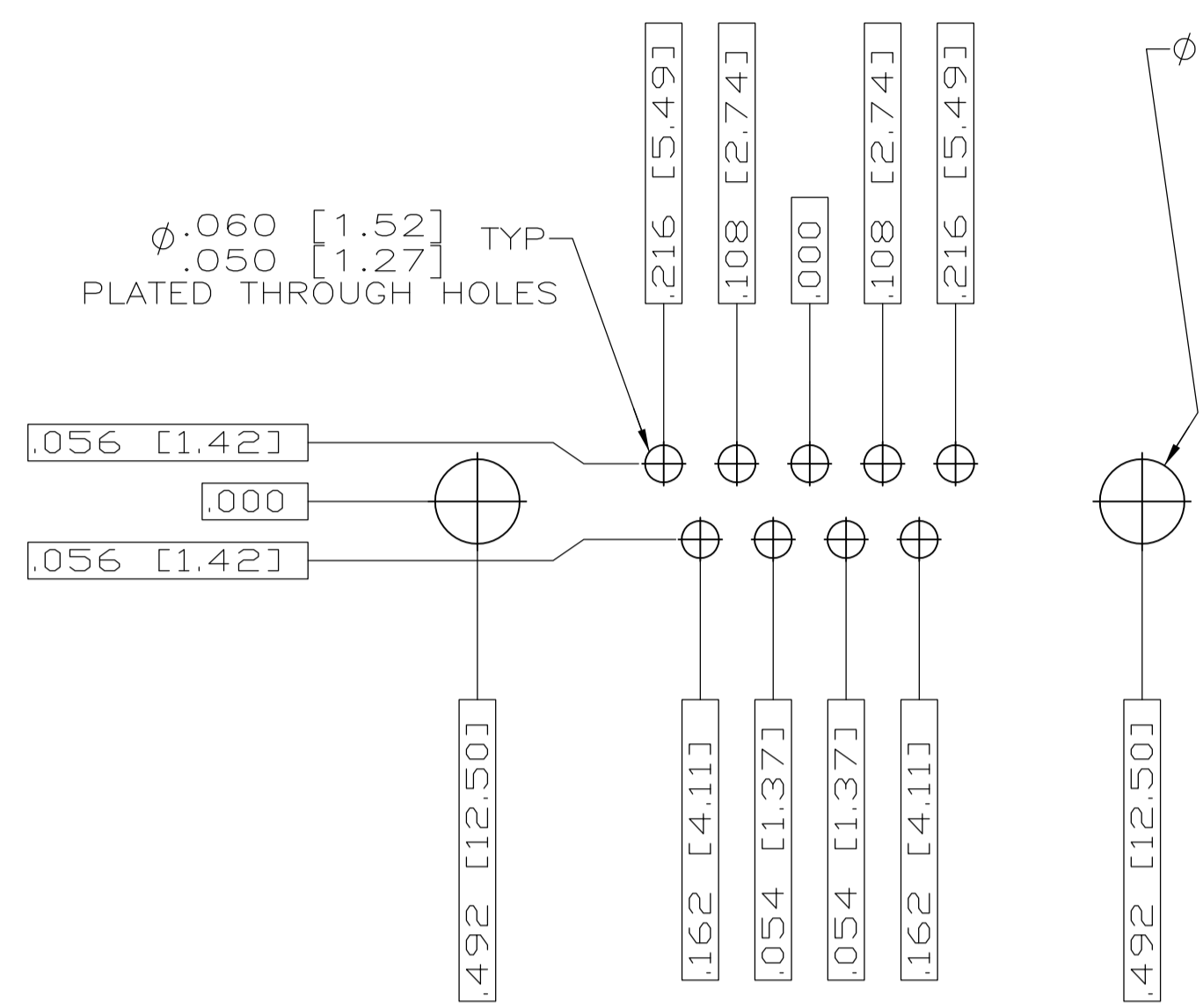
DETAIL K  
 SCALE 10:1  
 FOR 1757833-6 THRU -10 ONLY

THIS DRAWING IS A CONTROLLED DOCUMENT.

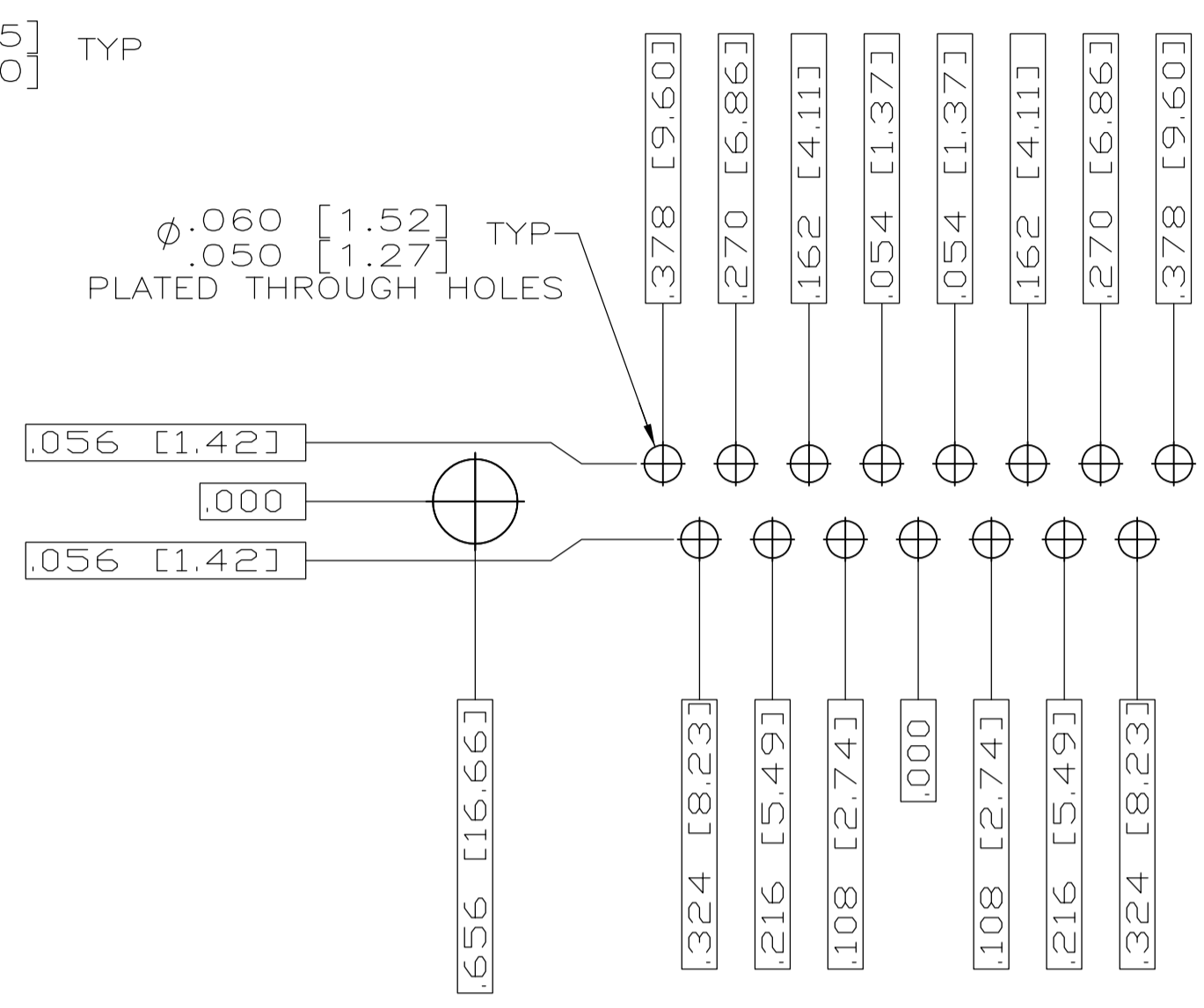
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0 PLC ± .005	1 PLC ± .005	2 PLC ± .005	3 PLC ± .005	4 PLC ± .005	ANGLES ± 1'
MATERIAL: SEE CALLOUTS	FINISH: SEE CALLOUTS	WEIGHT: —	SIZE: A1	CAGE CODE: 00779	DRAWING NO: 1757833
CUSTOMER DRAWING		SCALE: 4:1	SHEET: 1 OF 2	REV: C	

STE TE Connectivity

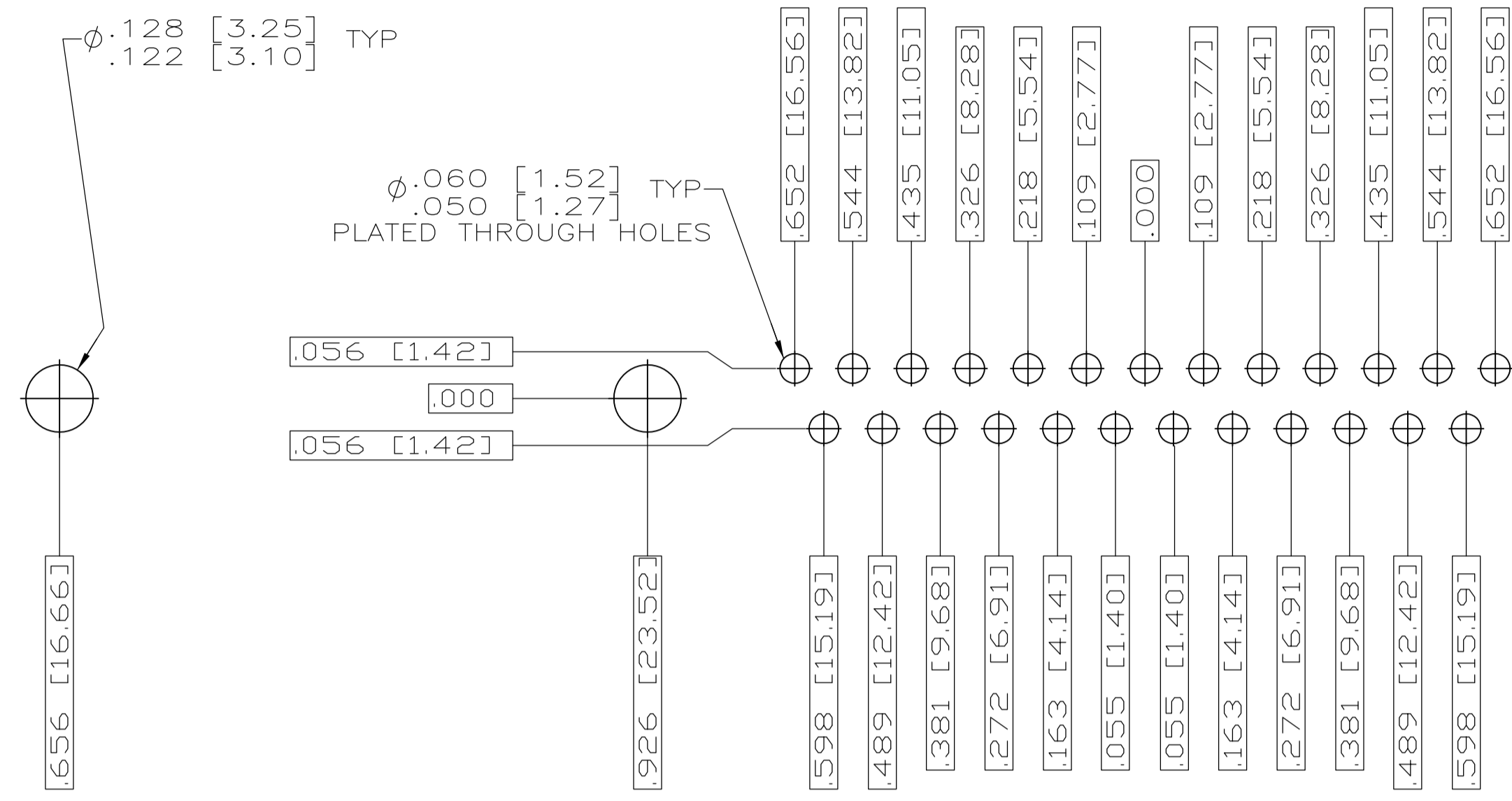
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P	LTR	DESCRIPTION	DATE	DNW	APVD		
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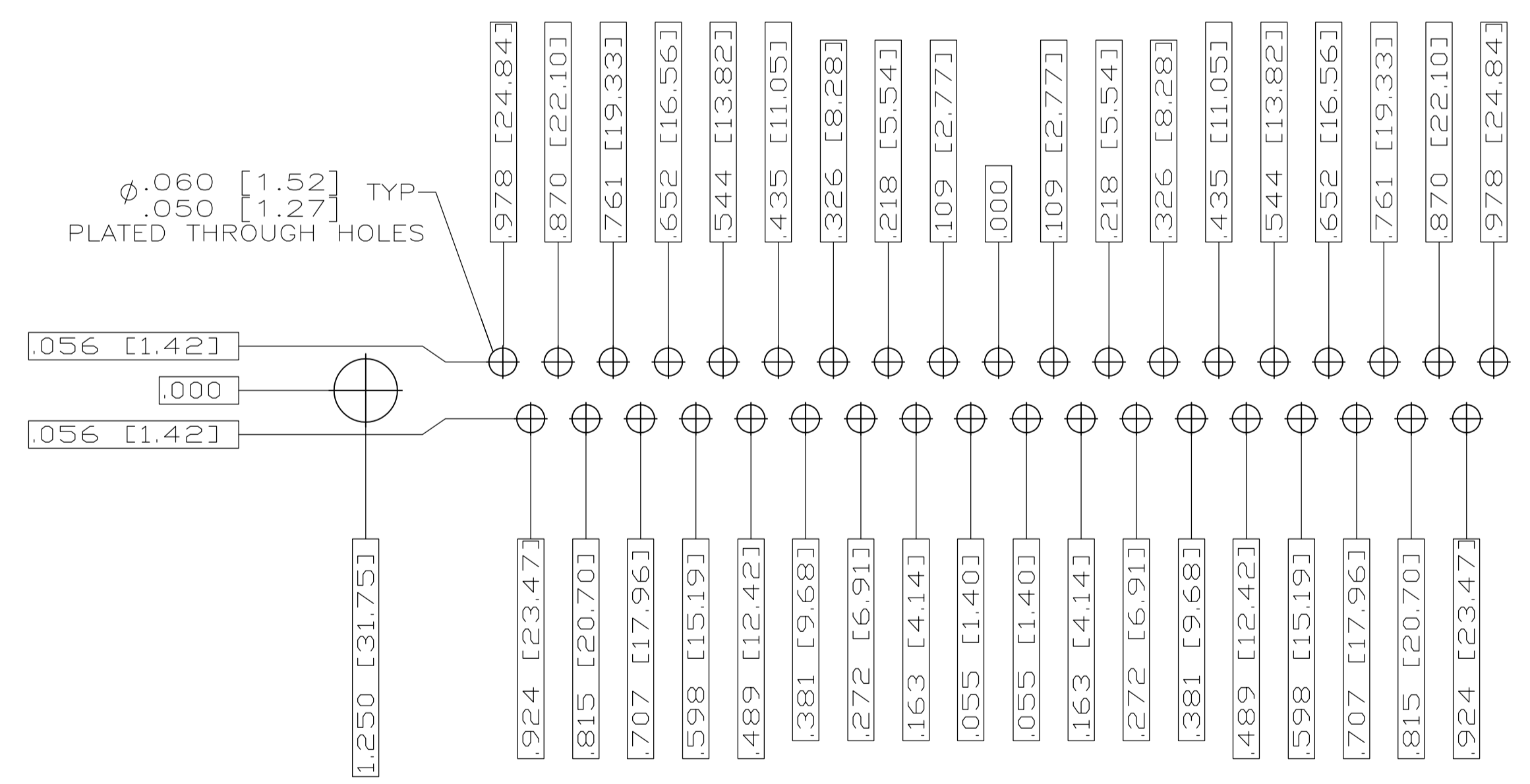
RECOMMENDED P.C. BOARD LAYOUT  
SHELL SIZE 1 (9 POSITION)



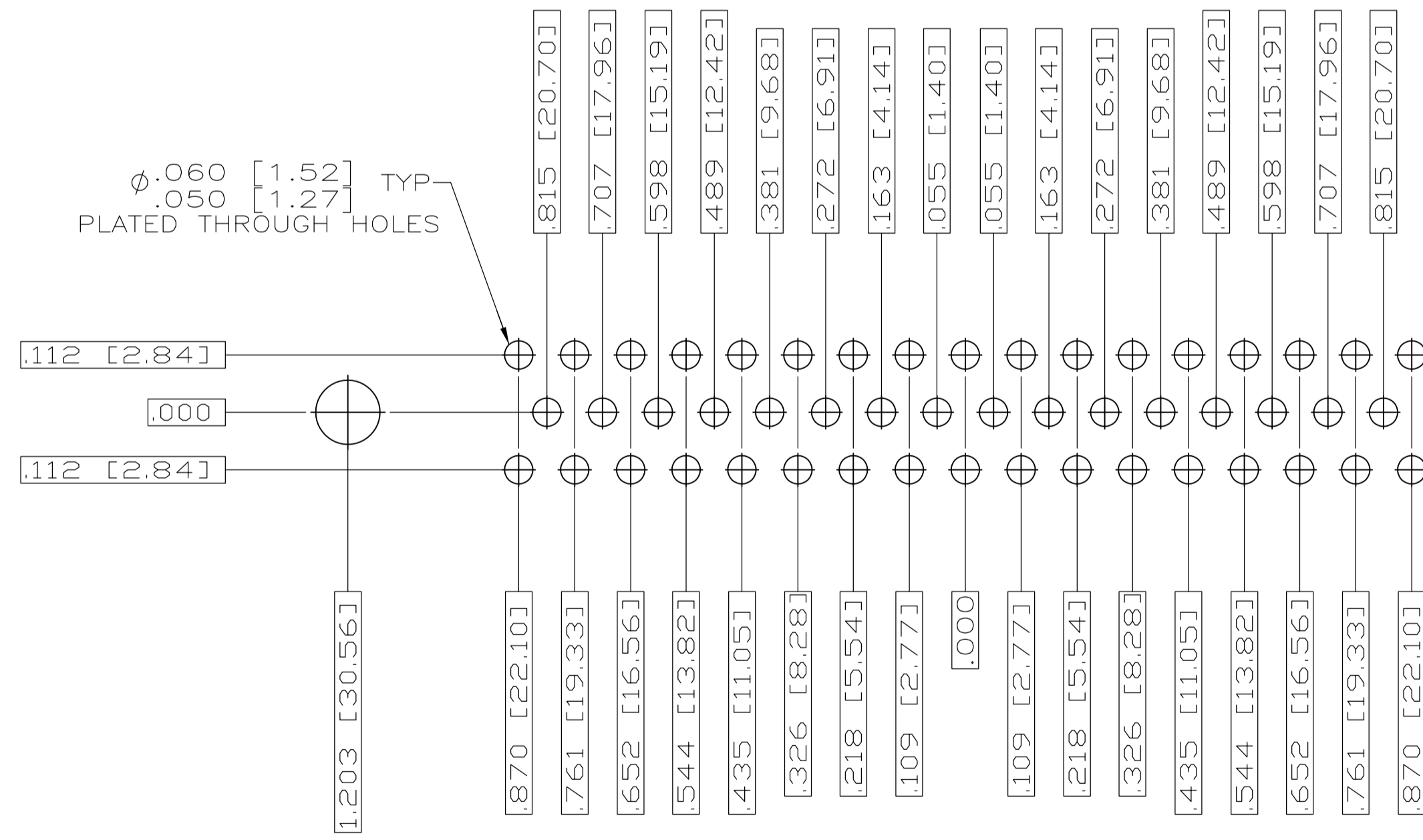
RECOMMENDED P.C. BOARD LAYOUT  
SHELL SIZE 2 (15 POSITION) ⚠



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.		DIN C.C. THOMAS 3-28-06	TE Connectivity	
DIMENSIONS: INCHES		CHK D. MILLER 3-29-06		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		
0. PLC	± .005	APPROD D. MILLER 3-29-06		
1. PLC	± .005	PRODUCT SPEC		
2. PLC	± .005	APPLICATION SPEC		
3. PLC	± .005	SIZE		
4. PLC	± .005	CAGE CODE		
ANGLES	± 1°	DRAWING NO		
MATERIAL	SEE CALLOUTS	WEIGHT		
FINISH		A1 00779 ©=1757833		
CUSTOMER DRAWING		SCALE 4:1 SHEET 2 OF 2 REV C		

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