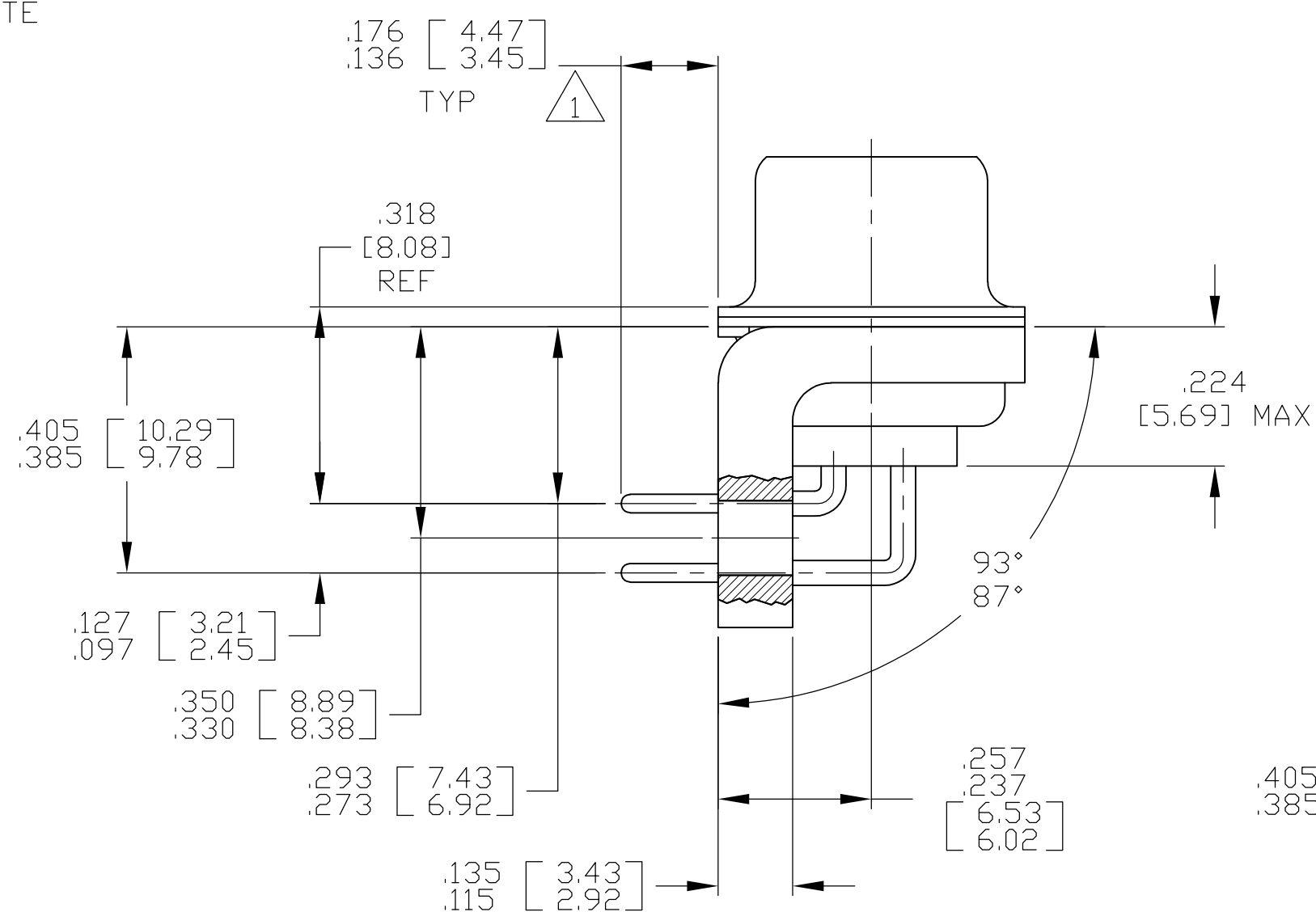
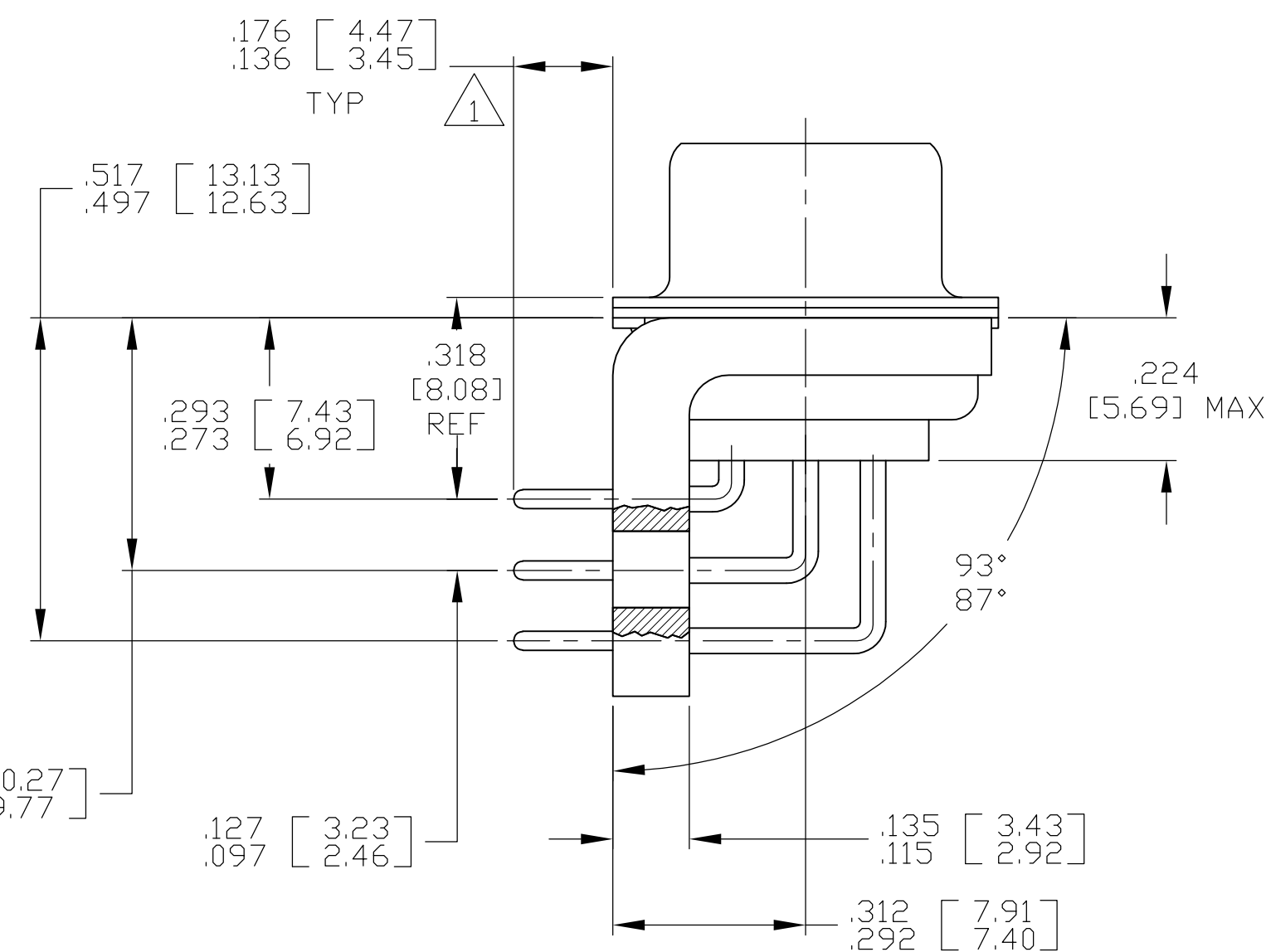


1. SEE SHEET 2 FOR RECOMMENDED P.C. BOARD LAYOUT. TRUE POSITION TOLERANCE FOR P.C.BOARD LAYOUT IS .010 [0.25] AT MAX MATERIAL CONDITION. SUGGESTED BOARD THICKNESS IS .062 [1.57]
2. THE CONNECTORS DESCRIBED IN THIS DOCUMENT MEET THE REQUIREMENTS OF MIL-C-24308 AND MATE WITH ANY PLUG CONNECTOR WITH SAME 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. "MFG'S NAME, LOGO OR TRADEMARK" 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 "MFG'S NAME, LOGO OR TRADEMARK", MFG PART NO AND DATE CODE, MARKING SHALL BE SPLIT AS FOLLOWS:
 - A. MFG'S PART NUMBER ON REAR SHELL, NEAR SIDE.
 - B. "MFG'S NAME, LOGO OR TRADEMARK" 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. (1757838-6 THRU -10 ONLY.)
6. MEETS SOLDERABILITY PER MIL-STD-202 METHOD 208.

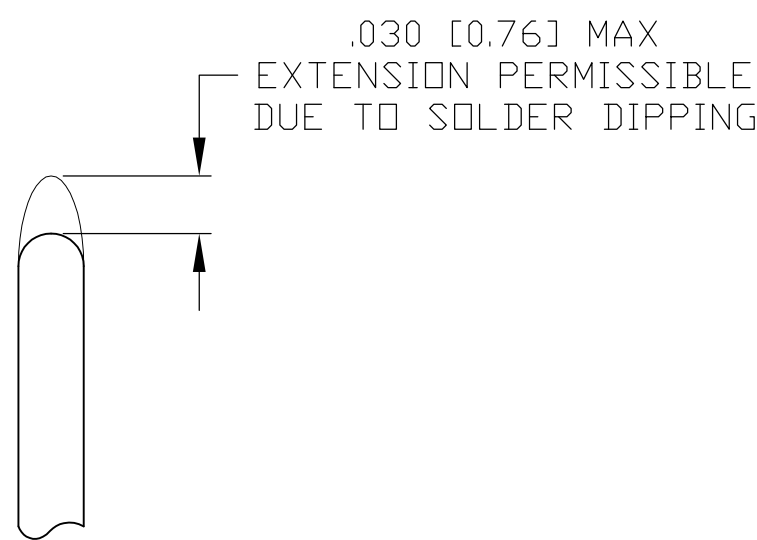


SHELL SIZES 1 THRU 4








CONTACT CONFIGURATION


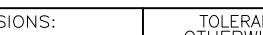


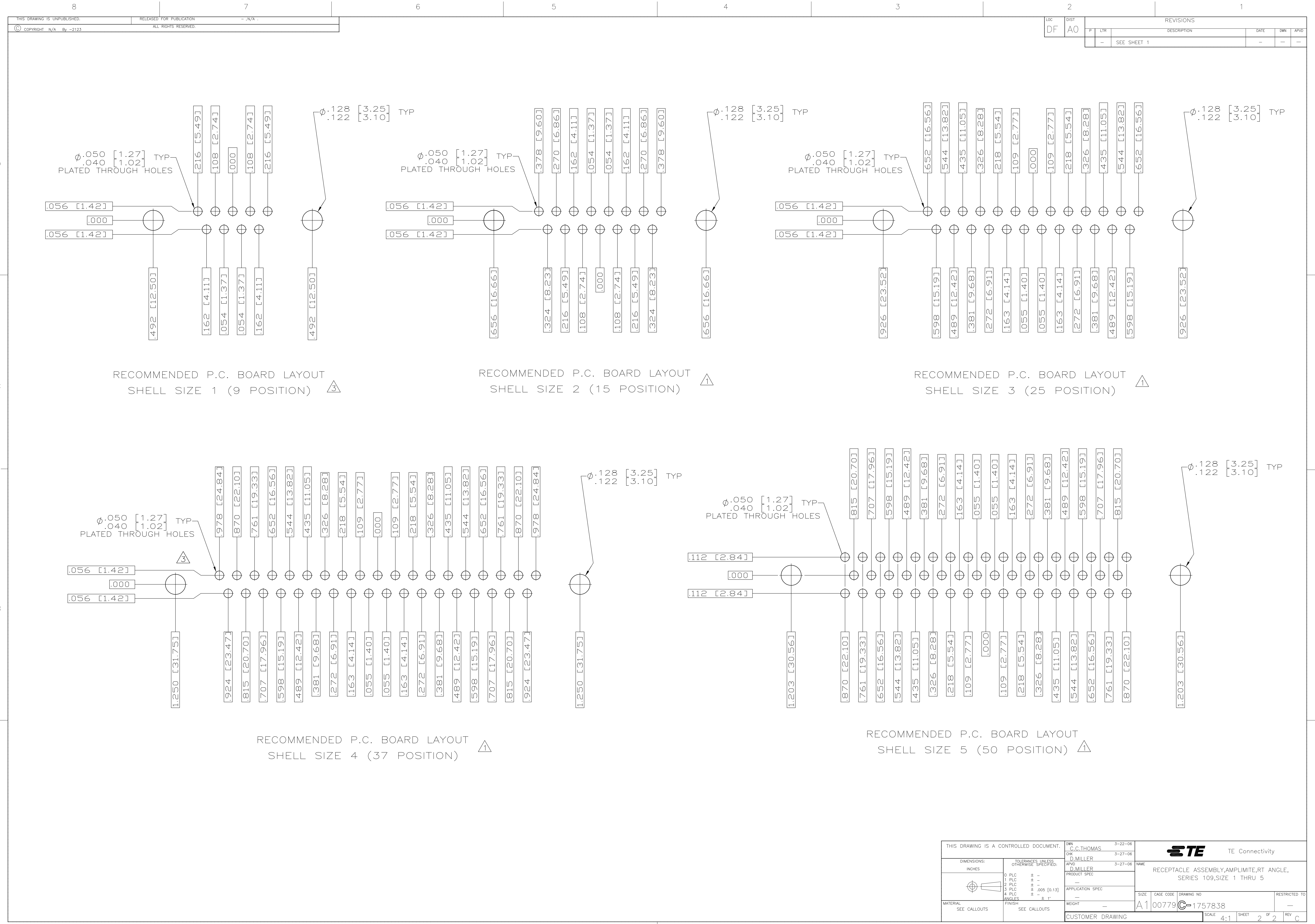
SHELL SIZE 5 CONTACT CONFIGURATION



DETAIL K 
SCALE 10:1
FOR 1757838-6 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	M24308/23-35Z	1757838-5	1-1757838-0 
.432	[13.31	2.168	55.07	.590	[14.99	.418	[10.62	2.401	60.99	2.059	52.30	2.620	[66.55						
.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						
.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	MS18276-1	37	4	M24308/23-34Z	1757838-4	1757838-9 
.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	MS18275-1	25	3	M24308/23-33Z	1757838-3	1757838-8 
.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						
.432	[10.97	1.093	27.76	.509	[12.93	.316	[8.03	1.317	33.45	.976	24.79	1.556	[39.52						
.412	[10.46	1.073	27.25	.479	[12.17	.306	[7.77	1.307	33.20	.966	24.54	1.526	[38.76	MS18274-1	15	2	M24308/23-32Z	1757838-2	1757838-7 
.432	[10.97	.769	19.53	.509	[12.93	.316	[8.03	.989	25.12	.648	16.46	1.228	[31.19	MS18273-1	9	1	M24308/23-31Z	1757838-1	1757838-6 
.412	[10.46	.749	19.02	.479	[12.17	.306	[7.77	.979	24.87	.638	16.21	1.198	[30.43						
.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						
.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	MS18277-1	50	5	M24308/23-35Z	1757838-5	1757838-5
.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	M24308/23-34Z	1757838-4	1757838-4
.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						
.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						
.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	MS18275-1	25	3	M24308/23-33Z	1757838-3	1757838-3
.432	[10.97	1.093	27.76	.509	[12.93	.316	[8.03	1.317	33.45	.976	24.79	1.556	[39.52	MS18274-1	15	2	M24308/23-32Z	1757838-2	1757838-2
.412	[10.46	1.073	27.25	.479	[12.17	.306	[7.77	1.307	33.20	.966	24.54	1.526	[38.76						
.432	[10.97	.769	19.53	.509	[12.93	.316	[8.03	.989	25.12	.648	16.46	1.228	[31.19						
.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	M24308/23-31Z	1757838-1	1757838-1
DIM J		DIM H		DIM E		DIM D		DIM C		DIM B		DIM A		INSERT ARRANGEMENT	NO OF POS	SHELL SIZE	MILITARY P/N ON CONNECTOR 	MFG P/N MARKED ON CONNECTOR 	MFG PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 3-22-06		 TE Connectivity	
		CHK D.MILLER 3-27-06			
DIMENSIONS: INCHES		TOLERANCES, UNLESS OTHERWISE SPECIFIED: APPROX D.MILLER 3-27-06		NAME	
		PRODUCT SPEC		RECEPTACLE ASSEMBLY,AMPLIMITE,RT ANGLE, SERIES 109,SIZE 1 THRU 5	
		APPLICATION SPEC			
MATERIAL		WEIGHT		SIZE	CAGE CODE
SEE CALLOUTS		—		A1	00779
FINISH		—		DRAWING NO	
SEE CALLOUTS		—		1757838	
		CUSTOMER DRAWING		SCALE	SHEET
				4:1	1 OF 2
				REV	C



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