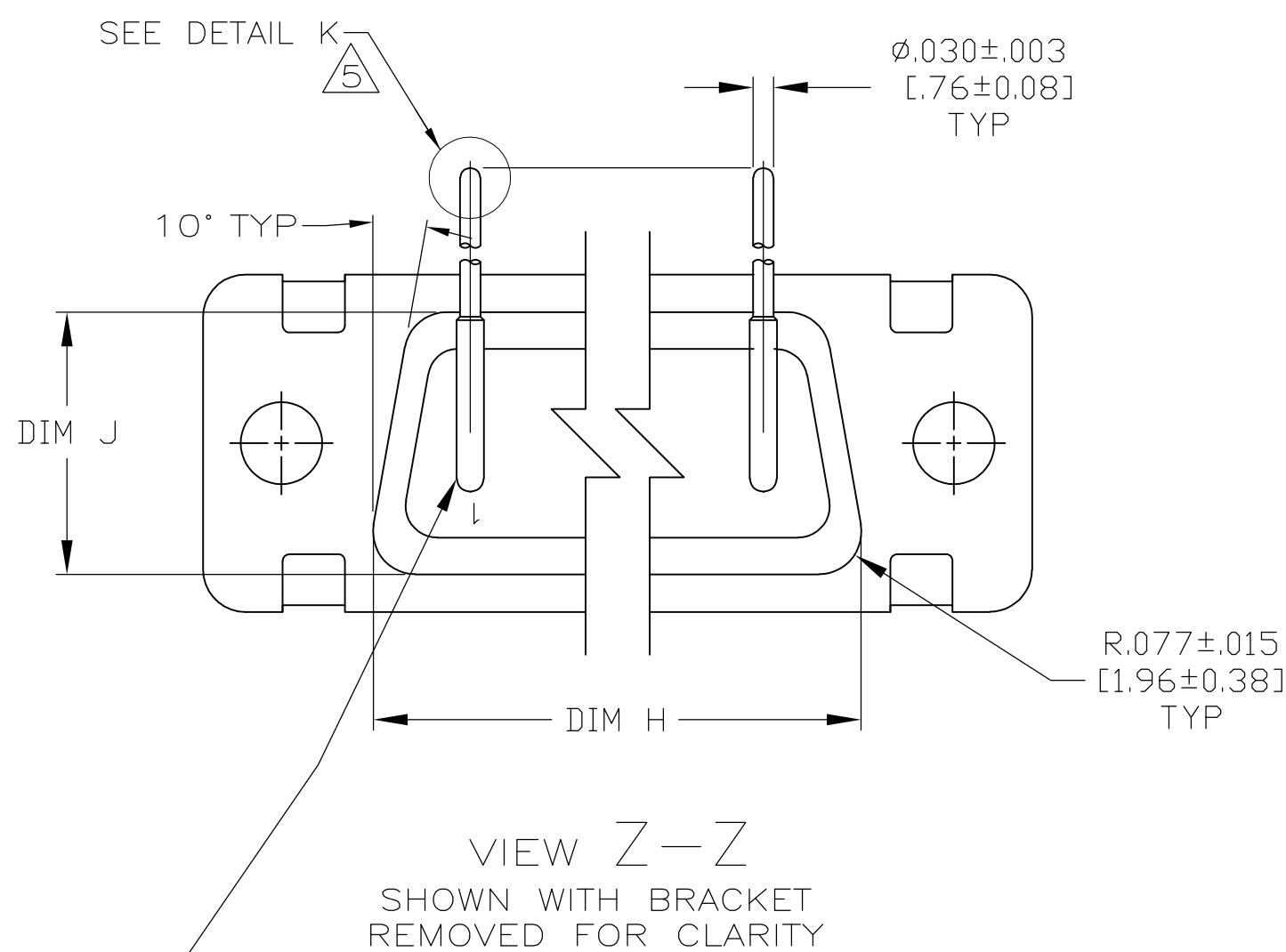
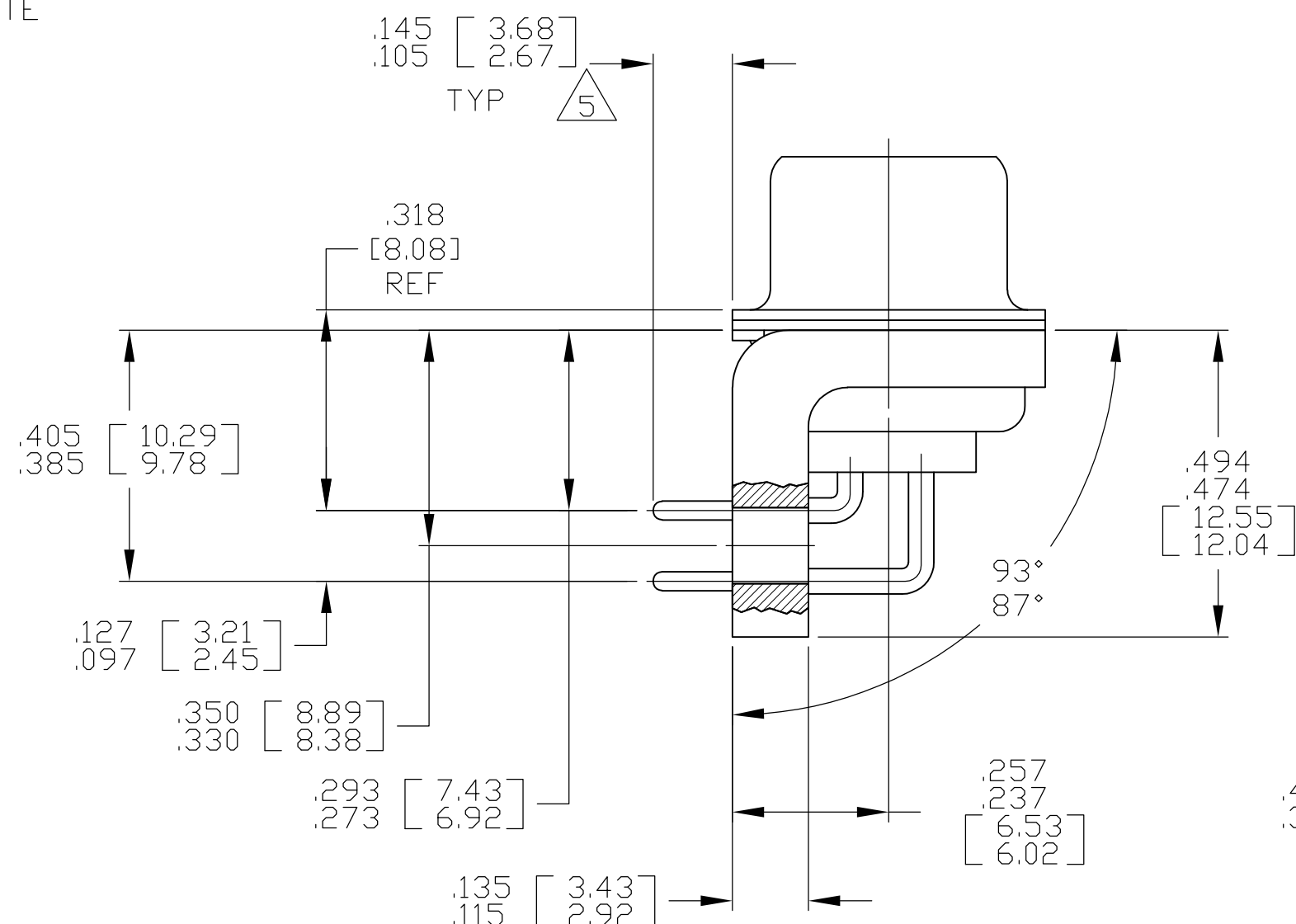




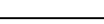
1. SEE SHEET 2 FOR RECOMMENDED P.C. BOARD LAYOUT. TRUE POSITION TOLERANCE FOR P.C. BOARD LAYOUT IS .010 [0.25] AT MAX MATERIAL CONDITION. SUGGESTED BOARD THICKNESS IS .062 [1.57]
2. THE CONNECTORS DESCRIBED IN THIS DOCUMENT MEET THE REQUIREMENTS OF MIL-C-24308 AND MATE WITH ANY RECEPTACLE CONNECTOR WITH 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 SHELL IS TOO SMALL FOR THE ENTIRE MARKING MARKING SHALL BE SPLIT AS FOLLOWS:
 - A. "M24308" ON FRONT SHELL, FAR SIDE.
 - B. SLASH SHEET AND DASH NUMBER ON REAR SHELL, FAR SIDE.
 - C. "MFG'S" (NAME, BRAND OR LOGO), AND DATE CODE ON FRONT SHELL, NEAR SIDE.
 - D. MFG'S PART NUMBER ON REAR SHELL, NEAR SIDE.
4. REQUIREMENT FOR FULL PIN DIAMETER EXTENSION:
 - .159 [4.04] MIN, SHELL SIZES 1 AND 2.
 - .150 [3.81] MIN, SHELL SIZES 3 AND 4.
5. SOLDER DIPPED PER J-STD-001 WITH Sn63 SOLDER PER J-STD-006 IN THE ENTIRE AREA OF DIMENSION SHOWN. (1757835-6 THRU -10 ONLY.)
6. MEETS SOLDERABILITY PER MIL-STD-202 METHOD 208.



SHELL SIZE 5 CONTACT CONFIGURATION

.049 029	[1.24 0.74]	.544 524	[13.82 13.31]	.2188 2.168	[55.58 55.07]	.236 224	[5.99 5.69]	.436 416	[11.07 10.57]	.620 590	[15.75 14.99]	.446 436	[11.33 11.07]	2.411 2.401	[61.24 60.99]	2.084 2.074	[52.55 52.30]	2.650 2.620	[67.31 66.55]	MS18277-1	50	5	M24308/24-29Z	1757835-5	1-1757835-0						
.049 029	[1.24 0.74]	.432 412	[10.97 10.46]	.2282 2.262	[57.96 57.45]	.236 224	[5.99 5.69]	.436 416	[11.07 10.57]	.509 479	[12.93 12.17]	.334 324	[8.48 8.23]	2.505 2.495	[63.63 63.37]	2.187 2.177	[54.97 54.71]	2.744 2.714	[69.70 68.94]	MS18276-1	37	4	M24308/24-28Z	1757835-4	1757835-9						
.049 029	[1.24 0.74]	.432 412	[10.97 10.46]	.1635 1.615	[41.53 41.02]	.236 224	[5.99 5.69]	.436 416	[11.07 10.57]	.509 479	[12.93 12.17]	.334 324	[8.48 8.23]	1.857 1.847	[47.17 46.91]	1.539 1.529	[38.51 38.25]	2.103 2.073	[53.42 52.65]	MS18275-1	25	3	M24308/24-27Z	1757835-3	1757835-8						
.040 020	[1.02 0.51]	.432 412	[10.97 10.46]	.1093 1.073	[27.76 27.25]	.238 229	[6.05 5.82]	.432 412	[10.97 10.46]	.509 479	[12.93 12.17]	.334 324	[8.48 8.23]	1.317 1.307	[33.45 33.20]	.999 .989	[24.79 24.54]	1.556 1.526	[39.52 38.76]	MS18274-1	15	2	M24308/24-26Z	1757835-2	1757835-7						
.040 020	[1.02 0.51]	.432 412	[10.97 10.46]	.769 .749	[19.53 19.02]	.238 229	[6.05 5.82]	.432 412	[10.97 10.46]	.509 479	[12.93 12.17]	.334 324	[8.48 8.23]	.989 .979	[25.12 24.87]	.671 .661	[16.46 16.21]	1.228 1.198	[31.19 30.43]	MS18273-1	9	1	M24308/24-25Z	1757835-1	1757835-6						
.049 029	[1.24 0.74]	.544 524	[13.82 13.31]	.2188 2.168	[55.58 55.07]	.236 224	[5.99 5.69]	.436 416	[11.07 10.57]	.620 590	[15.75 14.99]	.446 436	[11.33 11.07]	2.411 2.401	[61.24 60.99]	2.084 2.074	[52.55 52.30]	2.650 2.620	[67.31 66.55]	MS18277-1	50	5	M24308/24-29Z	1757835-5	1757835-5						
.049 029	[1.24 0.74]	.432 412	[10.97 10.46]	.2282 2.262	[57.96 57.45]	.236 224	[5.99 5.69]	.436 416	[11.07 10.57]	.509 479	[12.93 12.17]	.334 324	[8.48 8.23]	2.505 2.495	[63.63 63.37]	2.187 2.177	[54.97 54.71]	2.744 2.714	[69.70 68.94]	MS18276-1	37	4	M24308/24-28Z	1757835-4	1757835-4						
.049 029	[1.24 0.74]	.432 412	[10.97 10.46]	.1635 1.615	[41.53 41.02]	.236 224	[5.99 5.69]	.436 416	[11.07 10.57]	.509 479	[12.93 12.17]	.334 324	[8.48 8.23]	1.857 1.847	[47.17 46.91]	1.539 1.529	[38.51 38.25]	2.103 2.073	[53.42 52.65]	MS18275-1	25	3	M24308/24-27Z	1757835-3	1757835-3						
.040 020	[1.02 0.51]	.432 412	[10.97 10.46]	.1093 1.073	[27.76 27.25]	.238 229	[6.05 5.82]	.432 412	[10.97 10.46]	.509 479	[12.93 12.17]	.334 324	[8.48 8.23]	1.317 1.307	[33.45 33.20]	.999 .989	[24.79 24.54]	1.556 1.526	[39.52 38.76]	MS18274-1	15	2	M24308/24-26Z	1757835-2	1757835-2						
.040 020	[1.02 0.51]	.432 412	[10.97 10.46]	.769 .749	[19.53 19.02]	.238 229	[6.05 5.82]	.432 412	[10.97 10.46]	.509 479	[12.93 12.17]	.334 324	[8.48 8.23]	.989 .979	[25.12 24.87]	.671 .661	[16.46 16.21]	1.228 1.198	[31.19 30.43]	MS18273-1	9	1	M24308/24-25Z	1757835-1	1757835-1						
DIM L		DIM J		DIM H		DIM G		DIM F		DIM E		DIM D		DIM C		DIM B		DIM A		INSERT ARRANGEMENT		NO OF POS		SHELL SIZE		MILITARY P/N ON CONNECTOR		MFG'S P/N MARKED ON CONNECTOR		MFG'S PART NO.	
																															



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 10PBR2006 CHK D.MILLER 2-13-06		 TE Connectivity	
DIMENSIONS: INCHES 		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± .005 [0.13] 3 PLC ± — 4 ANGLES ± 1° FINISH		NAME PLUG ASSEMBLY,AMPLIMITE,RT ANGLE, SERIES 109,SIZE 1 THRU 5	
MATERIAL SEE CALLOUTS		PRODUCT SPEC — APPLICATION SPEC — WEIGHT —		SIZE CAGE CODE DRAWING NO A1 00779 C 1757835	
SEE CALLOUTS		CUSTOMER DRAWING		SCALE 4:1 SHEET 1 OF 2 REV B	

