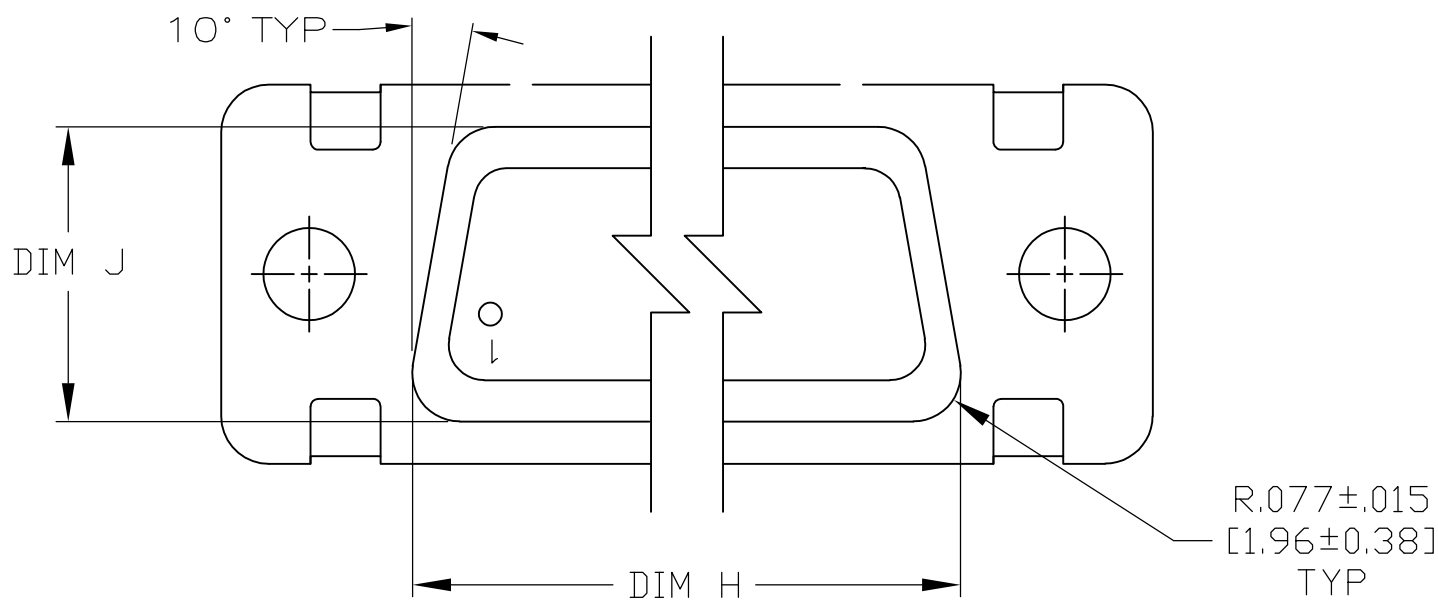
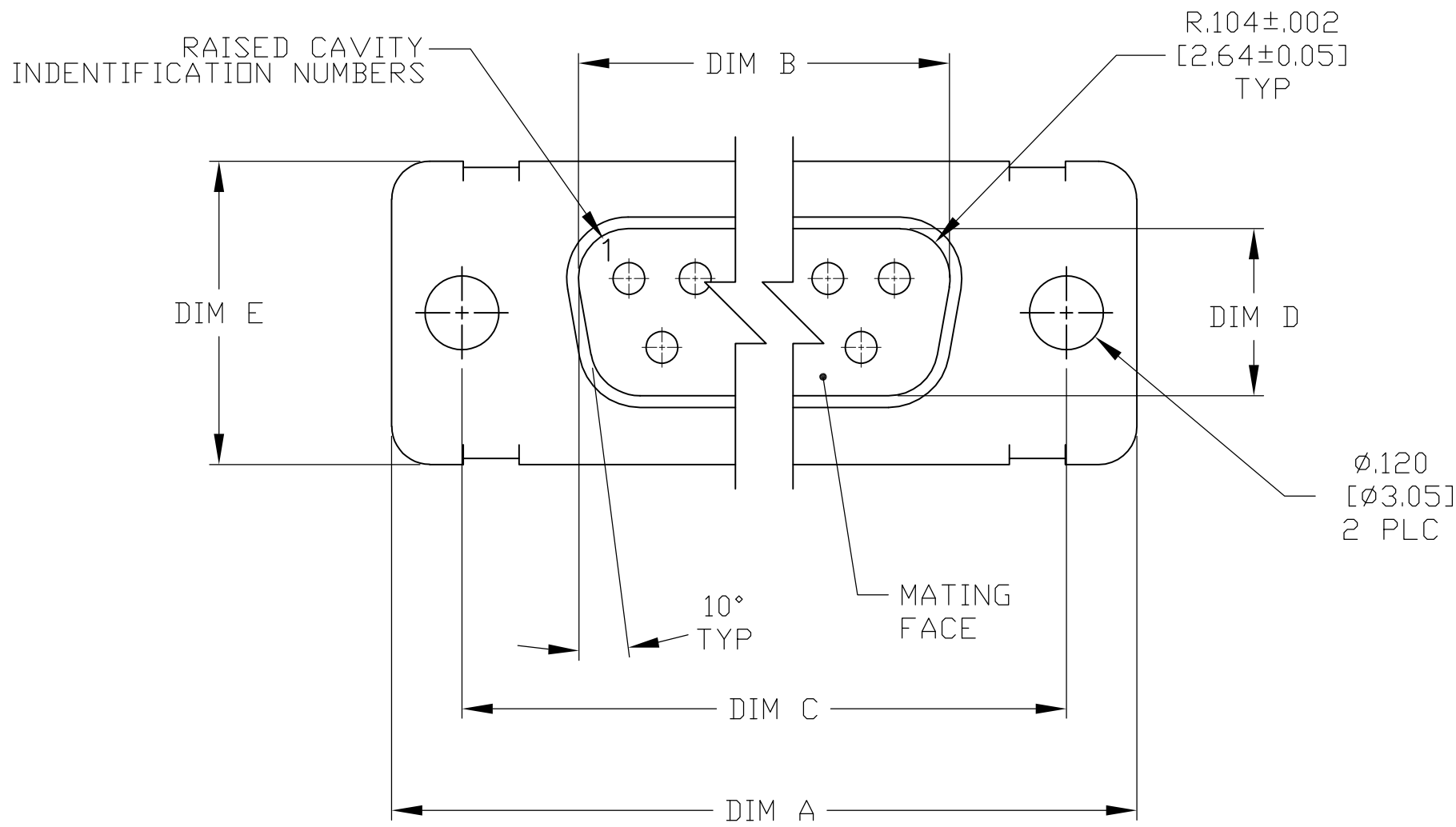


LOC		DIST		REVISIONS				
DF	AO	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		A		REV PER ECO-08-004199	26FEB08	PY	RL	

D



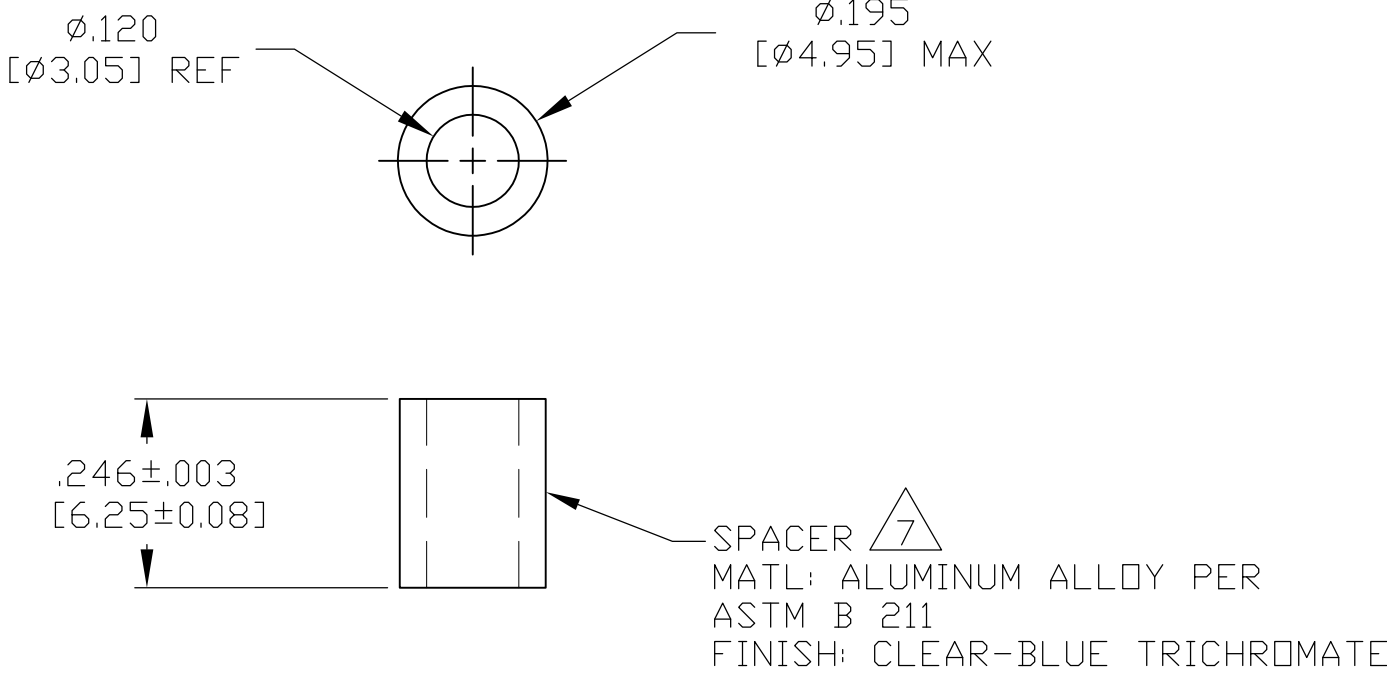
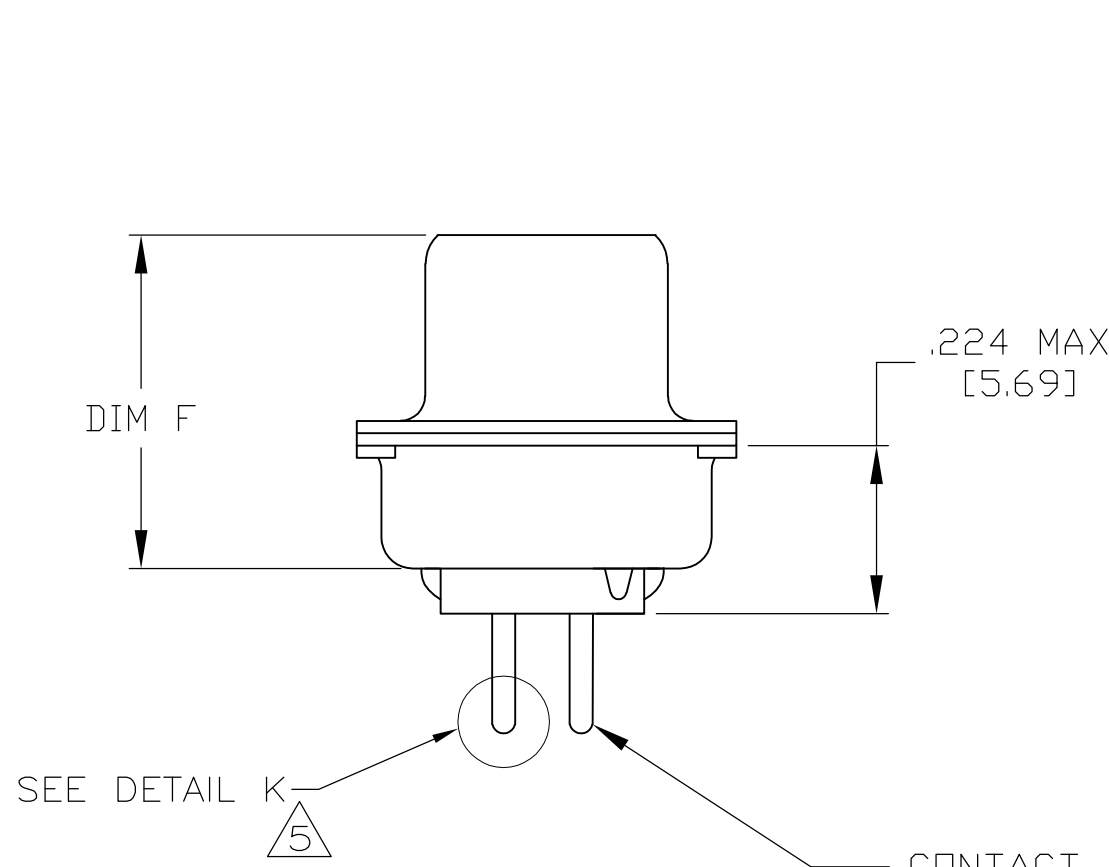
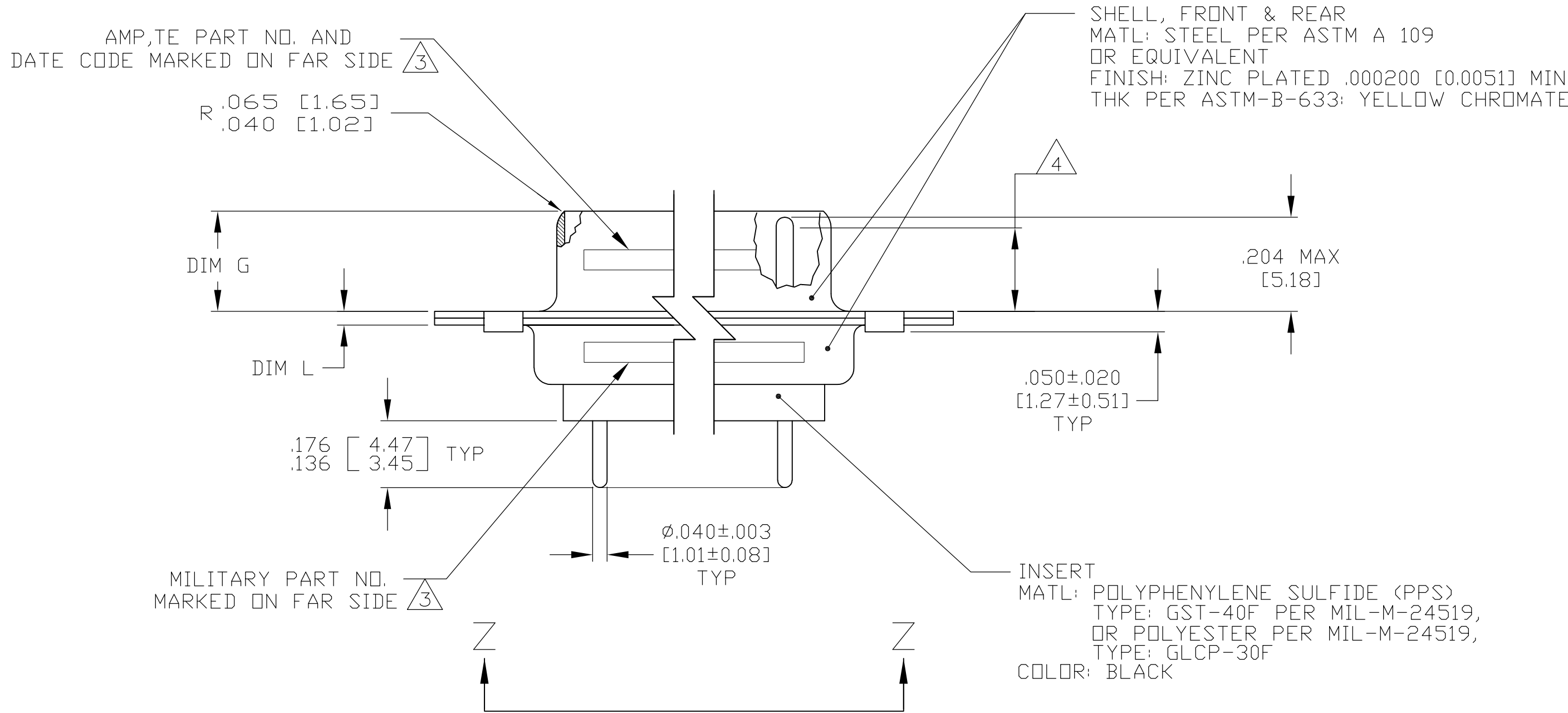
VIEW Z-Z

- 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]
- THE CONNECTORS DESCRIBED IN THIS DOCUMENT MEET THE REQUIREMENTS OF MIL-C-24308 AND MATE WITH ANY PLUG CONNECTOR WITH SAME INSERT ARRANGEMENT.
- 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.

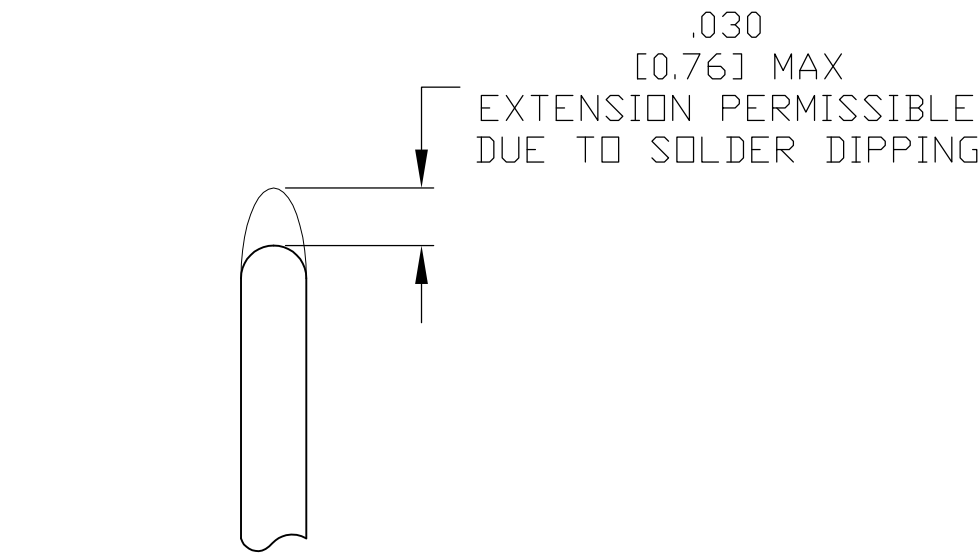
IF THE FRONT SHELL IS TOO SMALL FOR "AMP", TE PART NUMBER AND DATE CODE, MARKING SHALL BE SPLIT AS FOLLOWS:

- 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.

- 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.
- SOLDER DIPPED PER J-STD-001 WITH Sn63 SOLDER PER J-STD-006 IN THE ENTIRE AREA OF DIMENSION SHOWN. (1757831-6 THRU -10 ONLY.)
- MEETS SOLDERABILITY PER MIL-STD-202 METHOD 208.
- SPACERS (QTY = 2) ARE SUPPLIED WITH CONNECTOR; NOT ATTACHED.



B



DETAIL K
SCALE 10:1
FOR 1757831-6 THRU -10 ONLY

.049 .029	1.24 [0.74]	.544 .524	13.82 [13.31]	2.188 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	52.93 [52.68]	2.650 2.620	67.31 [66.55]	MS18277-1	50	5	M24308/24-17	1757831-5	1-1757831-0	△
.049 .029	1.24 [0.74]	.432 .412	10.97 [10.46]	2.282 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	55.55 [55.30]	2.744 2.714	69.70 [68.94]	MS18276-1	37	4	M24308/24-16	1757831-4	1757831-9	△
.049 .029	1.24 [0.74]	.432 .412	10.97 [10.46]	1.635 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	39.09 [38.84]	2.103 2.073	53.42 [52.65]	MS18275-1	25	3	M24308/24-15	1757831-3	1757831-8	△
.040 .020	1.02 [0.51]	.432 .412	10.97 [10.46]	1.093 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	25.37 [25.12]	1.556 1.526	39.52 [38.76]	MS18274-1	15	2	M24308/24-14	1757831-2	1757831-7	△
.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	17.04 [16.79]	1.228 1.198	31.19 [30.43]	MS18273-1	9	1	M24308/24-13	1757831-1	1757831-6	△
.049 .029	1.24 [0.74]	.544 .524	13.82 [13.31]	2.188 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	52.93 [52.68]	2.650 2.620	67.31 [66.55]	MS18277-1	50	5	M24308/24-17	1757831-5	1757831-5	
.049 .029	1.24 [0.74]	.432 .412	10.97 [10.46]	2.282 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	55.55 [55.30]	2.744 2.714	69.70 [68.94]	MS18276-1	37	4	M24308/24-16	1757831-4	1757831-4	
.049 .029	1.24 [0.74]	.432 .412	10.97 [10.46]	1.635 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	39.09 [38.84]	2.103 2.073	53.42 [52.65]	MS18275-1	25	3	M24308/24-15	1757831-3	1757831-3	
.040 .020	1.02 [0.51]	.432 .412	10.97 [10.46]	1.093 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	25.37 [25.12]	1.556 1.526	39.52 [38.76]	MS18274-1	15	2	M24308/24-14	1757831-2	1757831-2	
.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	17.04 [16.79]	1.228 1.198	31.19 [30.43]	MS18273-1	9	1	M24308/24-13	1757831-1	1757831-1	
L	J	H	G	F	E	D	C	B	A	INSERT ARRANGEMENT	NO OF POS	SHELL SIZE	MILITARY P/N ON CONNECTOR	TE P/N ON CONNECTOR	PART NUMBER											

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 3-28-06	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES		CHK D.MILLER 3-29-06	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D.MILLER 3-29-06	PRODUCT SPEC	
0 PLC ± -		APPLICATION SPEC		SIZE A1
1 PLC ± -		WEIGHT		
2 PLC ± -		CUSTOMER DRAWING		SCALE 4:1
3 PLC ± .005 [0.13]		SHEET 1 OF 2		
4 PLC ± -		REV		A
ANGLES ± ± 1°		1757831		
MATERIAL SEE CALLOUTS		100779		1757831
TOLERANCES UNLESS OTHERWISE SPECIFIED:		100779		

