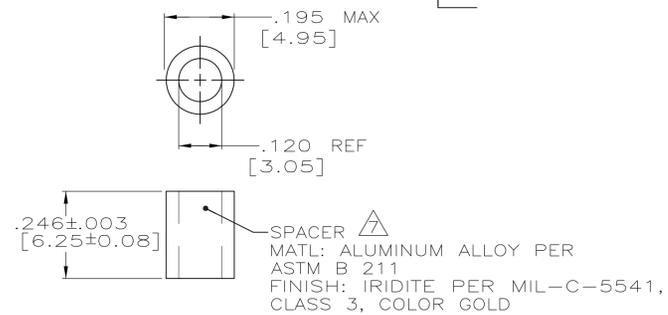
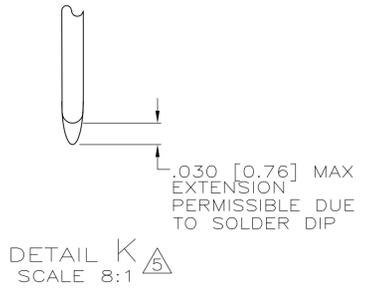
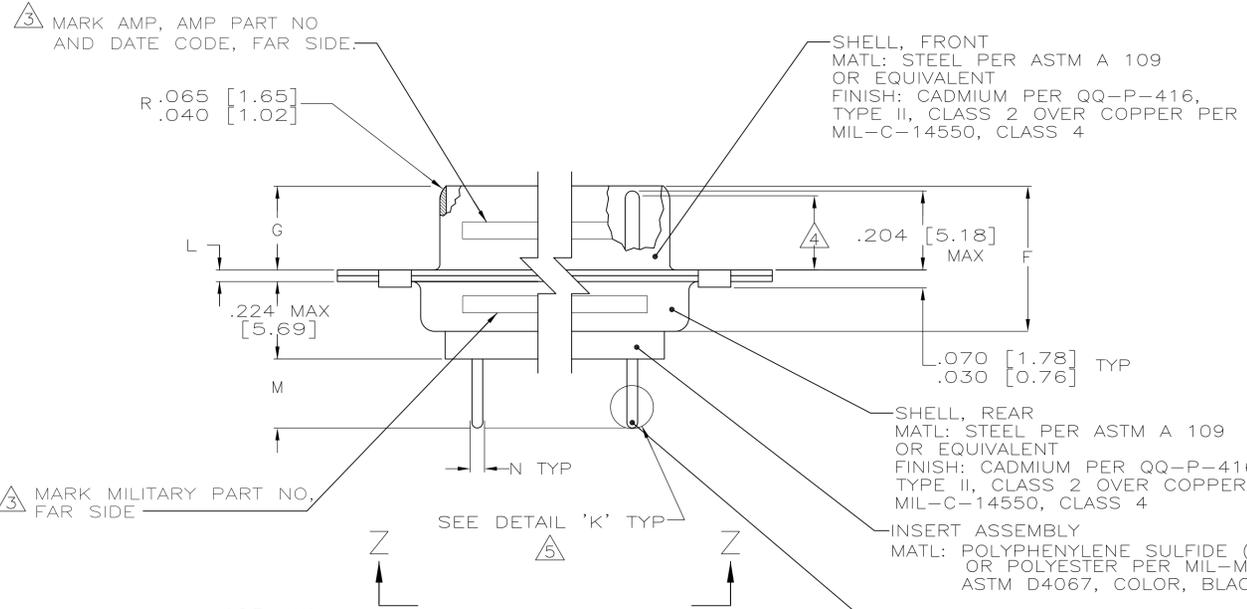
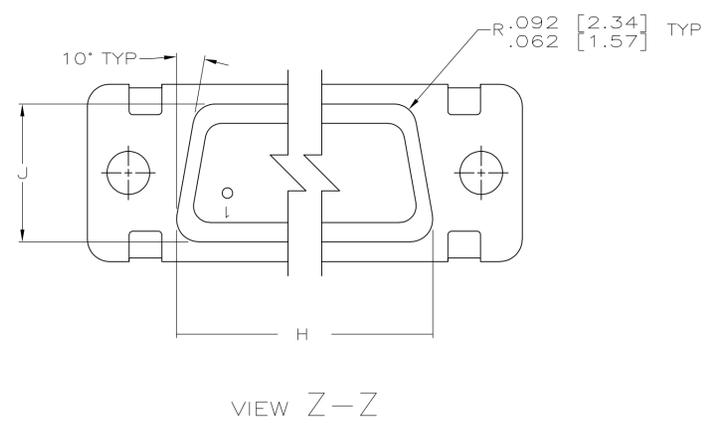
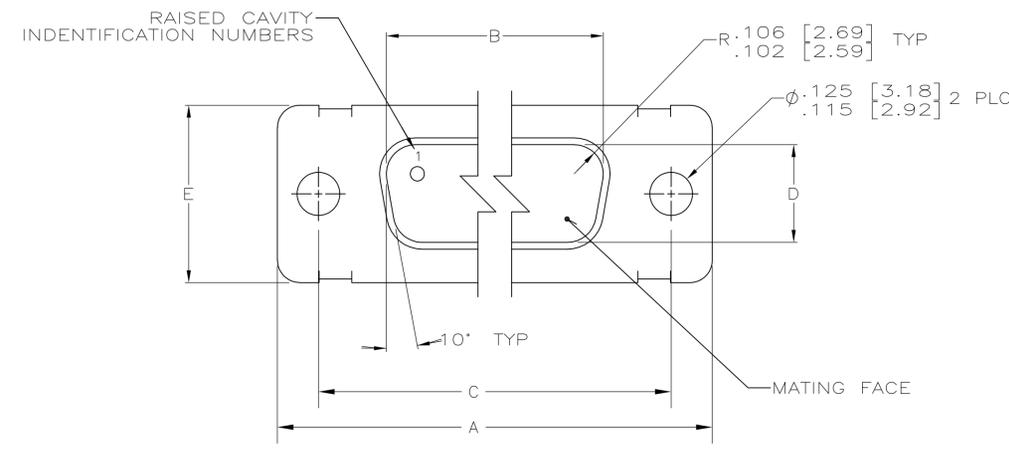


REVISONS		DATE	DWN	APVD
LOC	DIST			
F	REV PER ECO-07-017102	31AUG07	PY	BW



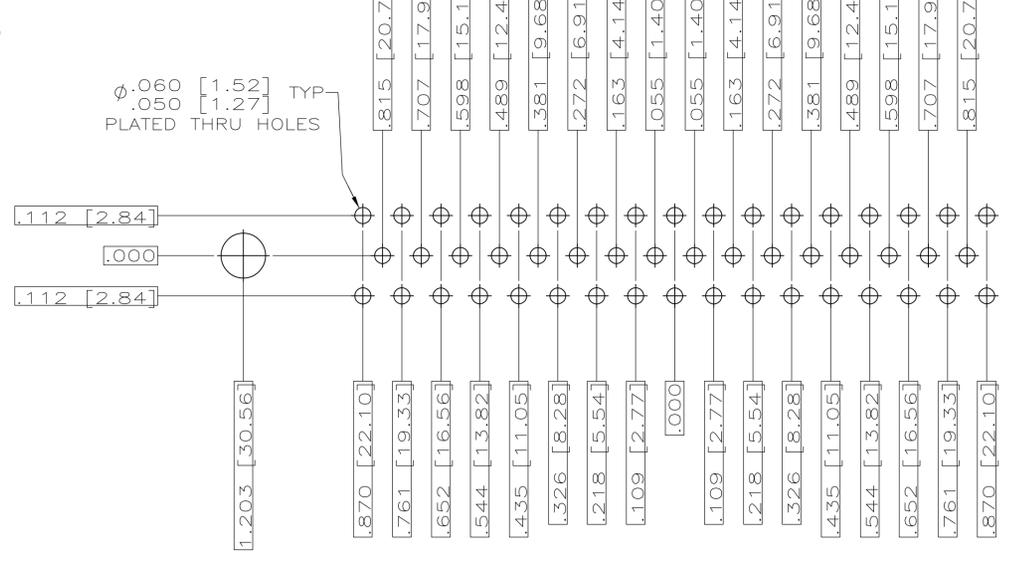
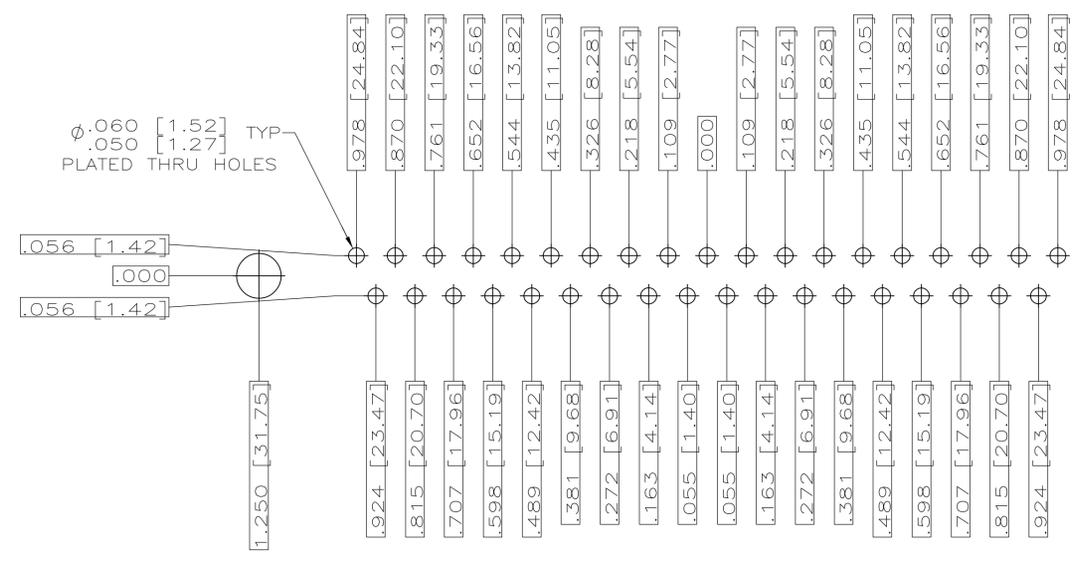
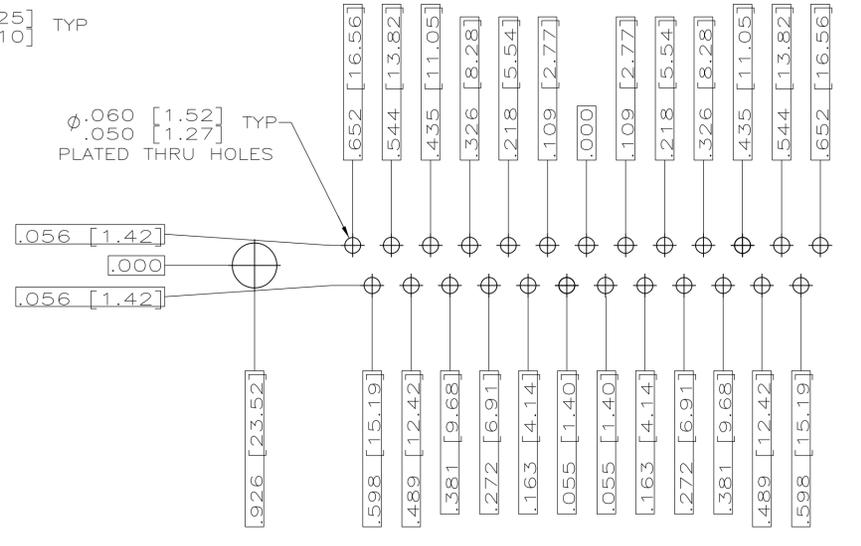
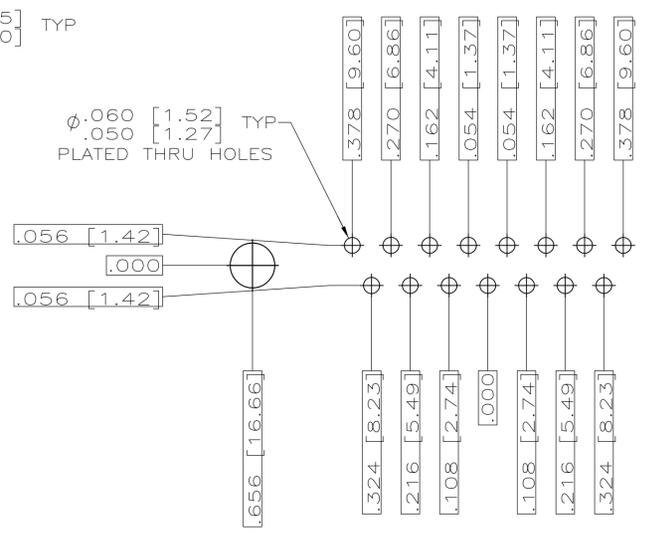
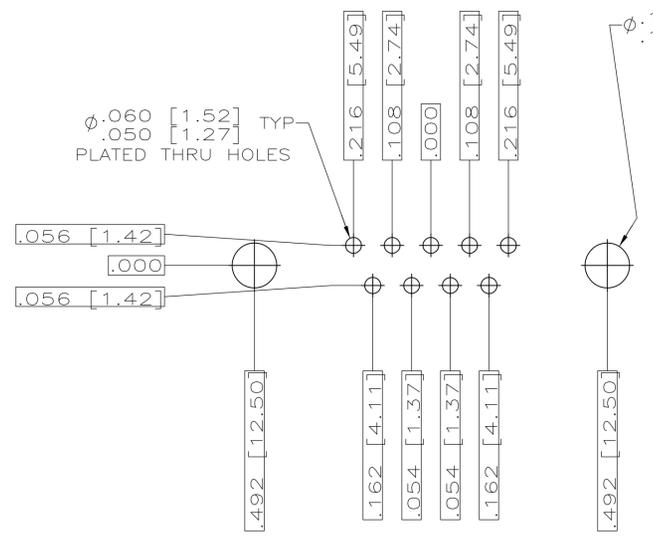
1. SEE SHEET 2 FOR RECOMMENDED P.C. BOARD LAYOUT. TRUE POSITION TOLERANCE FOR P.C. BOARD LAYOUT IS .010 [0.25] AT MAX MATERIAL CONDITION. SUGGESTED BOARD THICKNESS IS .094 [2.39]
2. THE CONNECTORS DESCRIBED IN THIS DOCUMENT MEET THE REQUIREMENTS OF MIL-C-24308 AND MATE WITH ANY RECEPTACLE CONNECTOR WITH SAME INSERT ARRANGEMENT.
3. MARK 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. AMP PART NUMBER ON REAR SHELL, NEAR SIDE.
 IF THE FRONT SHELL IS TOO SMALL FOR "AMP", AMP PART NUMBER AND DATE CODE, THEN SPLIT AS FOLLOWS:
  - A. AMP 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, SHELL SIZES 1 AND 2.
  - .150 [3.81] MIN, SHELL SIZES 3, 4, AND 5.
5. SOLDER DIP PER MIL-STD-2000 COMPOSITION Sn63 CONFORMING TO QQ-S-571. COVERAGE SHALL BE COMPLETE TO A DISTANCE .020 [0.51] MAX FROM INSERT ASSEMBLY.
6. THE SOLDER DIP PROCESS IS PERFORMED SUBSEQUENT TO THE COMPLETION OF PRODUCTION OF THE MILITARY QUALIFIED CONNECTOR. DIMENSIONS APPLY PRIOR TO SOLDER DIPPING.
7. SPACERS (QTY 2) ARE SUPPLIED WITH CONNECTORS (NOT ATTACHED TO THE CONNECTOR).
8. DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982.
9. THIS DRAWING SHALL BE INTERPRETED IN ACCORDANCE WITH APPLICABLE STANDARDS LISTED IN MIL-STD-100.

N	M	L	J	H	G	F	E	D	C	B	A	INSERT ARRANGEMENT	NO OF POS	SHELL SIZE	MILITARY P/N ON CONNECTOR	AMP P/N ON CONNECTOR	PART NUMBER
.043 .037	.208 .168	.049 [1.24] .029 [0.74]	.544 [13.82] .524 [13.31]	2.188-55.58 2.168 [55.07]	.236 [5.99] .224 [5.69]	.436 [11.07] .416 [10.57]	.620 [15.75] .590 [14.99]	.446 [11.33] .436 [11.07]	2.411 [61.24] 2.401 [60.99]	2.084 [52.93] 2.074 [52.68]	2.650 [67.31] 2.620 [66.55]	MS18277-1	50	5	M24308/24-23F	1218127-5	1-1218127-0
			2.505 [63.63] 2.495 [63.37]	2.187 [55.55] 2.177 [55.30]					2.744 [69.70] 2.714 [68.94]	MS18276-1	37	4	M24308/24-22F	1218127-4	1218127-9		
.043 .037	.208 .168	.040 [1.02] .020 [0.51]	.432 [10.97] .412 [10.46]	1.635-41.53 1.615 [41.02]	.238 [6.05] .229 [5.82]	.432 [10.97] .412 [10.46]	.509 [12.93] .479 [12.17]	.334 [8.48] .324 [8.23]	1.857 [47.17] 1.847 [46.91]	1.539 [39.09] 1.529 [38.84]	2.103 [53.42] 2.073 [52.65]	MS18275-1	25	3	M24308/24-21F	1218127-3	1218127-8
			1.093 [27.76] 1.073 [27.25]	1.317 [33.45] 1.307 [33.20]					.999 [25.37] .989 [25.12]	1.556 [39.52] 1.526 [38.76]	MS18274-1	15	2	M24308/24-20F	1218127-2	1218127-7	
.043 .037	.208 .168	.040 [1.02] .020 [0.51]	.544 [13.82] .524 [13.31]	2.188-55.58 2.168 [55.07]	.236 [5.99] .224 [5.69]	.436 [11.07] .416 [10.57]	.620 [15.75] .590 [14.99]	.446 [11.33] .436 [11.07]	2.411 [61.24] 2.401 [60.99]	2.084 [52.93] 2.074 [52.68]	2.650 [67.31] 2.620 [66.55]	MS18277-1	50	5	M24308/24-23F	1218127-5	1218127-5
			2.505 [63.63] 2.495 [63.37]	2.187 [55.55] 2.177 [55.30]					2.744 [69.70] 2.714 [68.94]	MS18276-1	37	4	M24308/24-22F	1218127-4	1218127-4		
.043 .037	.208 .168	.040 [1.02] .020 [0.51]	.432 [10.97] .412 [10.46]	1.635-41.53 1.615 [41.02]	.238 [6.05] .229 [5.82]	.432 [10.97] .412 [10.46]	.509 [12.93] .479 [12.17]	.334 [8.48] .324 [8.23]	1.857 [47.17] 1.847 [46.91]	1.539 [39.09] 1.529 [38.84]	2.103 [53.42] 2.073 [52.65]	MS18275-1	25	3	M24308/24-21F	1218127-3	1218127-3
			1.093 [27.76] 1.073 [27.25]	1.317 [33.45] 1.307 [33.20]					.999 [25.37] .989 [25.12]	1.556 [39.52] 1.526 [38.76]	MS18274-1	15	2	M24308/24-20F	1218127-2	1218127-2	
.043 .037	.208 .168	.040 [1.02] .020 [0.51]	.544 [13.82] .524 [13.31]	2.188-55.58 2.168 [55.07]	.236 [5.99] .229 [5.82]	.436 [11.07] .416 [10.57]	.620 [15.75] .590 [14.99]	.446 [11.33] .436 [11.07]	2.411 [61.24] 2.401 [60.99]	2.084 [52.93] 2.074 [52.68]	2.650 [67.31] 2.620 [66.55]	MS18277-1	50	5	M24308/24-23F	1218127-5	1218127-5
			2.505 [63.63] 2.495 [63.37]	2.187 [55.55] 2.177 [55.30]					2.744 [69.70] 2.714 [68.94]	MS18276-1	37	4	M24308/24-22F	1218127-4	1218127-4		
.043 .037	.208 .168	.040 [1.02] .020 [0.51]	.432 [10.97] .412 [10.46]	1.635-41.53 1.615 [41.02]	.238 [6.05] .229 [5.82]	.432 [10.97] .412 [10.46]	.509 [12.93] .479 [12.17]	.334 [8.48] .324 [8.23]	1.857 [47.17] 1.847 [46.91]	1.539 [39.09] 1.529 [38.84]	2.103 [53.42] 2.073 [52.65]	MS18275-1	25	3	M24308/24-21F	1218127-3	1218127-3
			1.093 [27.76] 1.073 [27.25]	1.317 [33.45] 1.307 [33.20]					.999 [25.37] .989 [25.12]	1.556 [39.52] 1.526 [38.76]	MS18274-1	15	2	M24308/24-20F	1218127-2	1218127-2	
.043 .037	.208 .168	.040 [1.02] .020 [0.51]	.544 [13.82] .524 [13.31]	2.188-55.58 2.168 [55.07]	.236 [5.99] .229 [5.82]	.436 [11.07] .416 [10.57]	.620 [15.75] .590 [14.99]	.446 [11.33] .436 [11.07]	2.411 [61.24] 2.401 [60.99]	2.084 [52.93] 2.074 [52.68]	2.650 [67.31] 2.620 [66.55]	MS18277-1	50	5	M24308/24-23F	1218127-5	1218127-5
			2.505 [63.63] 2.495 [63.37]	2.187 [55.55] 2.177 [55.30]					2.744 [69.70] 2.714 [68.94]	MS18276-1	37	4	M24308/24-22F	1218127-4	1218127-4		
.043 .037	.208 .168	.040 [1.02] .020 [0.51]	.432 [10.97] .412 [10.46]	1.635-41.53 1.615 [41.02]	.238 [6.05] .229 [5.82]	.432 [10.97] .412 [10.46]	.509 [12.93] .479 [12.17]	.334 [8.48] .324 [8.23]	1.857 [47.17] 1.847 [46.91]	1.539 [39.09] 1.529 [38.84]	2.103 [53.42] 2.073 [52.65]	MS18275-1	25	3	M24308/24-21F	1218127-3	1218127-3
			1.093 [27.76] 1.073 [27.25]	1.317 [33.45] 1.307 [33.20]					.999 [25.37] .989 [25.12]	1.556 [39.52] 1.526 [38.76]	MS18274-1	15	2	M24308/24-20F	1218127-2	1218127-2	
.043 .037	.208 .168	.040 [1.02] .020 [0.51]	.544 [13.82] .524 [13.31]	2.188-55.58 2.168 [55.07]	.236 [5.99] .229 [5.82]	.436 [11.07] .416 [10.57]	.620 [15.75] .590 [14.99]	.446 [11.33] .436 [11.07]	2.411 [61.24] 2.401 [60.99]	2.084 [52.93] 2.074 [52.68]	2.650 [67.31] 2.620 [66.55]	MS18277-1	50	5	M24308/24-23F	1218127-5	1218127-5
			2.505 [63.63] 2.495 [63.37]	2.187 [55.55] 2.177 [55.30]					2.744 [69.70] 2.714 [68.94]	MS18276-1	37	4	M24308/24-22F	1218127-4	1218127-4		
.043 .037	.208 .168	.040 [1.02] .020 [0.51]	.432 [10.97] .412 [10.46]	1.635-41.53 1.615 [41.02]	.238 [6.05] .229 [5.82]	.432 [10.97] .412 [10.46]	.509 [12.93] .479 [12.17]	.334 [8.48] .324 [8.23]	1.857 [47.17] 1.847 [46.91]	1.539 [39.09] 1.529 [38.84]	2.103 [53.42] 2.073 [52.65]	MS18275-1	25	3	M24308/24-21F	1218127-3	1218127-3
			1.093 [27.76] 1.073 [27.25]	1.317 [33.45] 1.307 [33.20]					.999 [25.37] .989 [25.12]	1.556 [39.52] 1.526 [38.76]	MS18274-1	15	2	M24308/24-20F	1218127-2	1218127-2	
.043 .037	.208 .168	.040 [1.02] .020 [0.51]	.544 [13.82] .524 [13.31]	2.188-55.58 2.168 [55.07]	.236 [5.99] .229 [5.82]	.436 [11.07] .416 [10.57]	.620 [15.75] .590 [14.99]	.446 [11.33] .436 [11.07]	2.411 [61.24] 2.401 [60.99]	2.084 [52.93] 2.074 [52.68]	2.650 [67.31] 2.620 [66.55]	MS18277-1	50	5	M24308/24-23F	1218127-5	1218127-5
			2.505 [63.63] 2.495 [63.37]	2.187 [55.55] 2.177 [55.30]					2.744 [69.70] 2.714 [68.94]	MS18276-1	37	4	M24308/24-22F	1218127-4	1218127-4		
.043 .037	.208 .168	.040 [1.02] .020 [0.51]	.432 [10.97] .412 [10.46]	1.635-41.53 1.615 [41.02]	.238 [6.05] .229 [5.82]	.432 [10.97] .412 [10.46]	.509 [12.93] .479 [12.17]	.334 [8.48] .324 [8.23]	1.857 [47.17] 1.847 [46.91]	1.539 [39.09] 1.529 [38.84]	2.103 [53.42] 2.073 [52.65]	MS18275-1	25	3	M24308/24-21F	1218127-3	1218127-3
			1.093 [27.76] 1.073 [27.25]	1.317 [33.45] 1.307 [33.20]					.999 [25.37] .989 [25.12]	1.556 [39.52] 1.526 [38.76]	MS18274-1	15	2	M24308/24-20F	1218127-2	1218127-2	
.043 .037	.208 .168	.040 [1.02] .020 [0.51]	.544 [13.82] .524 [13.31]	2.188-55.58 2.168 [55.07]	.236 [5.99] .229 [5.82]	.436 [11.07] .416 [10.57]	.620 [15.75] .590 [14.99]	.446 [11.33] .436 [11.07]	2.411 [61.24] 2.401 [60.99]	2.084 [52.93] 2.074 [52.68]	2.650 [67.31] 2.620 [66.55]	MS18277-1	50	5	M24308/24-23F	1218127-5	1218127-5
			2.505 [63.63] 2.495 [63.37]	2.187 [55.55] 2.177 [55.30]					2.744 [69.70] 2.714 [68.94]	MS18276-1	37	4	M24308/24-22F	1218127-4	1218127-4		
.043 .037	.208 .168	.040 [1.02] .020 [0.51]	.432 [10.97] .412 [10.46]	1.635-41.53 1.615 [41.02]	.238 [6.05] .229 [5.82]	.432 [10.97] .412 [10.46]	.509 [12.93] .479 [12.17]	.334 [8.48] .324 [8.23]	1.857 [47.17] 1.847 [46.91]	1.539 [39.09] 1.529 [38.84]	2.103 [53.42] 2.073 [52.65]	MS18275-1	25	3	M24308/24-21F	1218127-3	1218127-3
			1.093 [27.76] 1.073 [27.25]	1.317 [33.45] 1.307 [33.20]					.999 [25.37] .989 [25.12]	1.556 [39.52] 1.526 [38.76]	MS18274-1	15	2	M24308/24-20F	1218127-2	1218127-2	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	0 PLC ± -	1 PLC ± -	2 PLC ± -	3 PLC ± -	4 PLC ± -	ANGLES ± -
MATERIAL SEE CALLOUTS	FINISH SEE CALLOUTS	WEIGHT	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
			A1	00779	1218127		

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN P. YEAGER 30DEC97	Tyco Electronics Corporation Harrisburg, PA 17105-3608
DIMENSIONS: INCHES		CHK: G. OVER 30DEC97	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: G. OVER 30DEC97	NAME: AMPLIMITE PLUG ASSY, LOW PROFILE SIZE 20 POSTED P.C. BOARD CONTACTS, .040 DIA LONG POST, SERIES 109.
<ul style="list-style-type: none"> <li>0. PLC .0005</li> <li>1. PLC .0010</li> <li>2. PLC .0015</li> <li>3. PLC .0020</li> <li>4. PLC .0025</li> <li>ANGLES .0010</li> </ul>		SIZE: A1	RESTRICTED TO: F
MATERIAL: - FINISH: -		WEIGHT: -	CUSTOMER DRAWING
		DRAWING NO: 00779	SCALE: 4:1 SHEET 2 OF 2 REV F

## Данный компонент на территории Российской Федерации

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