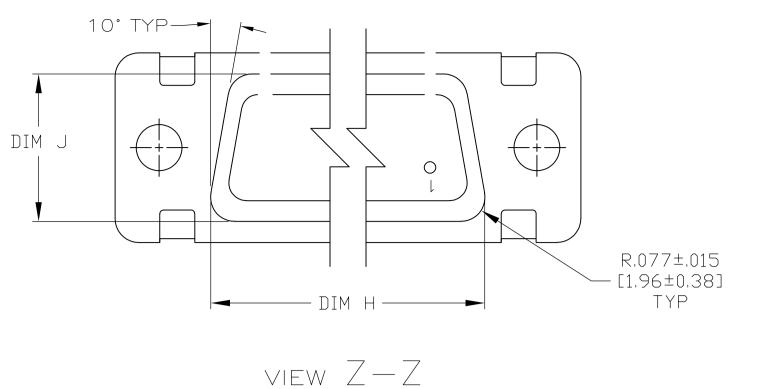
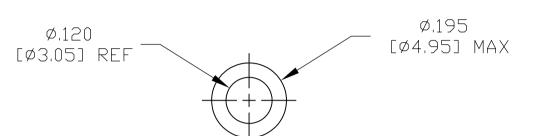
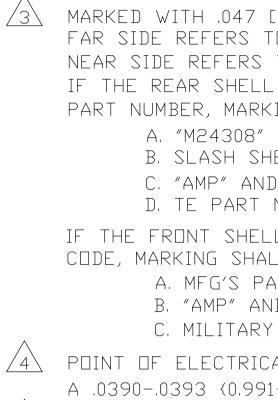


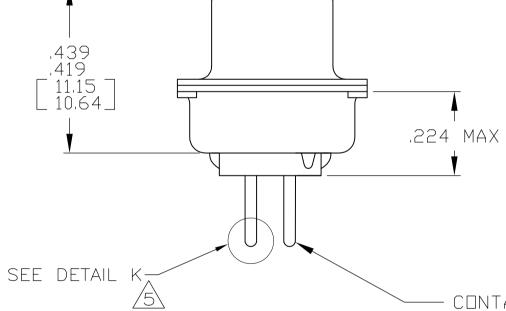
4805 (3/11)





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- 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 I.27 IN CONTACT MATING AREA, .000010 [0.0003] MIN THK GOLD PER ASTM-B-488 □∨ER ,000050 [0,0013] MIN THK NICKEL PER SAE-AMS-QQ-N-290 ON CONTACT BODY

,246±,003 [6,25±0,08]

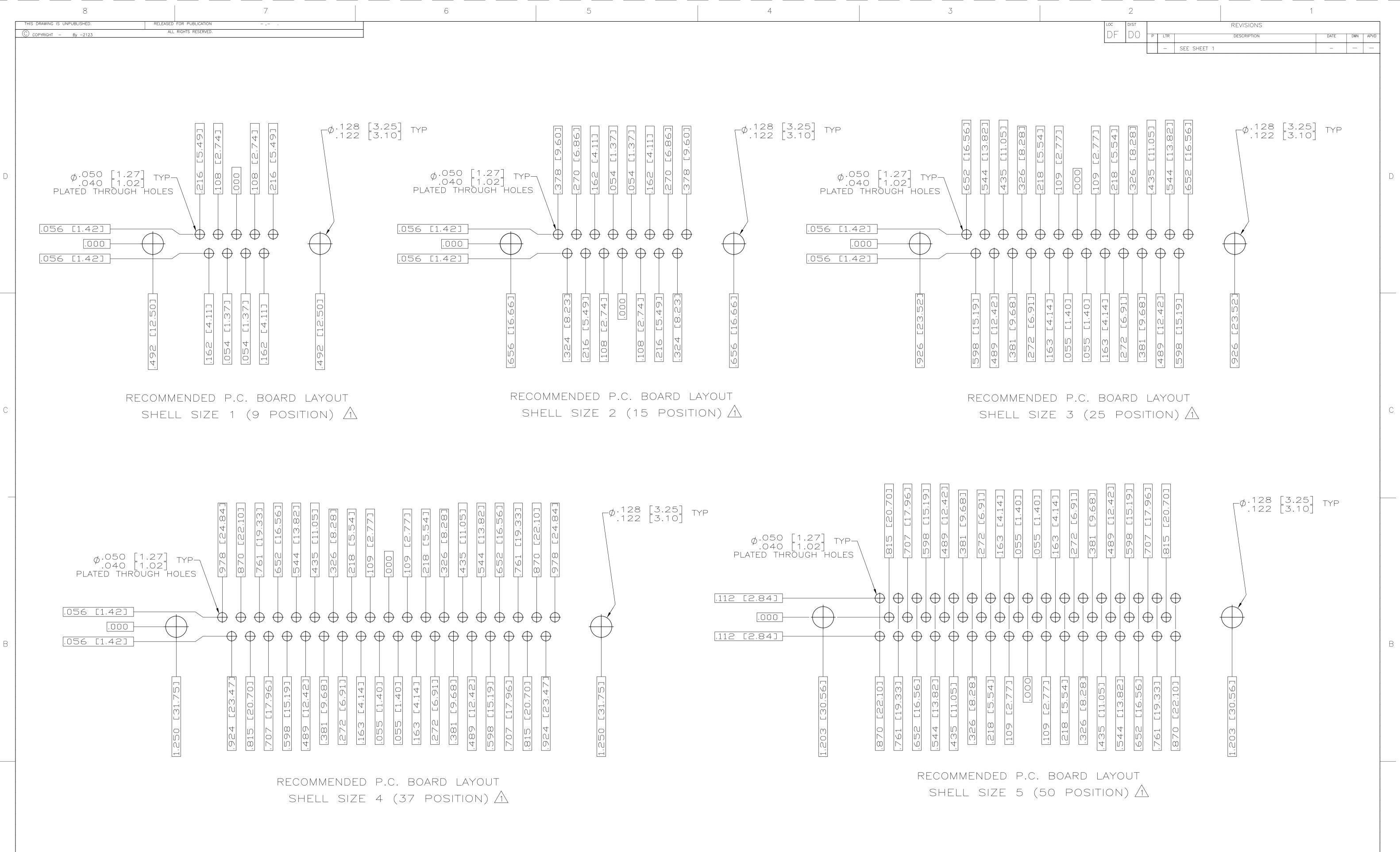
.544 13.82 .524 13.31 2.188 55.58 2.168 55.07	.620 [15.75] .590 [14.99]	.428 10.87 .418 [10.62]	2.411 61.24 2.401 60.99	2.069 52.55 2.059 52.30	2.650 67.31 2.620 66.55	MS18277-1	50	5	M24308/23-11Z	1757830-5	1-1757830-0
.432 10.97 2.282 57.96 .412 10.46 2.262 57.45	.509 12.93 .479 [12.17]	.316 8.03 .306 7.77	2.505 63.63 2.495 63.37	2.164 54.97 2.154 54.71	2.744 69.70 2.714 68.94	MS18276-1	37	4	M24308/23-10Z	1757830-4	1757830-9 💪
.432 10.97 1.635 41.53 .412 10.46 1.615 41.02	.509 12.93 .479 [12.17]	.316 8.03 .306 7.77	1.857 47.17 1.847 46.91	1.516 38.51 1.506 38.25	2.103 53.42 2.073 52.65	MS18275-1	25	3	M24308/23-9Z	1757830-3	1757830-8
.432 10.97 1.093 27.76 .412 10.46 1.073 27.25	.509 12.93 .479 [12.17]	.316 8.03 .306 7.77	1.317 33.45 1.307 33.20	.976 24.79 .966 24.54	1.556 39.52 1.526 38.76	MS18274-1	15	2	M24308/23-8Z	1757830-2	1757830-7 🙆 -
.432 10.97 .769 19.53 .412 [10.46] .749 [19.02]	.509 12.93 .479 [12.17]	$\begin{array}{c} .316 \\ .306 \end{array} \begin{bmatrix} 8.03 \\ 7.77 \end{bmatrix}$	.989 25.12 .979 24.87	.648 _ 16.46 .638 [ 16.21]	1.228 31.19 1.198 30.43	MS18273-1	9	1	M24308/23-7Z	1757830-1	1757830-6 🛕
.544 13.82 2.188 55.58 .524 [13.31] 2.168 55.07]	.620 [15.75] .590 [14.99]	.428 10.87 .418 [10.62]	2.411 <sub>6</sub> 61.24 <sub>1</sub>	2.069 52.55 2.059 52.30	2.650 67.31 2.620 66.55	MS18277-1	50	5	M24308/23-11Z	1757830-5	1757830-5
.432 10.97 2.282 57.96 .412 10.46 2.262 57.45	.509 12.93 .479 [12.17]	$\begin{array}{c} .316 \\ .306 \end{array} \begin{bmatrix} 8.03 \\ 7.77 \end{bmatrix}$	2.505 63.63 2.495 63.37	2.164 54.97 2.154 54.71	2.744 69.70 2.714 88.94	MS18276-1	37	4	M24308/23-10Z	1757830-4	1757830-4
.432 10.97 1.635 41.53 .412 10.46 1.615 41.02	.509 12.93 .479 [12.17]	$\begin{array}{c} .316 \\ .306 \end{array} \begin{bmatrix} 8.03 \\ 7.77 \end{bmatrix}$		1.516 38.51 1.506 38.25	2.103 53.42 2.073 52.65	MS18275-1	25	3	M24308/23-9Z	1757830-3	1757830-3
.432 10.97 1.093 27.76 .412 10.46 1.073 27.25	.509 12.93 .479 [12.17]	.316 8.03 .306 7.77	1.317 33.45 1.307 33.20	.976 24.79 .966 24.54]	1.556 39.52 1.526 38.76	MS18274-1	15	2	M24308/23-8Z	1757830-2	1757830-2
.432 10.97 .769 19.53 .412 10.46 .749 19.02	.509 12.93 .479 [12.17]	.316 8.03 .306 7.77	.989 25.12 .979 24.87	.648 _ 16.46 .638 [ 16.21]	1.228 31.19 1.198 30.43	MS18273-1	9	1	M24308/23-7Z	1757830-1	1757830-1
DIM J DIM H	DIM E	DIM D	DIM C	DIM B	DIM A	INSERT ARRANGEMENT	NO OF POS	SHELL SIZE	MILITARY $P/N 3$ ON CONNECTOR	MFG'S P/N MARKED ON CONNECTOR	PART NO.
						THIS DRAWING IS	A CONTROL	LED DOCUMENT	DWN 3–22–06 С.С.ТНОМАЅ СНК 3–27–06 D.MILLER	-E TE	TE Connectivity
							0 PLC 1 PLC 2 PLC	LERANCES UNLESS ERWISE SPECIFIED: ± – ± – ± –	APVD 3-27-06 NAI D.MILLER PRODUCT SPEC	RECEPTACLE ASSEMBL SERIES 109,SIZ –	, ,
						MATERIAL SEE CALLOUTS	4 PLC 4 PLC ANGLES FINISH		APPLICATION SPEC	ize cage code drawing no 1 00779 <b>C=</b> 1757830	
									CUSTOMER DRAWING	SCALE 4	:1 SHEET OF REV C

3		2			1				
		Loc DIST DF AO	REVISIONS description	DATE DWN APVD					
			P LTR C	REVISED PER EG		06FEB2013MGM CT			
1	TOLERANCE FOR	JR RECOMMENDED P.C. B P.C.BOARD LAYOUT IS . ESTED BOARD THICKNES	010 EO,	25] AT MA	X MATERIAL				
2,	THE CONNECTORS	S DESCRIBED IN THIS I D MATE WITH ANY PLU	)DCUME	NT MEET	THE REQUIREMENTS	DF			
3	FAR SIDE REFER NEAR SIDE REFE IF THE REAR SH PART NUMBER, M A. "M2430 B. SLASH C. "AMP" D. TE PAR	47 [1.19]062 [1.57] HI S TO THE WIDE SIDE ( RS TO THE NARROW SI ELL IS TOO SMALL FOF ARKING SHALL BE LOCA 08″ ON FRONT SHELL, F SHEET AND DASH NUM AND DATE CODE ON FR RT NUMBER ON REAR SI	JF THE DE DF R THE ATED A FAR SI BER DN BER DN DNT SI HELL,	KEYSTON THE KEYS ENTIRE MI S FOLLOW DE. N REAR SH HELL, NEA NEAR SIDE	TONE, LITARY S: Ell, FAR SIDE, R SIDE,				
	A, MFG'S B, "AMP"	SHALL BE SPLIT AS FO Part number on rea And date code on f	LLOWS R Shei Ront S	LL, NEAR Shell, Nea	AR SIDE.	DATE			
		ary part number on rical engagement – 6							
<u> </u>		,991-0,998] DIA SQUARE							
5		PER J-STD-001 WITH S Area of dimension sh							
6,	MEETS SOLDERAB	BLITY PER MIL-STD-202	2 METH	DD 208.					
<u>_7</u>	SPACERS (QTY =	2) ARE SUPPLIED WIT	H CON	NECTOR; N	DT ATTACHED.				

-SPACER 27 MATL: ALUMINUM ALLOY PER ASTM B 211 FINISH: CLEAR-BLUE TRICHROMATE

В

С



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THIS	DRAWING IS A
	DIMENSIONS:
	INCHES
	$\odot$
MATERI	al SEE CALLOUTS

CONTROLLED DOCUMENT.		DWN C.C.THOMAS	3-27-06		_	? <b>T</b> E	ТС	Coppe		,
		снк D.MILLER	3-28-06			STE		Conne	ectivity	, 
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	apvd D.MILLER	3-28-06	NAME	RF	CEPTACL	e assembl	Y.AMPI	IMITE	
	0 PLC ± - 1 PLC ± -	PRODUCT SPEC		SERIES 109,SIZE 1 THRU 5						
_	2 PLC ± - 3 PLC ± -	APPLICATION SPEC			1		_			
	$\begin{array}{rrrr} 4 & \text{PLC} & \pm & -\\ \text{ANGLES} & \pm & 11^{\text{res}} \end{array}$	_		SIZE	CAGE CODE	DRAWING NO				RESTRICTED TO
	FINISH SEE CALLOUTS	WEIGHT		A1	00779	<b>C-</b> 175	57830			_
		CUSTOMER DR	AWING				scale 4:1	SHEET	2 <sup>OF</sup> 2	2 REV C

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TE Connectivity: <u>1757830-1</u>