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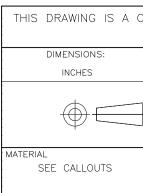
AMP 4805 REV 31MAR2000

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- 1. THIS CONNECTOR CLIPS INSTALLED
- 2. THIS CONNECTOR AND MATES WITH
- MARK WITH .047 FAR SIDE REFERS IF THE REAR SHE CUSTOMER PART AS FOLLOWS:
  - A. CUSTOM
  - B. CUSTOM C. AMP PA
  - D. "AMP"
- $\bigcirc$  POINT OF ELECTR .0295 [0.75] — Contact shown
- 5. MAXIMUM WIRE IN IS .072 [1.83]
- 6. FOR CONTACT CR FOR CONTACT INS AMP IS 7508.
- 7. DIMENSIONS AND
- 8. THIS DRAWING SH STANDARDS LISTE



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	LOC	DIST	P LTR		REVISIONS		DATE	DWN	APVD
				REV PER ECO 10			16DEC10		RL
R ASSEMBL D IN THE					METAL CONTA	ACT RE	TENTIC	NC	
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					ME INSERT A			-	
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NUMBER,									
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IER DASH	NUN	/BER	R, REA	AR SHELL	L, FAR SIDE , FAR SIDE.	•			
art numb and date					R SIDE. NEAR SIDE				
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.0305 [.	77]		NETER	R SQUARE	RED WITH A E ENDED TE				
INSTALLE	D FC	R D	IMENS	sional re	FERENCE OI	NLY.			
		BE	USED	WITH THI	S CONNECTO	DR ASS	EMBL`	Y	
DIAMETE	К.								
					ER TO AMP Uction she			$\supset$	
	. 7 11		v					-	
TOLERAN	CES	PER	ANSI	Y14.5M-	-1982.				
HALL BE	INTEF	rpre	eted	IN ACCOF	RDANCE WITH	I APPL	ICABLI	E	
ed in Mil									

С	ONTROLLED DOCUMENT.	DWN 05-18-94 T.THOMPSON		Тусо		Tyco Electronic	s Corporat	tion		
	TOLERANCES UNLESS	снк 06-23-94 D.MANTIONE		Electronic	:5	Harrisburg, PA	17105-36	308		
	OTHERWISE SPECIFIED:	APVD –	NAME	AMPI IMI	TE NONM	/AGNETIC R	ECEPTAC	LE A	15.5Y	
1	0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± -	PRODUCT SPEC MIL-C-24308 APPLICATION SPEC	WITH SIZE 22 CRIMP TYPE SOCKET CONTACTS SERIES 90, W/REAR GROMMET,							
	$\begin{array}{cccc} 4 & PLC & \pm & -\\ ANGLES & \pm & -\\ \end{array}$	_	SIZE	CAGE CODE	DRAWING NO				RESTRI	ICTED TO
	FINISH SEE CALLOUTS	WEIGHT	]A 1	00779	<b>C-</b> 449	9862			-	_
		CUSTOMER DRAWING				SCALE 4.1	SHEET 1	0F 2	RE	EV H

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PRELIMINARY-NOT RELEASED FOR PRODUCTION	.125	.029 L O	.74 ] .586	5 L14.88 J 2	2.292 L 58.22	] .248 [ 6.30 .238 [ 6.05	5 J .419 L	L 10.64 J .e	653 L16.59	].480 L	12.19 ] 2	.495 L 63.37	2.184 L 5	55.74 ] 2.714	L 68.94 J	MS14004-1	104	6	B010772-0053	3-449862-6	3-449862-6	
	,125	.029 L O	.74 ] .524	L 1 3.31 ] 2	2.168 L 55.07	.248     6.30       .238     6.05	5 ] .419 L	L 10.64 J .5	590 L14.99 <u>-</u>	].418 L	10.62 ] 2	.401 60.99	] 2.059 L 5	52.30 ] 2.620	L 66.55 J	MS18277-1	78	5	B010772-0051	3-449862-5	3-449862-5	
	.125	.029 L O	).74 ] .412	L 10.46 ] 2	2.262 57.45	] .248 [ 6.30 .238 [ 6.05	5 ] .419 L	L 10.64 ] .4	479 L12.17 <sub>-</sub>	].306 L	7.77 ] 2	.495 63.37	$\lfloor 2.154 \rfloor 5$	54.71]2.714	68.94	MS18276-1	62	4	B010772-0049	3-449862-4	3-449862-4	
	,125	.049 [ 1 .029 [ 0	.24 .432 .74 .412	10.97   1 [ 10.46 ] 1	1.635 _ 41.53 1.615	.248 6.30 .238 6.05	.439 .419 [	_ 11.155 _ 10.64 ] .4	509  12.93  479  12.17  12.1	.316 .306 [	8.03 ] 1 7.77 ] 1	.857 47.17 .847 46.91	] 1.516 [ 3	38.51 2.103 38.25 2.073	53.42 52.65]	MS18275-1	44	3	B010772-0047	3-449862-3	3-449862-3	
	,125	.040 <sub>г</sub> 1	.02 , .432	10.97 - 1	1.093 <sub>г</sub> 27.76	.248 6.30 .238 6.05	) <sub>1</sub> .439 <sub>г</sub>	-11.15 <sub>-</sub> .5	509 <sub>г</sub> 12.93-	<u>-</u> .316 г	8.03 <sub>1</sub> 1	.317 _ 33.45	976 г 2	24.79 <sub>1</sub> 1.556	<sub>-</sub> 39.52 -	MS18274-1	26	2	B010772-0045	3-449862-2	3-449862-2	
	.125	.040 г 1	.02 <sub>-</sub> .432	Γ 10.97 <sub>1</sub>	.769 <sub>-</sub> 19.53	2486.30 2386.05	) <sub>1</sub> .439 <sub>[</sub>	-11.15 <sub>-</sub> .5	509 <sub>г</sub> 12.93-	<u>, .316 г</u>	8.03 <sub>1</sub> .	989 <sub>-</sub> 25.12	648 г1	1.228 16.46	<sub>-</sub> 31.19 <sub>-</sub>	MS18273-1	15	1	B010772-0055	3-449862-1	3-449862-1	
	.125	.049 [ 1	.24 <sub>-</sub> .606	5 <sub>L</sub> 15.39 <sub>1</sub> 2	2.312 <sub>r</sub> 58.72	2486.30 ]2386.05	) <sub>1</sub> .439 <sub>[</sub>	-11.15 <sub>-</sub> .6	583 <sub>г</sub> 17.35 -	л .490 г	12.45 <sub>1</sub> 2	.505 <sub>-</sub> 63.63	<sub>л</sub> 2.194 <sub>г</sub> 5	55.73 <sub>1</sub> 2.744	<sub>C</sub> 69.70 -	MS14004-1	104	6	B010772-0041	2-449862-6	2-449862-6	
	.125	.049 <sub>г</sub> 1	.24 <sub>-</sub> .544	- <sub>-</sub> 13.82 - 2	2.188 <sub>r</sub> 55.58	2486.30 2386.05	) <sub>1</sub> .439 <sub>[</sub>	-11.15 <sub>-</sub> .6	620 <sub>г</sub> 15.75-	л .428 г	10.87 <sub>-</sub> 2	.411 - 61.24	<sub>1</sub> 2.069 <sub>5</sub> 5	52.55 <sub>1</sub> 2.650	<sub>C</sub> 67.31 <sub>-</sub>	MS18277-1	78	5	B010772-0039	2-449862-5	2-449862-5	
	.125	.049 _ 1	.24432	Γ 10.97 <sub>-</sub> 2	2.282 <sub>г</sub> 57.96	2486.30 2386.05	) <sub>1</sub> .439 <sub>г</sub>	-11.15 <sub>-</sub> .5	509 <sub>г</sub> 12.93-	<u>, .316 г</u>	8.03 <sub>1</sub> 2	.505 <sub>-</sub> 63.63	<sub>л</sub> 2.164 г 5	54.97 <sub>1</sub> 2.744	<sub>F</sub> 69.70 <sub>-</sub>	MS18276-1	62	4	B010772-0037	2-449862-4	2-449862-4	
		.049 _ 1	.24 <sub>-</sub> .432	Γ 10.97 <sub>1</sub> 1	1.635 <sub>r</sub> 41.53	2486.30 2386.05	) <sub>1</sub> .439 <sub>г</sub>	-11.15 <sub>-</sub> .5	509 <sub>г</sub> 12.93-	.316 г	8.03 <sub>1</sub> 1	.857 <sub>-</sub> 47.17	<u>¬ 1.516 г 3</u>	38.51, 2.103	<sub>r</sub> 53.42 <sub>-</sub>	MS18275-1	44	3	B010772-0035	2-449862-3	2-449862-3	
PRELIMINARY-NOT RELEASED FOR PRODUCTION	,125	.040 1 .020 0	.02 <sub>-</sub> .432	10.97 - 1	1.093 <sub>г</sub> 27.76	2486.30 2386.05	) <sub>1</sub> .439 <sub>г</sub>	-11.15 <sub>-</sub> .5	509 <sub>г</sub> 12.93-	.316 г	8.03 <sub>1</sub> 1	.317 _ 33.45	л .976 г 2	24.79 <sub>1</sub> 1.556	<sub>-</sub> 39.52 -	MS18274-1	26	2	B010772-0034	2-449862-2	2-449862-2	В
PRELIMINARY-NOT RELEASED FOR PRODUCTION	,125	.040 <sub>Г</sub> 1	.02 <sub>-</sub> .432	Γ 10.97 <sub>1</sub>	.769 <sub>-</sub> 19.53	.248 6.30 .238 6.05	) <sub>1</sub> .439 <sub>г</sub>	-11.15 <sub>-</sub> .5	509 <sub>г</sub> 12.93-	<u>, .316 г</u>	8.03 <sub>1</sub> .	989 <sub>-</sub> 25.12	648 г 1	1.228 16.46	<sub>-</sub> 31.19 <sub>-</sub>	MS18273-1	15	1	TBD	2-449862-1	2-449862-1	
	.125	.049 [ 1 .029 [ 0	.24 <sub>-</sub> .606	<sub>Γ</sub> 15.39 <sub>-1</sub>	2.312 г 58.72	.248 6.30 .238 6.05	) <sub>1</sub> .439 <sub>г</sub>	-11.15 <sub>-</sub> .e	583 <sub>г</sub> 17.35-	л .490 г	12.45 <sub>1</sub> 2	.505 г 63.63	<sub>л</sub> 2.194 <sub>г</sub> 5	55.73 <sub>1</sub> 2.744	<sub>г</sub> 69.70 <sub>л</sub>	MS14004-1	104	6	A010772-0021	1-449862-2	1-449862-2	
	.125	.049 <sub>Г</sub> 1	.24544	- <sub>-</sub> 13.82 - 2	2.188 <sub>r</sub> 55.58	.248 6.30 .238 6.05	) <sub>1</sub> .439 <sub>[</sub>	-11.15 <sub>-</sub> .6	620 <sub>г</sub> 15.75-	.428 <sub>г</sub>	10.87 <sub>-</sub> 2	.411 <sub>6</sub> 61.24	<sub>д</sub> 2.069 г 5	52.55 <sub>1</sub> 2.650	<sub>C</sub> 67.31 <sub>1</sub>	MS18277-1	78	5	A010772-0019	1-449862-1	1-449862-1	
	.125	.029 L O	).74 」 .412	L10.46]2	2.262 57.45	.248 6.30 .238 6.05	5 ] .419 [	L 10.64 ] .4	479 L12.17 <sub>-</sub>	].306 L	7.77 ] 2	.495 63.37	]2.154 L 5	54.71 2.714	68.94	MS18276-1	62	4	A010772-0017	1-449862-0	1-449862-0	
	.125	.049 1 .029 0	.24 .74 ] .432 .412	10.97   1 [ 10.46 ] 1	1.635 _ 41.53 1.615	.248 6.30 .238 6.05	.439 .419	_ 11.155 _ 10.64 ] .4	509 12.93 479 12.17	.316 .306 [	8.03 ] 1 7.77 ] 1	.857 47.17 .847 46.91	] 1.516 [ 3	38.51 <sub>-</sub> 2.103 38.25 2.073	53.42 52.65]	MS18275-1	44	3	A010772-0015	449862-9	449862-9	
	.125	.040 _ 1 .020 [ 0	.02 .432 ).51 ] .412	10.97 10.46 10.46	1.093 _ 27.76 1.073	.248 6.30 .238 6.05	.439 .419	_ 11.155 _ 10.64 ] .4	509 12.93 - 479 [12.17]	.316 .306 [	8.03 ] 1 7.77 ] 1	.317 33.45 .307 [ 33.20	.976 [2] .966 [2]	24.79   1.556 24.54 ] 1.526	39.52 38.76]	MS18274-1	26	2	A010772-0013	449862-8	449862-8	
	.125	.040 _ 1 .020 [ 0				.248 6.30 .238 6.05										MS18273-1	15	1	A010772-0011	449862-7	449862-7	
	.125	.049 [ 1 .029 [ 0	.24 .74 ] .606 .586	$\begin{bmatrix} 15.39\\ 14.88 \end{bmatrix}$	2.312 <u>58.72</u> 2.292 58.22	.248 6.30 .238 6.05	.439 .419	_ 11.15 ] .6 _ 10.64 ] .6	583 17.35 - 653 [16.59]	.490 .480 [	12.45 2 12.19 2	.505 63.63 .495 63.37	2.194 5	55.73     2.744       55.74     2.714	69.70 [68.94]	MS14004-1	104	6	B010772-0021	449862-6	449862-6	
	.125	.029 L O	).74 ] .524	L13.31]2	2.168 55.07	.248 6.30 .238 6.05	5 ] .419 L	L 10.64 J   .5	590 L14.99 <sub>-</sub>	].418 L	10.62 ] 2	.401 L 60.99	]2.059 L 5	52.30 ] 2.620	L 66.55 J	MS18277-1	78	5	B010772-0019	449862-5	449862-5	
	.125	.029 L O	).74 」 .412	L 10.46 ] 2	2.262 57.45	.248 6.30 .238 6.05	5 ] .419 L	L 10.64 ] .4	479 L12.17 <sub>-</sub>	].306 L	7.77 ] 2	.495 [ 63.37	]2.154 L 5	54.71 2.714	68.94	MS18276-1	62	4	B010772-0017	449862-4	449862-4	
	.125	.049 1 .029 [ 0	).74 ] .412	L10.46]	1.615 L 41.02	.248 6.30 .238 6.05	5 ] .419 L	L 10.64 ] .4	479 L12.17 <sub>-</sub>	].306 L	7.77 ] 1	.847 L 46.91	] 1.506 L 3	38.25 ] 2.073	L 52.65 ]	MS18275-1	44	3	B010772-0015	449862-3	449862-3	
	.125	.040 [ 1 .020 [ 0	.51 .412	L 10.46 ] 1	1.073 L 27.25	] .248 [ 6.30 .238 [ 6.05	5 ] .419 L	_ 10.64 」 .∠	479 L 12.17 <u>-</u>	].306 L	7.77 ] 1	.307 [ 33.20	].966 L2	24.54 ] 1.526	L 38.76 J	MS18274-1	26	2	B010772-0013	449862-2	449862-2	
	,125	.040 [ 1 .020 [ 0		$\begin{bmatrix} 10.97\\ 10.46 \end{bmatrix}$	.769 [19.53 .749 [19.02	] .248 [ 6.30 .238 [ 6.05	) .439 5 ] .419 [	_ 11.15	509 12.93 479 12.17	.316 .306 [	8.03 7.77].	989 <sub>25.12</sub> 979 24.87		1.228 16.21 1.198		MS18273-1	15	1	B010772-0011	449862-1	449862-1	
	M REF	L		J	Н	G	f	F	E			С	В		A	INSERT ARRANGEMENT		SHELL SIZE	INK STAMP $\int_{3}$ Customer p/n	$\frac{AMP P/N}{ON CONNECTOR}$	PART NUMBER	A
																THIS DRAWING IS			DWN 05-18-94 T.THOMPSON		ectronics Corporation	
																DIMENSIONS:	T( OTH	DLERANCES UNLESS HERWISE SPECIFIED:	CHK 06-23-94 D.MANTIONE APVD - NAME		urg, PA 17105–3608	
																	0 PLC 1 PLC	± _ ± _	$\frac{-}{PRODUCT SPEC}$		YPE SOCKET CONTACTS	
																$\bigcirc \in$	4 PLC	± - ± - ± -	MIL-C-24308	SERIES 90, W/	REAR GROMMET,	ED TO
																MATERIAL SEE CALLOUTS	ANGLES FINISH	see callouts		1 00779 <b>C-</b> 449862		
305 REV 31MAR2000																			CUSTOMER DRAWING	SCALE	4:1 SHEET 2 OF 2 REV	H

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AMP 4805 REV 31MAR2000

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DIMENSIONS:	
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2 1 REVISIONS DATE DWN APVD \_\_\_\_ \_\_\_\_ P LTR DESCRIPTION - SEE SHEET 1

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## **Mouser Electronics**

Authorized Distributor

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TE Connectivity: 2-449862-3