

AMP 4805 REV 31MAR2000

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2					1							
	LOC	DIST		REVISIONS								
	CM	00	P	LTR	DESCRIPTION	DATE	DWN	APVD				
		1		D	EC OG3B 1113 04	26DEC05	BSV	DB				
D1 REVISED PER ECO-09-021510							KK	AEG				
MATERIAL: HOUSING – THERMOPLASTIC POLYESTER, GLASS FILLED, UL94–0. POST – COPPER ALLOY FINISH: HOUSING – BLACK POST – SEE NOTES 12 AND 13.												
POST TO WITHSTAND 3LBS (16N) MIN AXIAL FORCE IN THIS DIRECTION WITHOUT DISLODGING.												

4 APPLIES AT -A-.

APPLIES WHEN HEADER IS STRAIGHT .

6 PLASTIC PROJECTIONS PERMITTED IN THIS ZONE.

COORDINATE DIMENSIONS APPLIES FROM CENTER OF ACTUAL FEATURE.

8 SOLDER SIDE OF BOARD IS SHOWN.

9 post soldertail must comply with amp solderability spec 109-11-2.

LATCH DETENT FEATURE APPEARS 1 PLACE ON EACH END OF PART (MAX OF 2 PER PART) ON ALL POSITIONS 4 THRU 12. THE LATCH APPEARS ONLY ONE PLACE ON 2 & 3 POSITION PARTS.

11. DIMENSIONS IN BRACKETS ARE IN INCHES.

A BRIGHT TIN LEAD (93/7) PLATE 0.00381 – 0.00889 [.000150 – .000350] THICK, OVER NICKEL UNDERPLATE 0.00127 [.000050] MIN THICK.

A MATTE TIN PLATE 0.00381 – 0.00889 [.000150 – .000350] THICK, OVER NICKEL UNDERPLATE 0.00127 [.000050] MIN THICK.

0BSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

A   42.01   1.654   10   3-647124-0     38.05   1.498   9   2-647124-9     34.09   1.342   8   2-647124-7     30.12   1.186   7   2-647124-6     30.12   1.186   7   2-647124-7     26.16   1.030   6   2-647124-5     18.24   .718   4   2-647124-4     14.27   .562   3   2-647124-2     49.94   1.966   12   1-647124-2     45.97   1.810   1   1-647124-2     45.97   1.810   1   1-647124-2     45.97   1.810   1   1-647124-2     45.97   1.810   1   1-647124-2     45.97   1.810   1   1-647124-2     45.97   1.810   1   1-647124-2     42.01   1.654   10   1-647124-9     34.09   1.342   8   647124-9     34.09   1.342   8   647124-7     26.16   1.030   6   647124-7     26.20   .874 </td <td></td> <td></td> <td></td> <td>49.94</td> <td>1.966</td> <td>12</td> <td>3-647124-2</td> <td>ſ</td>				49.94	1.966	12	3-647124-2	ſ		
38.05   1.498   9   2-647124-9     34.09   1.342   8   2-647124-8     30.12   1.186   7   2-647124-7     26.16   1.030   6   2-647124-6     22.20   .874   5   2-647124-4     18.24   .718   4   2-647124-2     18.24   .718   4   2-647124-2     10.31   .406   2   2-647124-2     49.94   1.966   12   1-647124-2     45.97   1.810   11   1-647124-2     45.97   1.810   11   1-647124-2     45.97   1.810   11   1-647124-2     30.12   1.498   9   647124-9     34.09   1.342   8   647124-7     26.16   1.030   6   647124-7     30.12   1.186   7   647124-7     26.16   1.030   6   647124-7     30.12   1.186   7   647124-7     26.16   1.030   6   647124-7     10.31   .406   2				45.97	1.810	1 1	3-647124-1	t		
A   34.09   1.342   8   2-647124-8     30.12   1.186   7   2-647124-7     26.16   1.030   6   2-647124-6     22.20   .874   5   2-647124-5     18.24   .718   4   2-647124-4     14.27   .562   3   2-647124-2     49.94   1.966   12   1-647124-2     49.94   1.966   12   1-647124-2     45.97   1.810   11   1-647124-2     45.97   1.810   11   1-647124-2     45.97   1.810   11   1-647124-2     34.09   1.342   8   647124-9     34.09   1.342   8   647124-7     26.16   1.030   6   647124-7     26.16   1.030   6   647124-7     26.16   1.030   6   647124-7     26.16   1.030   6   647124-7     26.16   1.030   6   647124-7     10.31   .406   2   647124-7     10.31   .406				42.01	1.654	10	3-647124-0			
A   30.12   1.186   7   2-647124-7     26.16   1.030   6   2-647124-6     22.20   .874   5   2-647124-4     14.27   .562   3   2-647124-3     10.31   .406   2   2-647124-2     49.94   1.966   12   1-647124-2     45.97   1.810   11   1-647124-2     45.97   1.810   11   1-647124-0     38.05   1.498   9   647124-9     34.09   1.342   8   647124-7     26.16   1.030   6   647124-7     26.16   1.030   6   647124-7     26.16   1.030   6   647124-7     26.16   1.030   6   647124-7     18.24   .718   4   647124-7     10.31   .406   2   647124-7     10.31   .406   2   647124-7     10.31   .406   2   647124-7     10.31   .406   2   647124-7     10.31   .406   2				38.05	1.498	9	2-647124-9			
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A     22.20     .874     5     2-647124-5       18.24     .718     4     2-647124-4       14.27     .562     3     2-647124-2       10.31     .406     2     2-647124-2       49.94     1.966     12     1-647124-2       45.97     1.810     1     1-647124-0       38.05     1.498     9     647124-9       34.09     1.342     8     647124-7       26.16     1.030     6     647124-7       26.16     1.030     6     647124-7       26.16     1.030     6     647124-7       26.16     1.030     6     647124-7       26.16     1.030     6     647124-7       26.16     1.030     6     647124-7       26.16     1.030     6     647124-7       26.16     1.030     6     647124-7       26.16     1.030     70     647124-2       18.24     .718     4     647124-3       10.31			13	30.12	1.186	7	2-647124-7			
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A   10.31   .406   2   2-647124-2     A   SUPERSEDED   49.94   1.966   12   1-647124-2     45.97   1.810   1   1-647124-0     45.97   1.810   1   1-647124-0     38.05   1.498   9   647124-9     34.09   1.342   8   647124-7     26.16   1.030   6   647124-6     22.20   .874   5   647124-4     14.27   .562   3   647124-4     14.27   .562   3   647124-2     NM   IN   NO. OF   PART NUMBER     PLATING   MM   IN   NO. OF     PLATING   MM   IN   NO. OF     OPIC   -   -   -     OPIC   -   -   Tourse     OPIC   -   -   -				18.24	.718	4	2-647124-4	$\neg$		
A   SUPERSEDED   49.94   1.966   12   1-647124-2     45.97   1.810   11   1-647124-1     42.01   1.654   10   1-647124-9     38.05   1.498   9   647124-9     34.09   1.342   8   647124-7     26.16   1.030   6   647124-7     26.16   1.030   6   647124-4     14.27   .562   3   647124-3     10.31   .406   2   647124-2     PLATING   MM   IN   NO. OF     PLATING   INM   POSN   PART NUMBER     A   CONTROLLED DOCUMENT.   INM   INN   NO. OF     PLATING   INM   INN   NO. OF   PART NUMBER     A   CONTROLLED DOCUMENT.   INM   INN   NO. OF     PLATING   INM   INN   NO. OF   PART NUMBER     D. CLARK   INN   PONDUT SPEC   Industrian   Industrian     PONDUT SPEC   Industrian   Industrian   Industrian   Industrian     PONDUT SPEC <td< td=""><td></td><td></td><td>14.27</td><td>.562</td><td>3</td><td>2-647124-3</td><td colspan="2">1</td></td<>				14.27	.562	3	2-647124-3	1		
A   SUPERSEDED   45.97   1.810   1   1   1   -6471241     42.01   1.654   10   1   -6471240   38.05   1.498   9   6471249     34.09   1.342   8   6471248   30.12   1.186   7   6471247     26.16   1.030   6   6471246   22.20   .874   5   6471246     SUPERSEDED   22.20   .874   5   6471245   18.24   .718   4   6471244     14.27   .562   3   6471243   10.31   .406   2   6471242     PLATING   MM   IN   NO. OF   PART NUMBER   NME     OTHERNCES UNLESS   R. SWING   17JUN98   Trouver betwee   Tyco Electronics Corporation     MM   IN   NO. OF   PART NUMBER   MATA-156   SHROUDED HEADER     MCC ± -   -   -   ASEMBLY,STRAIGHT .045 ROUND   POST,TIN,W/O RETENTION PEG     PLOC ± +   -   -   -   SIZE   CAGE CODE DRAWING NO   RESTRICTED TO     ARCIN ±   -   -<				10.31	.406	2	2-647124-2	24-2		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				49.94	1.966	12	1-647124-2			
Image: Superseded of the sector of the se	$\overline{14}$	JUPERSEDED		45.97	1.810	1 1	1-647124-1			
Image: A controlled document.	<u> </u>			42.01	1.654	10	1-647124-0			
14   12   30.12   1.186   7   647124-7     26.16   1.030   6   647124-6     22.20   .874   5   647124-5     18.24   .718   4   647124-4     14.27   .562   3   647124-3     10.31   .406   2   647124-2     PLATING   MM   IN   NO. OF     PLATING   MM   IN   NO. OF     PLATING   17JUN98   Tyco   Electronics     CONTROLLED DOCUMENT.   IN   NM   NO. OF     PLATING   IN   NO. OF   PART NUMBER     OF   R. SWING   17JUN98   Tyco   Electronics     OF   PART   NUMBER   NME   MARE     OF   PART   NUMBER   MARE   MARE     OF   Inclass   Inclass   Inclass   Inclass   Inclass     OF   Inclass   Inclass   Inclass   Inclass   Inclass   Inclass     Inclass   Inclass   Inclass   Inclass   Inclaston spec   Inclass   <				38.05	1.498	9	647124-9			
SUPERSEDED   26.16   1.030   6   647124-6     SUPERSEDED   22.20   .874   5   647124-5     18.24   .718   4   647124-4     14.27   .562   3   647124-3     10.31   .406   2   647124-2     PLATING   MM   IN   NO. OF     PLC   L   DIM   POSN     OPLC   ±   -   -     PLC   ±   -   -     PLC   ±   -   -     APPO   17JUN98   NAME   MTA-156     OPLC   ±   -   -   ASSEMBLY,STRAIGHT   .045     PLC   ±   -   -   -   APPO   -     OPLC   ±   -   -   -   ASSEMBLY,STRAIGHT   .045   ROUND     POST,TIN,W/O			12	34.09	1.342	8	647124-8			
SUPERSEDED   22.20   .874   5   647124-5     SUPERSEDED   18.24   .718   4   647124-4     14.27   .562   3   647124-3     10.31   .406   2   647124-2     PLATING   MM   IN   NO. OF     PLATING   MM   IN   NO. OF     PLATING   MM   IN   NO. OF     A CONTROLLED DOCUMENT.   B. LEWIS   17JUN98     B. LEWIS   17JUN98   Tyco     B. LEWIS   17JUN98     B. LEWIS   17JUN98     APVD   ITJUN98     CHERANCES UNLESS   APVD     IPIC   ± -		<u>/14\</u>		30.12	1.186	7	647124-7			
SUPERSEDED   18.24   .718   4   647124-4     14.27   .562   3   647124-3     10.31   .406   2   647124-2     PLATING   MM   IN   NO. OF   PART NUMBER     A CONTROLLED DOCUMENT.   MN   IN   NO. OF   PART NUMBER     B. LEWIS   17JUN98   Tyco Electronics Corporation     OFHERWISE SPECIFIED:   OFHERWISE SPECIFIED:   TYJUN98   Tyco Electronics Harrisburg, PA 17105-3608     OPLC   ±   -   ASSEMBLY,STRAIGHT .045 ROUND   PRODUCT SPEC     J PLC   ±   -   ASSEMBLY,STRAIGHT .045 ROUND   POST,TIN,W/O RETENTION PEG     APPLICATION SPEC   -   -   SIZE   CAGE CODE   DRAWING NO     APPLICATION SPEC   -   -   A1   00779   C=647124   -     FINISH   -   WEIGHT   -   A1   00779   C=647124   -				26.16	1.030	6	647124-6			
Image: 10.2 r   1.7 rol   +   0.7 rol   +   1.7 rol   +   1.7 rol   +   1.7 rol   +   +   0.7 rol   +   1.7 rol				22.20	.874	5	647124-5			
Image: Construct of the system Image		SUPERSEDED		18.24	.718	4	647124-4			
PLATING MM IN NO. OF POSN PART NUMBER   A CONTROLLED DOCUMENT. DWN 17JUN98 Type Type   B. LEWIS 17JUN98 Type Type Type   OTHERWISE SPECIFIED: APVD 17JUN98 Type Harrisburg, PA 17105-3608   O PLC ± - APVD 17JUN98 MAME   J PLC ± - APVD 17JUN98   Z PLC ± - APVD 17JUN98   J PLC ± - APVD 17JUN98   Z PLC ± - APVD 17JUN98   J PLC ± - - ASSEMBLY,STRAIGHT .045 ROUND   Z PLC ± - - POST,TIN,W/O RETENTION PEG   APPLICATION SPEC - - SIZE CAGE CODE DRAWING NO   ANGLES ± - - - - -   FINISH - - - - - -				14.27	.562	3	647124-3			
A CONTROLLED DOCUMENT. A CONTROLLED DOCUMENT. A CONTROLLED DOCUMENT. A CONTROLLED DOCUMENT. A CONTROLLED DOCUMENT. D CLARK 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - - FINISH - WEIGHT - WEIGHT - NAME D CLARK PRODUCT SPEC APVD 17JUN98 NAME MTA-156 SHROUDED HEADER ASSEMBLY,STRAIGHT .045 ROUND POST,TIN,W/O RETENTION PEG SIZE CAGE CODE PRAVING NO RESTRICTED TO 00779 C=647124 - SCALE SIZE CAGE CODE REAL SCALE STALE				10.31	.406	2	647124-2			
A CONTROLLED DOCUMENT. A CONTROLLED DOCUMENT. DWN 17JUN98 B. LEWIS CHK 17JUN98 R. SWING OTHERWISE SPECIFIED: OTHERWISE SPECIFIED: O PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - APPLICATION SPEC - FINISH - WEIGHT - WEIGHT - CLARK APPLICATION SPEC - FINISH - CLARK APPLICATION SPEC - FINISH - WEIGHT - CLARK APPLICATION SPEC - FINISH - CLARK APPLICATION SPEC - CLARK APPLICATION SPEC - CAGE CODE CAGE CODE SCALE SUME - CAGE CODE CAGE CODE C			DI ATING	MM		NO. OF				
TOLERANCES UNLESS OTHERWISE SPECIFIED:   R. SWING   Electronics   Homsburg, FA 17103-3008     0 PLC   ± -   APVD   17JUN98   NAME   MTA-156   SHROUDED HEADER     0 PLC   ± -   PRODUCT SPEC   ASSEMBLY,STRAIGHT .045   ROUND     2 PLC   ± -   -   POST,TIN,W/O   RETENTION   PEG     3 PLC   ± .005   APPLICATION SPEC   SIZE   CAGE CODE   DRAWING NO   RESTRICTED TO     ANGLES   ± -   -   A1   00779   C=647124   -				L		POSN	FARI NUMBER			
TOLERANCES UNLESS OTHERWISE SPECIFIED:   R. SWING   Electronics   Homsburg, FA 17103-3008     0 PLC   ± -   APVD   17JUN98   NAME   MTA-156   SHROUDED HEADER     0 PLC   ± -   PRODUCT SPEC   ASSEMBLY,STRAIGHT .045   ROUND     2 PLC   ± -   -   POST,TIN,W/O   RETENTION   PEG     3 PLC   ± .005   APPLICATION SPEC   SIZE   CAGE CODE   DRAWING NO   RESTRICTED TO     ANGLES   ± -   -   A1   00779   C=647124   -	A CONTROLLED DOCUMENT.		B. LEWIS	17JUN98	<b>₹</b> Tyco	Tyco Elec	tronics Corporation			
D. CLARK   MTA-156 SHROUDED HEADER     1 PLC   ± -     2 PLC   ± -     3 PLC   ± .005     4 PLC   ± -     ANGLES   ± -     -   Weight     -   A1 00779     C=647124   -		TOLERANCES UNLESS	R. SWING		Electronics	Harrisburg	g, PA 17105-3608			
1 PLC   ± -     2 PLC   ± -     3 PLC   ± .005     4 PLC   ± -     ANGLES   ± -     -   Keight     -   All 00779     C=647124	D. CLARK									
3 PLC ± .005 APPLICATION SPEC I COST, III, W/O RETENTION FLOW   4 PLC ± - - SiZE CAGE CODE DRAWING NO   ANGLES ± - - A1 00779 C=647124 -		PLC ± -	PRODUCT SPEC							
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 PLC ± .005 APPLICATION									
	A	NGLES ± -		^			RESTRICTED TO			
CUSTOMER DRAWING 5:1 T 1 1 T D1		-		,	100//96					
			CUSTOMER	DRAWING		5 SCALE 5	$(1)^{\text{SPILL}}$ 1 1 1 $\mathbb{D}$			

## **Mouser Electronics**

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