



- 1 POST TO WITHSTAND 13 NEWTONS (3 LBS) MINIMUM AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- 2 TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- 3 MEASURED AT SURFACE -A-
- 4 PLASTIC FLASH PERMITTED IN THIS AREA.
- 5 PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- 6 ONE HOLE MAY BE UNDERSIZED 1.30/1.17 [.051/.046] DIA. FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 7 MATERIAL: HEADER-THERMOPLASTIC POLYESTER GLASS-FILLED 94V-0 (NATURAL) POST-COPPER ALLOY (SEE NOTES 13 & 14 FOR PLATING)
- 8 COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 9 PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- 10 POST TO BE MEASURED WHEN STRIP IS HELD FLAT.
- 11 POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 12 DIMENSION SHOULD BE 4.45 [.175] MIN WHEN MATING WITH A MTA-156 CONNECTOR ASSEMBLY OR A SL-156 CONNECTOR ASSEMBLY.
- 13 PLATING: GOLD PLATE AREA, 0.00038 [.000015] GOLD OR 0.00008 [.000003] MIN GOLD FLASH OVER 0.00030 [.000012] PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, 0.00127 [.000050] MIN, ALL SIDES AND ENTIRE LENGTH OF POST.
- 14 PLATING: BRIGHT TIN/LEAD (93/7) PLATE AREA, 0.00381-0.00889 [.000150-.000350] THICK, ALL FOUR SIDES 3.18 [.175] MINIMUM FOR -2 THRU -24. MATTE TIN PLATE AREA 0.00381-0.00889 [.000150-.000350] THICK ALL FOUR SIDES, 3.18 [.175] FOR -32 THRU -54.
- 15 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI
- 16 OBSOLETE PART NUMBER

DIM (L)	NO.OF POSN	ASSEMBLY
95.10 [3.744]	24	5-644767-4
91.14 [3.588]	23	5-644767-3
87.17 [3.432]	22	5-644767-2
83.21 [3.276]	21	5-644767-1
79.25 [3.120]	20	5-644767-0
75.29 [2.964]	19	4-644767-9
71.32 [2.808]	18	4-644767-8
67.36 [2.652]	17	4-644767-7
63.40 [2.496]	16	4-644767-6
59.44 [2.340]	15	4-644767-5
55.47 [2.184]	14	4-644767-4
51.51 [2.028]	13	4-644767-3
47.55 [1.872]	12	4-644767-2
43.59 [1.716]	11	4-644767-1
39.62 [1.560]	10	4-644767-0
35.66 [1.404]	9	3-644767-9
31.70 [1.248]	8	3-644767-8
27.74 [1.092]	7	3-644767-7
23.77 [0.936]	6	3-644767-6
19.81 [0.780]	5	3-644767-5
15.85 [0.624]	4	3-644767-4
11.89 [0.468]	3	3-644767-3
7.92 [0.312]	2	3-644767-2

DIM (L)	NO.OF POSN	ASSEMBLY
95.10 [3.744]	24	<del>2-644767-4</del>
91.14 [3.588]	23	<del>2-644767-3</del>
87.17 [3.432]	22	<del>2-644767-2</del>
83.21 [3.276]	21	<del>2-644767-1</del>
79.25 [3.120]	20	<del>2-644767-0</del>
75.29 [2.964]	19	<del>1-644767-9</del>
71.32 [2.808]	18	<del>1-644767-8</del>
67.36 [2.652]	17	<del>1-644767-7</del>
63.40 [2.496]	16	<del>1-644767-6</del>
59.44 [2.340]	15	<del>1-644767-5</del>
55.47 [2.184]	14	<del>1-644767-4</del>
51.51 [2.028]	13	<del>1-644767-3</del>
47.55 [1.872]	12	<del>1-644767-2</del>
43.59 [1.716]	11	<del>1-644767-1</del>
39.62 [1.560]	10	<del>1-644767-0</del>
35.66 [1.404]	9	<del>644767-9</del>
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23.77 [0.936]	6	<del>644767-6</del>
19.81 [0.780]	5	<del>644767-5</del>
15.85 [0.624]	4	<del>644767-4</del>
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THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN S: HOOVER 07NOV02	TE Connectivity
0 PLC ± -	1 PLC ± -	CHK: D. ROSSI 07NOV02	NAME: MTA-156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT, .045 ROUND POST, .000015 GOLD, SPECIAL
2 PLC ± ± 0.13 [0.005]	3 PLC ± ± -	APVD: D. ROSSI 07NOV02	PRODUCT SPEC: APPLICATION SPEC
4 PLC ± ± -	ANGLES ± ± -	SIZE: A1	CAGE CODE: 00779
MATERIAL: 7	FINISH: 7	WEIGHT: -	DRAWING NO: 644767
CUSTOMER DRAWING		SCALE: 5:1	SHEET 1 OF 1 REV: H2