



- 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 -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 0.81-0.89 [0.032-.035] DIA. FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 7 MATERIAL: HEADER-THERMOPLASTIC POLYESTER
94V-0 (NATURAL)
POST-COPPER ALLOY
FINISH-USE PLATING NOTES 13 & 14 FOR -2 THRU -18
AND NOTES 13 & 15 FOR -32 THRU -58
- 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 POSTS TO BE MEASURED WHEN STRIP IS HELD FLAT.
- 11 POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 12 DIMENSION SHOULD BE 2.79-4.06 [0.110-.160] MIN WHEN MATING WITH A MTA-100 CONNECTOR ASSEMBLY OR 2.79-3.05 [0.110-.120] WHEN MATING WITH A CST-100 CONNECTOR ASSEMBLY.
- 13 PLATING: GOLD PLATE AREA, 0.00076 [0.000030] GOLD OR 0.00008 [0.000003] MIN GOLD FLASH OVER 0.00068 [0.000027] PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, .00127 [0.000050] MIN, ALL SIDES AND ENTIRE LENGTH OF POST.
- 14 PLATING: BRIGHT TIN/LEAD (93/7) PLATE AREA, 0.00381-0.00889 [0.000150-.000350] THICK, ALL FOUR SIDES 3.56 [0.140] MINIMUM.
- 15 PLATING: MATTE TIN PLATE AREA, 0.00381-0.00889 [0.000150-.000350] THICK, ALL FOUR SIDES 3.56 [0.140] MINIMUM.
- 16 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

LEAD FREE	45.72 [1.800]	18	4-641214-8
	43.18 [1.700]	17	4-641214-7
	40.64 [1.600]	16	4-641214-6
	38.10 [1.500]	15	4-641214-5
	35.56 [1.400]	14	4-641214-4
	33.02 [1.300]	13	4-641214-3
	30.48 [1.200]	12	4-641214-2
	27.94 [1.100]	11	4-641214-1
	25.40 [1.000]	10	4-641214-0
	22.86 [0.900]	9	3-641214-9
	20.32 [0.800]	8	3-641214-8
	17.78 [0.700]	7	3-641214-7
	15.24 [0.600]	6	3-641214-6
	12.70 [0.500]	5	3-641214-5
	10.16 [0.400]	4	3-641214-4
7.62 [0.300]	3	3-641214-3	
5.08 [0.200]	2	3-641214-2	
DIM (L)	NO.OF POSN	ASSEMBLY	

OBSOLETE PARTS	45.72 [1.800]	18	-1-641214-8
	43.18 [1.700]	17	-1-641214-7
	40.64 [1.600]	16	-1-641214-6
	38.10 [1.500]	15	1-641214-5
	35.56 [1.400]	14	1-641214-4
	33.02 [1.300]	13	-1-641214-3
	30.48 [1.200]	12	-1-641214-2
	27.94 [1.100]	11	-1-641214-1
	25.40 [1.000]	10	-1-641214-0
	22.86 [0.900]	9	-641214-9
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	15.24 [0.600]	6	-641214-6
	12.70 [0.500]	5	-641214-5
	10.16 [0.400]	4	-641214-4
7.62 [0.300]	3	-641214-3	
5.08 [0.200]	2	-641214-2	
DIM (L)	NO.OF POSN	ASSEMBLY	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN S. HOOVER 26-JAN-2005	26-JAN-2005
0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ± 0.13 [0.005]
4 PLC ±	ANGLES ±	APPRO D. ROSSI 26-JAN-2005	NAME
MATERIAL	FINISH	APPLICATION SPEC	SIZE CASE CODE DRAWING NO
		WEIGHT	A1 00779 C=641214
		CUSTOMER DRAWING	SCALE 8:1 SHEET 1 of 1 REV V2

STE TE Connectivity
MTA-100 HEADER ASSEMBLY, POLARIZED, NOTCHED, .025 SQUARE RIGHT ANGLE POST, .000030 GOLD PLATED