

LOC		DIST		REVISIONS					
CM		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				C		REVISED PER ECO-12-009789	09OCT2012	KH	SM

- 1

MATERIAL:
HEADER- NYLON 4/6, HIGH TEMPERATURE, UL94V-0
POST: COPPER ALLOY
CAVITY CARRIER TAPE: BLACK CONDUCTIVE POLYCARBONATE
COVER TAPE: POLYESTER FILM TAPE.
- 2

FINISH:
HOUSING: COLOR, BLACK
POST: 0.00381 [.000015] GOLD OVER NICKEL.
- 3

POSTS TO WITHSTAND 13 NEWTONS [3 LBS] MIN AXIAL FORCE
IN THIS DIRECTION WITHOUT DISLODGING, BEFORE SOLDERING.
- 4

POSTS SOLDERTAILS MUST COMPLY WITH AMP SOLDERABILITY
SPEC 109-11-2.
- 5

MEASURED AT

-A-

.
- 6

APPLIES WHEN HEADER IS HELD STRAIGHT.
- 7

COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL
FEATURE.
- 8

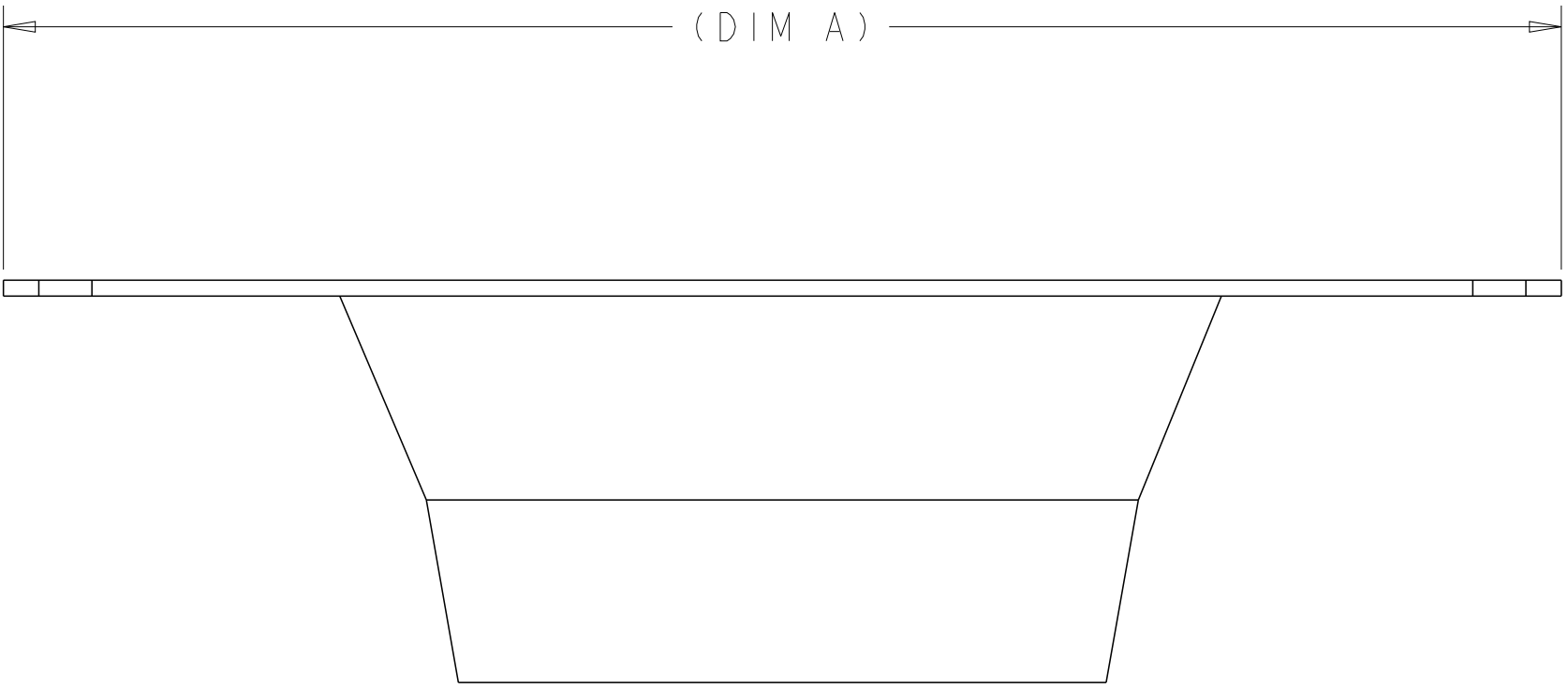
DIMENSIONS APPLY TO THE COMPONENT SIDE OF BOARD.
- 9

MAXIMUM TEMPERATURE EXPOSURE DURING REFLOW SOLDERING
NOT TO EXCEED 280°C [536°F].
10.

HEADERS ARE SUPPLIED ON A 330.2mm [13 INCH] DIAMETER
REEL,WITH 225 PARTS PER REEL. THE CAVITY CARRIER TAPE
HOLDS 1 PART PER POCKET,ORIENTED AS SHOWN.
- 11

AMP LOGO,UL AND CSA TRADEMARKS TO APPEAR ON THIS SURFACE.
- 12

MATTE TIN 0.00381 [.000150] MIN THICK ON SOLDER TAIL.



3-647467-7 SHOWN

SEE SHEET 2 FOR
PART NUMBER TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K. WHITAKER 09JAN2007	 TE Connectivity			
DIMENSIONS: mm[INCHES]		CHK D. BOSSI 09JAN2007				
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD D. BOSSI 09JAN2007	NAME	MTA-100 HDR ASSY, SURFACE MOUNT, FRICTION LOCK, .025 SQUARE POST, 15 GOLD PLATED, CARRIER TAPE LOADE		
		PRODUCT SPEC				
		APPLICATION SPEC				
		SIZE				
MATERIAL	ANGLES FINISH	WEIGHT	CASE CODE DRAWING NO		RESTRICTED TO	
			A100779C=647467			
		CUSTOMER DRAWING		SCALE 5:1	SHEET 1 OF 2	REV C

Ø 1.5±0.1
[.059±.004]
TYP

1.75
[.069]

(DIM B)

4
[.157]

10.92
[.430]

20
[.787]

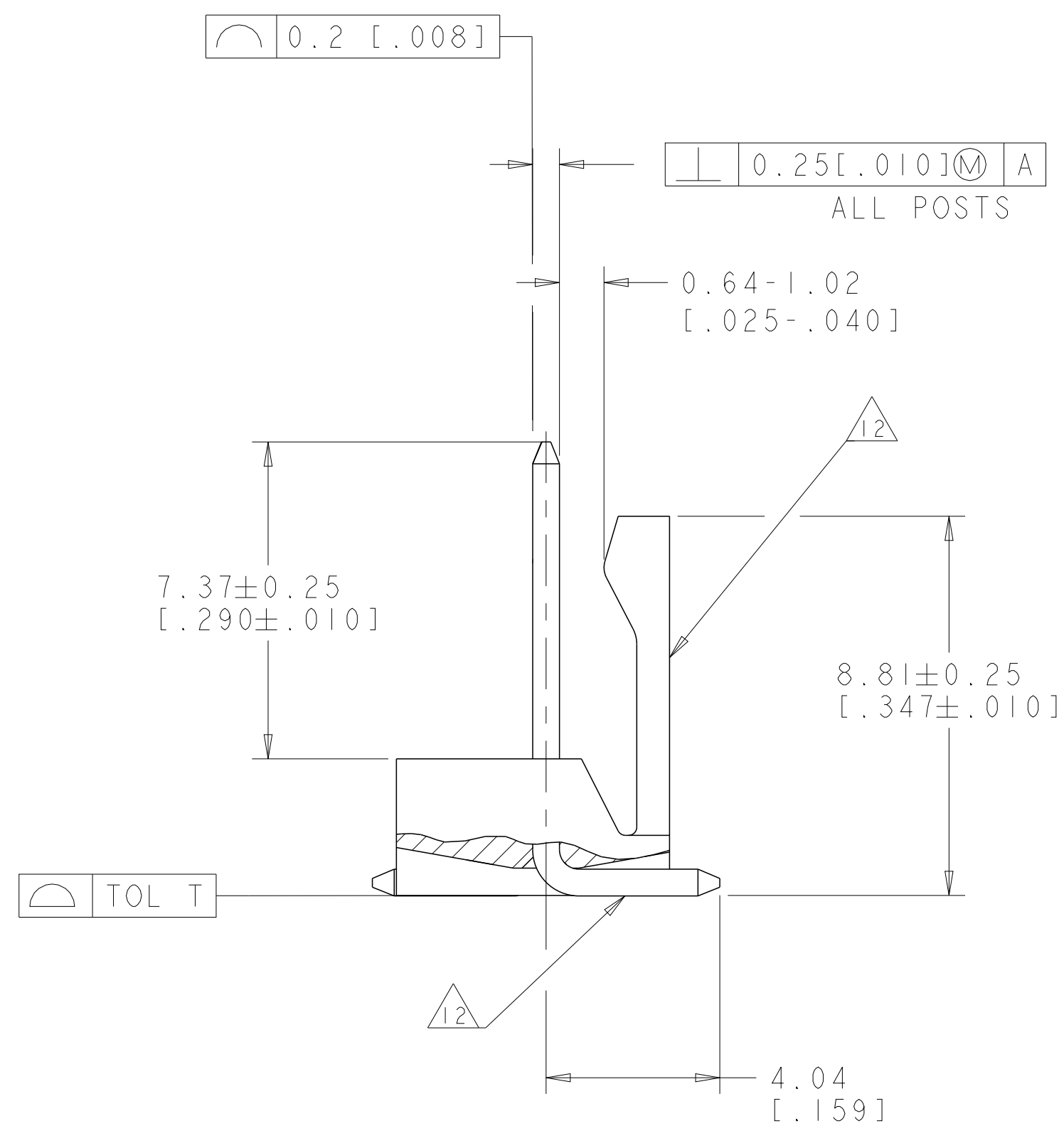
COVER TAPE

CAVITY CARRIER TAPE

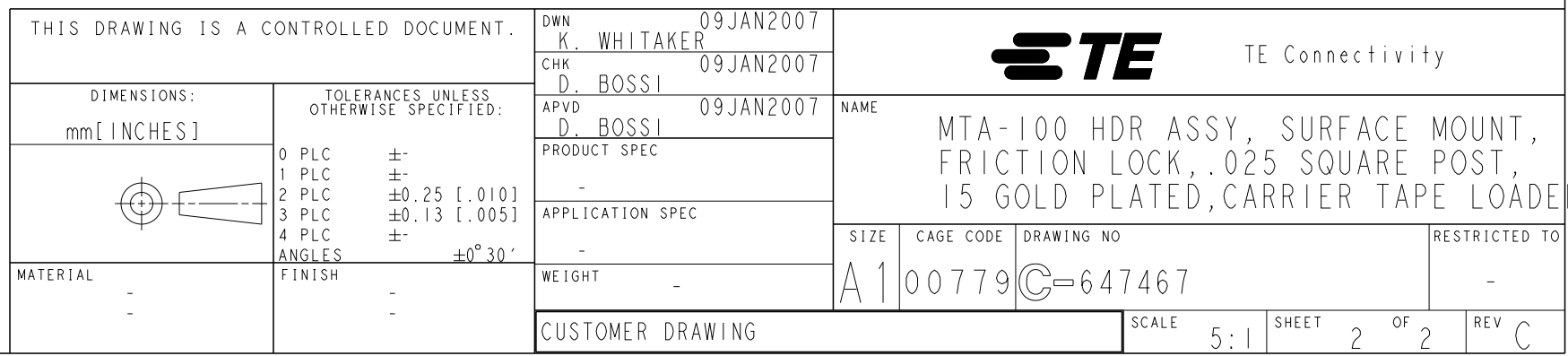
HEADER ASSEMBLY
(SEE SHEET 2)

3 DIMENSIONAL VIEW
SCALE 3:1

DIRECTION OFF TOP OF REEL



PRELIMINARY	0.2 [.008]	34.25 [1.348]	72.00 [2.835]	45.72 [1.800]	18	4-647467-8
PRELIMINARY	0.2 [.008]	34.25 [1.348]	72.00 [2.835]	43.18 [1.700]	17	4-647467-7
PRELIMINARY	0.2 [.008]	34.25 [1.348]	72.00 [2.835]	40.64 [1.600]	16	4-647467-6
PRELIMINARY	0.2 [.008]	34.25 [1.348]	72.00 [2.835]	38.10 [1.500]	15	4-647467-5
PRELIMINARY	0.2 [.008]	26.20 [1.031]	56.00 [2.205]	35.56 [1.400]	14	4-647467-4
PRELIMINARY	0.2 [.008]	26.20 [1.031]	56.00 [2.205]	33.02 [1.300]	13	4-647467-3
PRELIMINARY	0.15 [.006]	26.20 [1.031]	56.00 [2.205]	30.48 [1.200]	12	4-647467-2
PRELIMINARY	0.15 [.006]	26.20 [1.031]	56.00 [2.205]	27.94 [1.100]	11	4-647467-1
PRELIMINARY	0.15 [.006]	20.20 [.795]	44.00 [1.732]	25.40 [1.00]	10	4-647467-0
PRELIMINARY	0.15 [.006]	20.20 [.795]	44.00 [1.732]	22.86 [.900]	9	3-647467-9
-	0.15 [.006]	20.20 [.795]	44.00 [1.732]	20.32 [.800]	8	3-647467-8
	0.15 [.006]	20.20 [.795]	44.00 [1.732]	17.78 [.700]	7	3-647467-7
	0.15 [.006]	14.20 [.559]	32.00 [1.260]	15.24 [.600]	6	3-647467-6
	0.15 [.006]	14.20 [.559]	32.00 [1.260]	12.70 [.500]	5	3-647467-5
	0.15 [.006]	14.20 [.559]	32.00 [1.260]	10.16 [.400]	4	3-647467-4
	0.15 [.006]	14.20 [.559]	32.00 [1.260]	7.62 [.300]	3	3-647467-3
	0.15 [.006]	11.50 [.453]	24.00 [.945]	5.08 [.200]	2	3-647467-2
PRELIMINARY	0.15 [.006]	11.50 [.453]	24.00 [.945]	5.08 [.200]	2	3-647467-2
	TOL T	DIM B	DIM A	DIM L	NO. OF POSN	PART NUMBER



4805 (3/11)

Mouser Electronics

Authorized Distributor

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