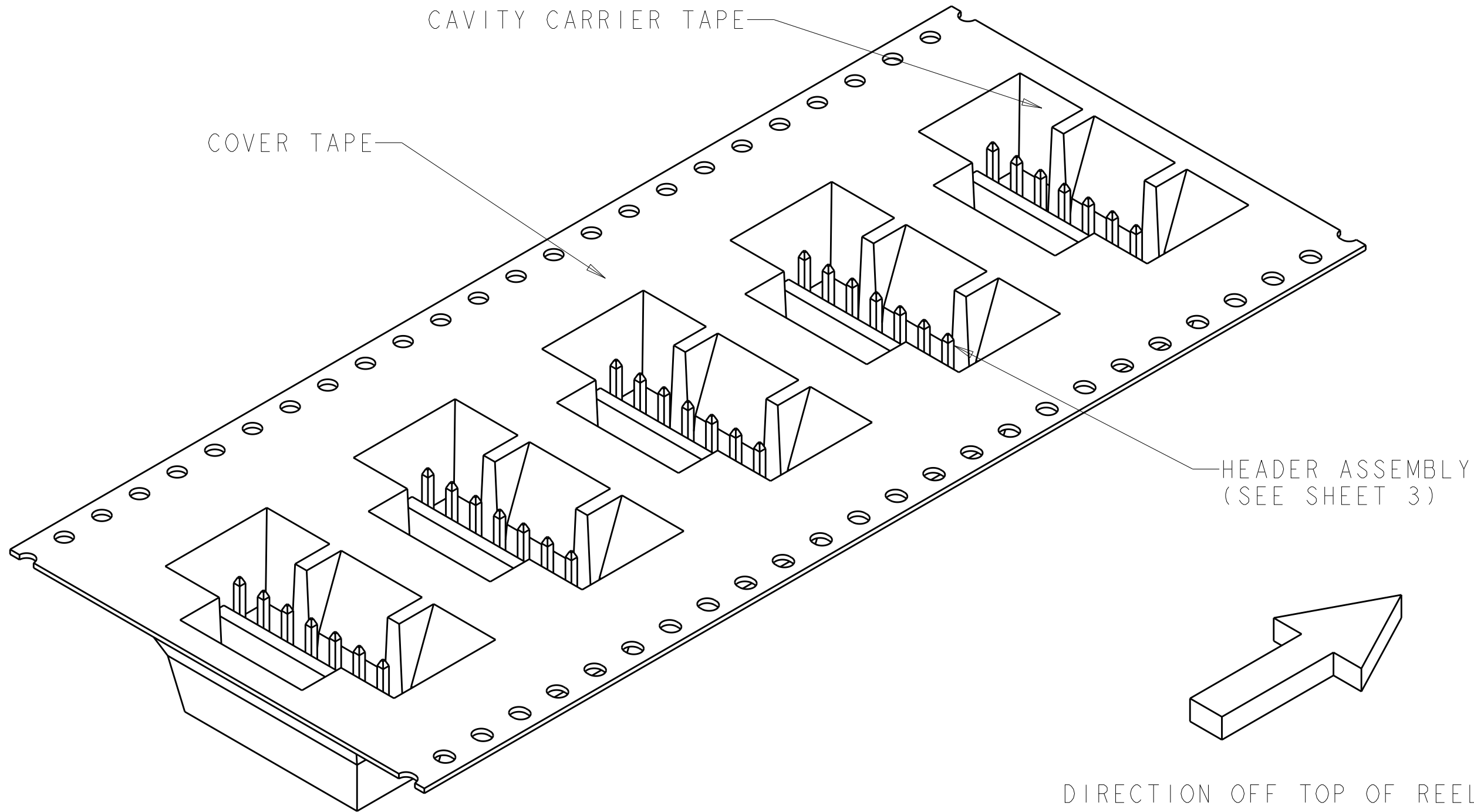
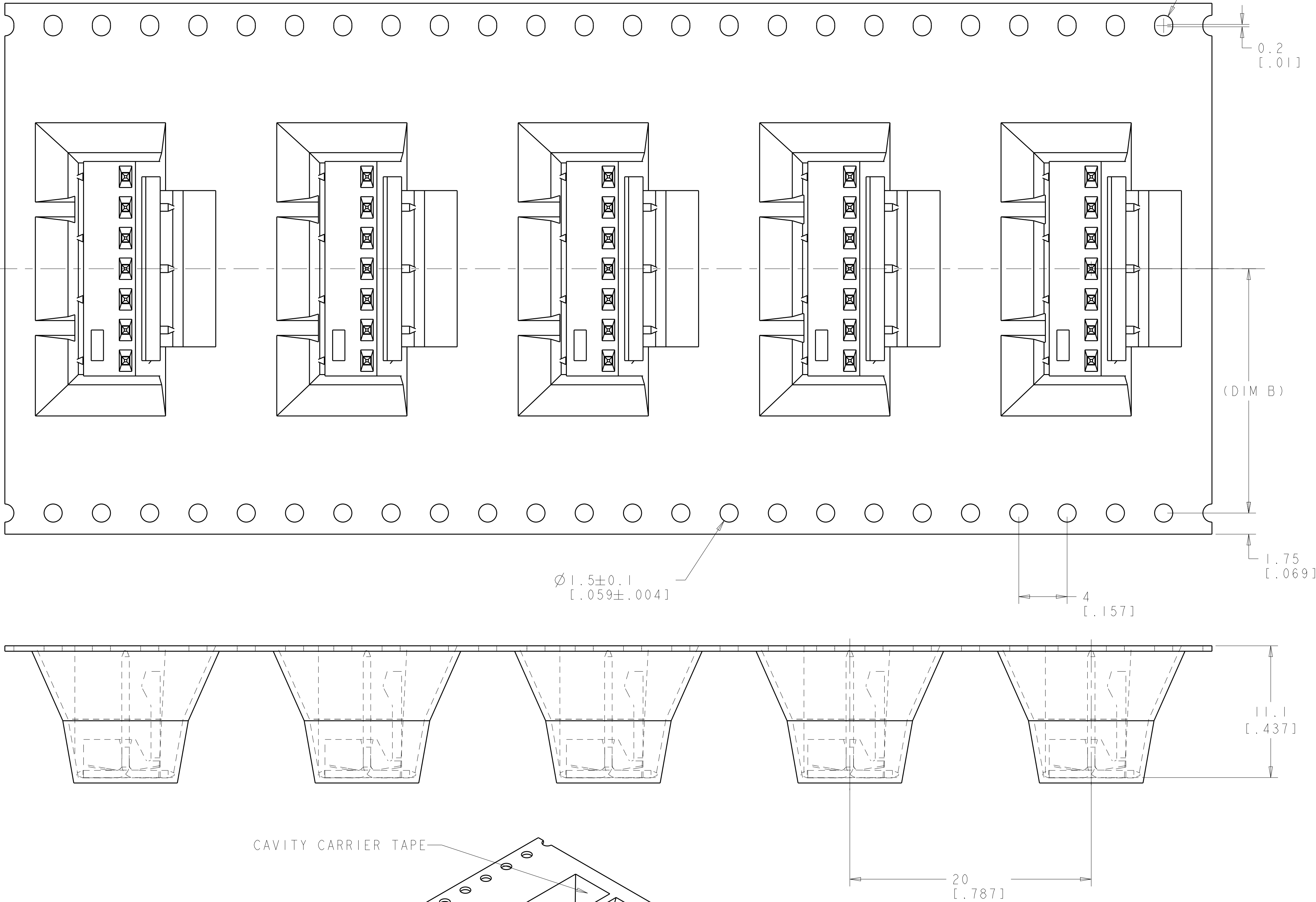
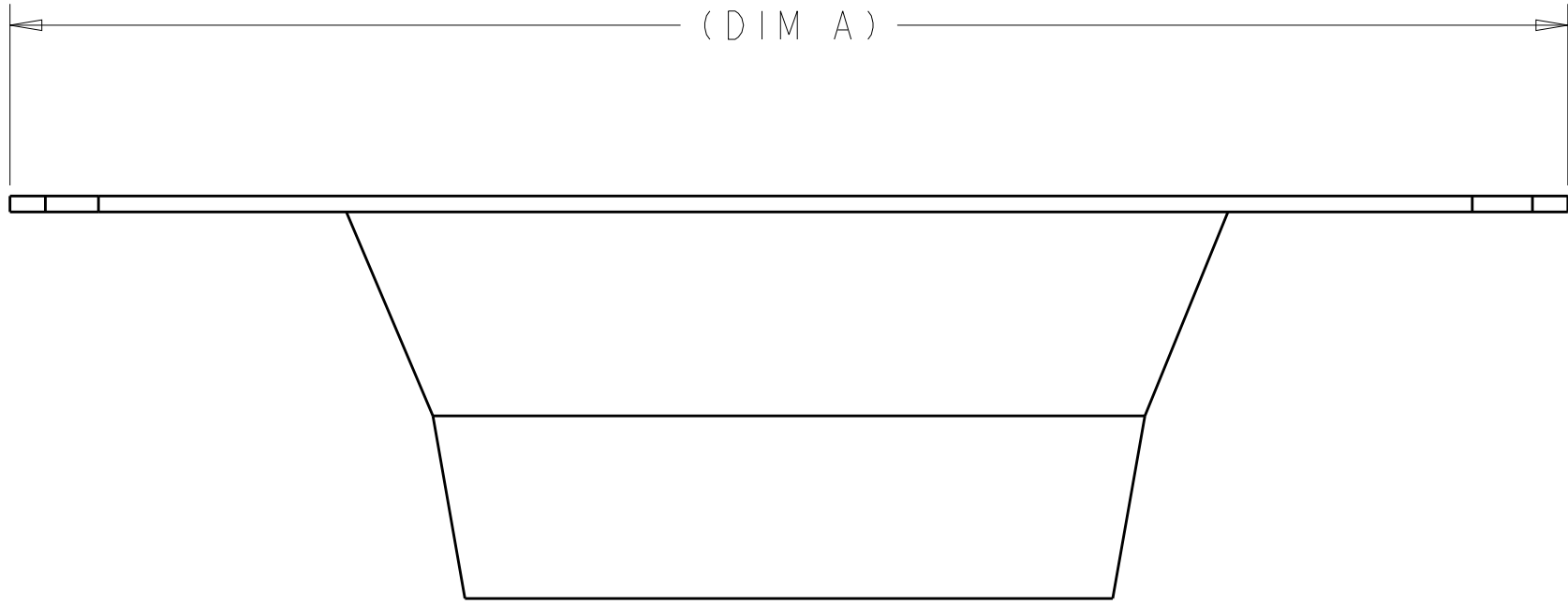


LOC		DIST		REVISIONS				
CM		P	LTR	DESCRIPTION	DATE	DWN	APVD	
		D		REVISED PER ECO-12-009012	30AUG2012	KH	SM	
		D1		REVISED PER ECR-14-006930	27MAY2014	AV	KD	
		D2		REVISED PER ECR-14-016309	27NOV2014	O.C	D.Z	

- ⚠ 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: TIN PLATED.
- 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 TE LOGO, UL AND CSA TRADEMARKS TO APPEAR ON THIS SURFACE.
- ⚠ 13 OBSOLETE PARTS.

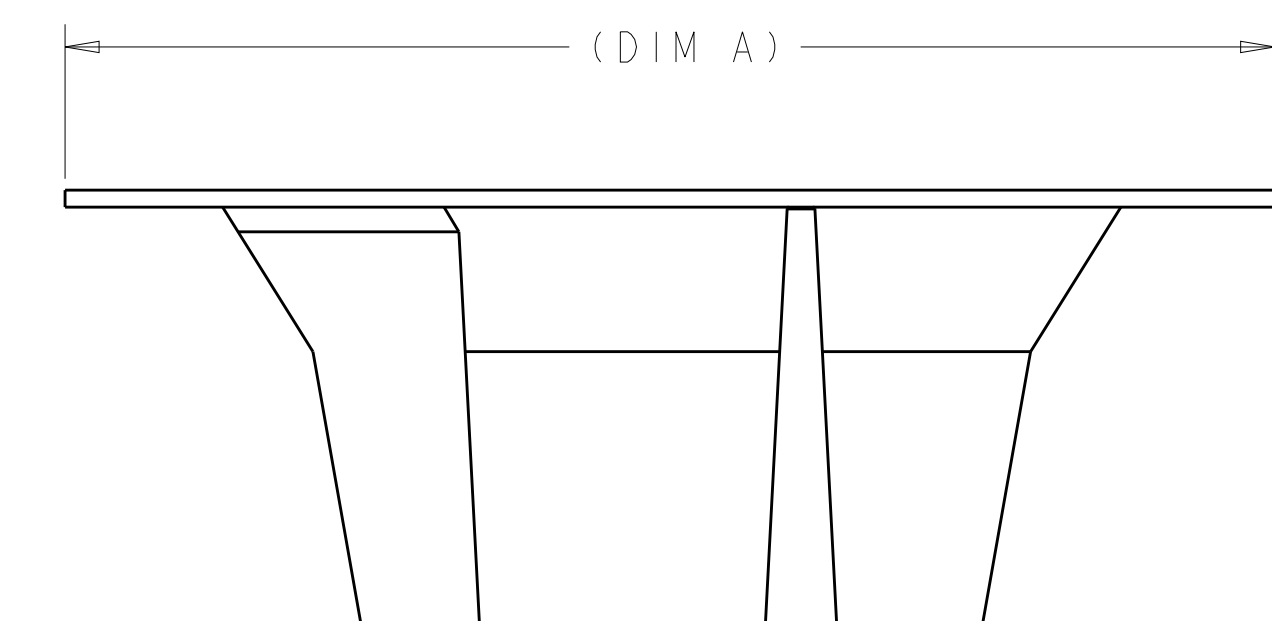


DIRECTION OFF TOP OF REEL

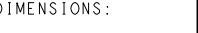
FOR ODD P/N 647502-7 SHOWN

SEE SHEET 3 FOR
PART NUMBER TABLE

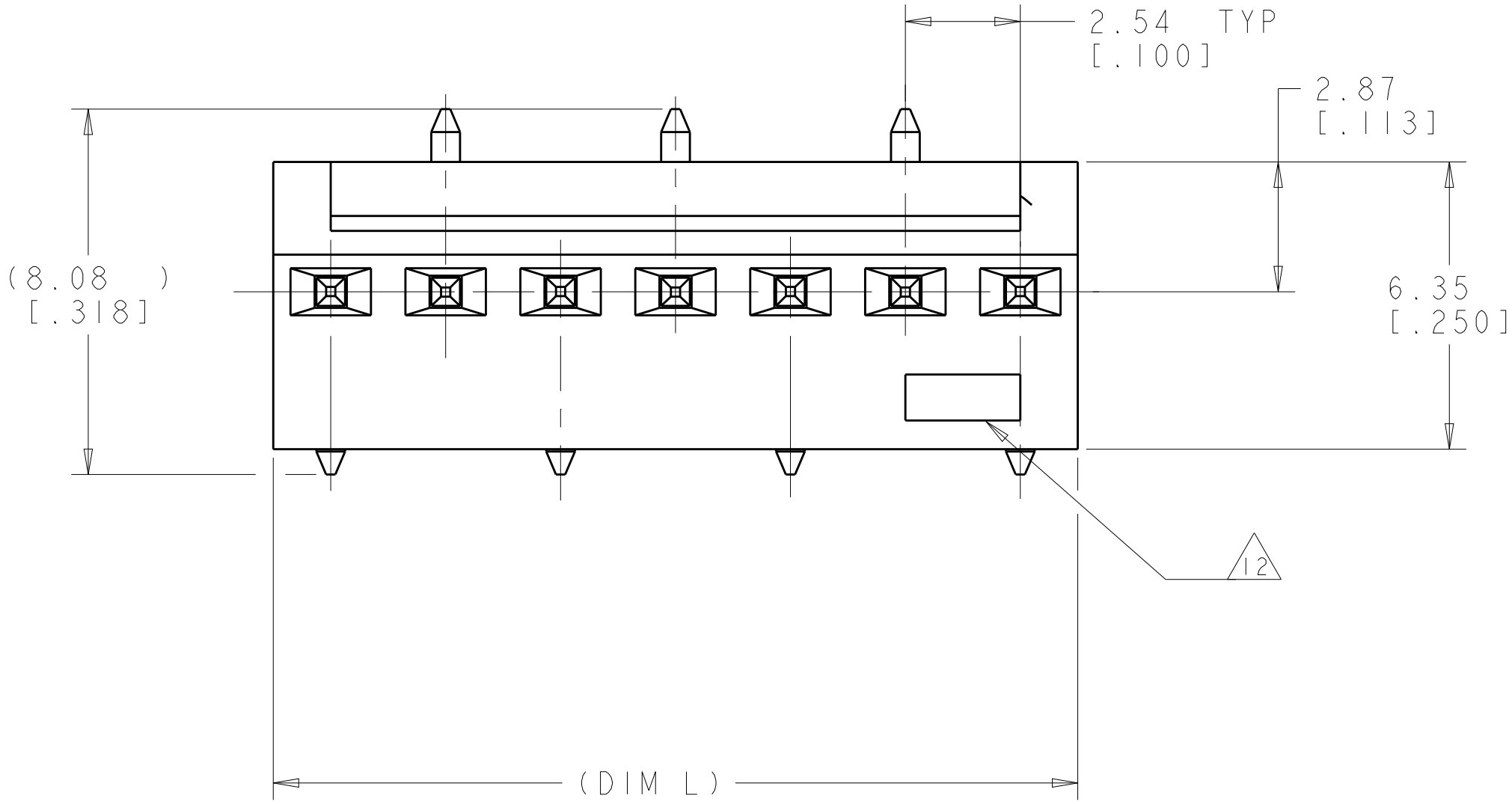
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K. WHITAKER	27SEP2001	TE Connectivity	
DIMENSIONS: mm[INCHES]		CHK D. BOSSI	27SEP2001		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. BOSSI	27SEP2001	NAME MTA-100 HDR ASSY, SURFACE MOUNT, FRICTION LOCK, .025 SQ STRAIGHT POST, TIN PLATED, CARRIER TAPE LOADED	
0 PLC ±" 1 PLC ±" 2 PLC ±0.25 (.010) 3 PLC ±0.13 (.005) 4 PLC ±" ANGLES ±0°30'		PRODUCT SPEC		SIZE CAGE CODE DRAWING NO	
MATERIAL		APPLICATION SPEC		RESTRICTED TO	
FINISH		WEIGHT		A100779C=647502	
CUSTOMER DRAWING		SCALE N/A		SHEET 1 OF 3	
				REV D2	



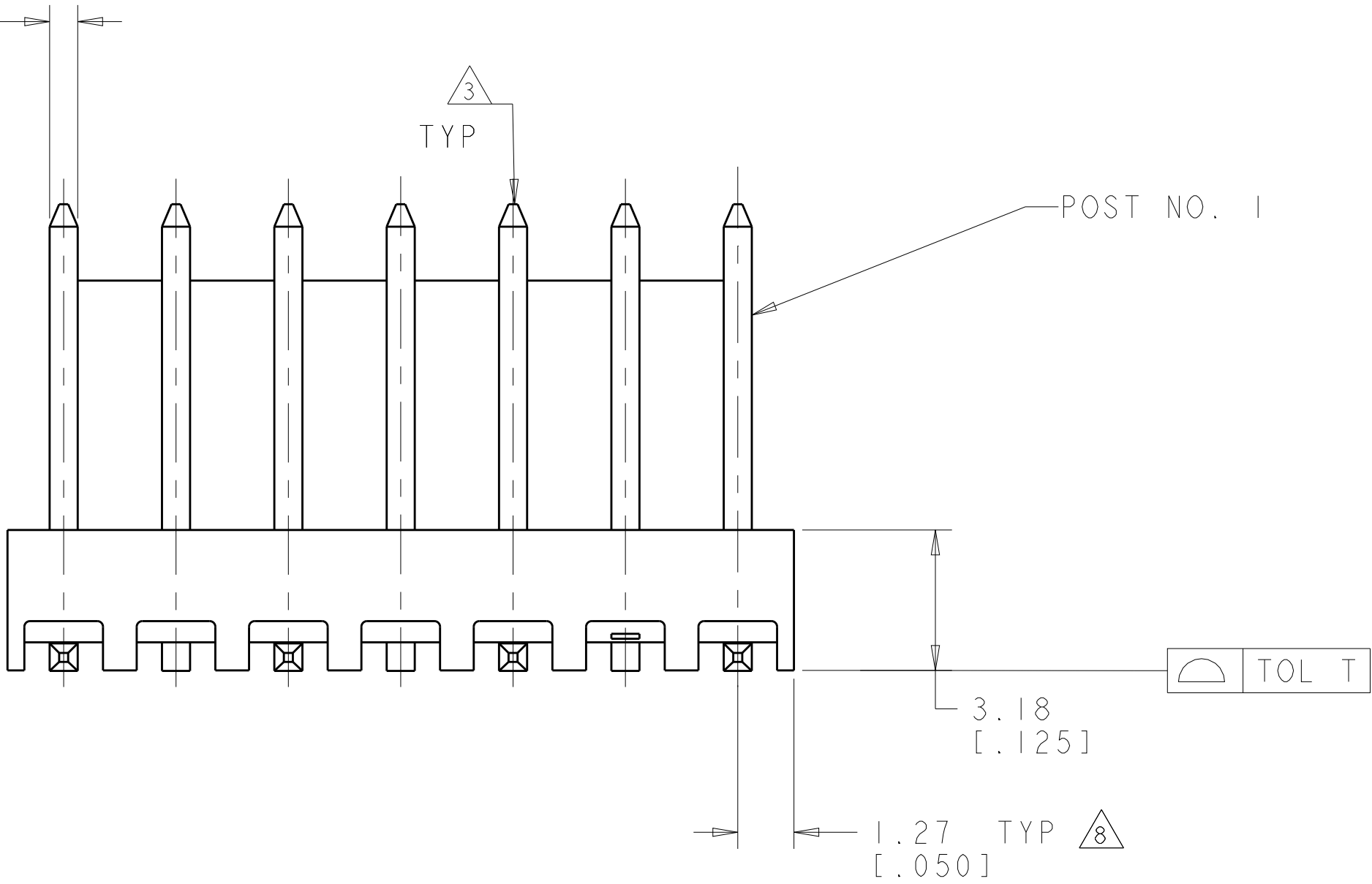
SEE SHEET 3 FOR
PART NUMBER TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN # 27SEP2001 CHK # <u>WHITAKER</u> 27SEP2001 APP'D <u>BOSSI</u> D. BOSSI 27SEP2001		 TE Connectivity	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.25 2 PLC ±0.25 [1.01] 3 PLC ±0.13 [0.005] 4 PLC ±. ANGLES ±90° 30'		NAME MTA-100 HDR ASSY, SURFACE MOUNT, FRICTION LOCK, .025 SQ STRAIGHT POST, TIN PLATED, CARRIER TAPE LOADED	
		PRODUCT SPEC - APPLICATION SPEC -		SIZE A1	
MATERIAL - 1		FINISH - 2		CAGE CODE 100779	
		WEIGHT -		DRAWING NO 647502	
		CUSTOMER DRAWING		SCALE N/A	
				SHEET 2 of 3	
				REV D 2	

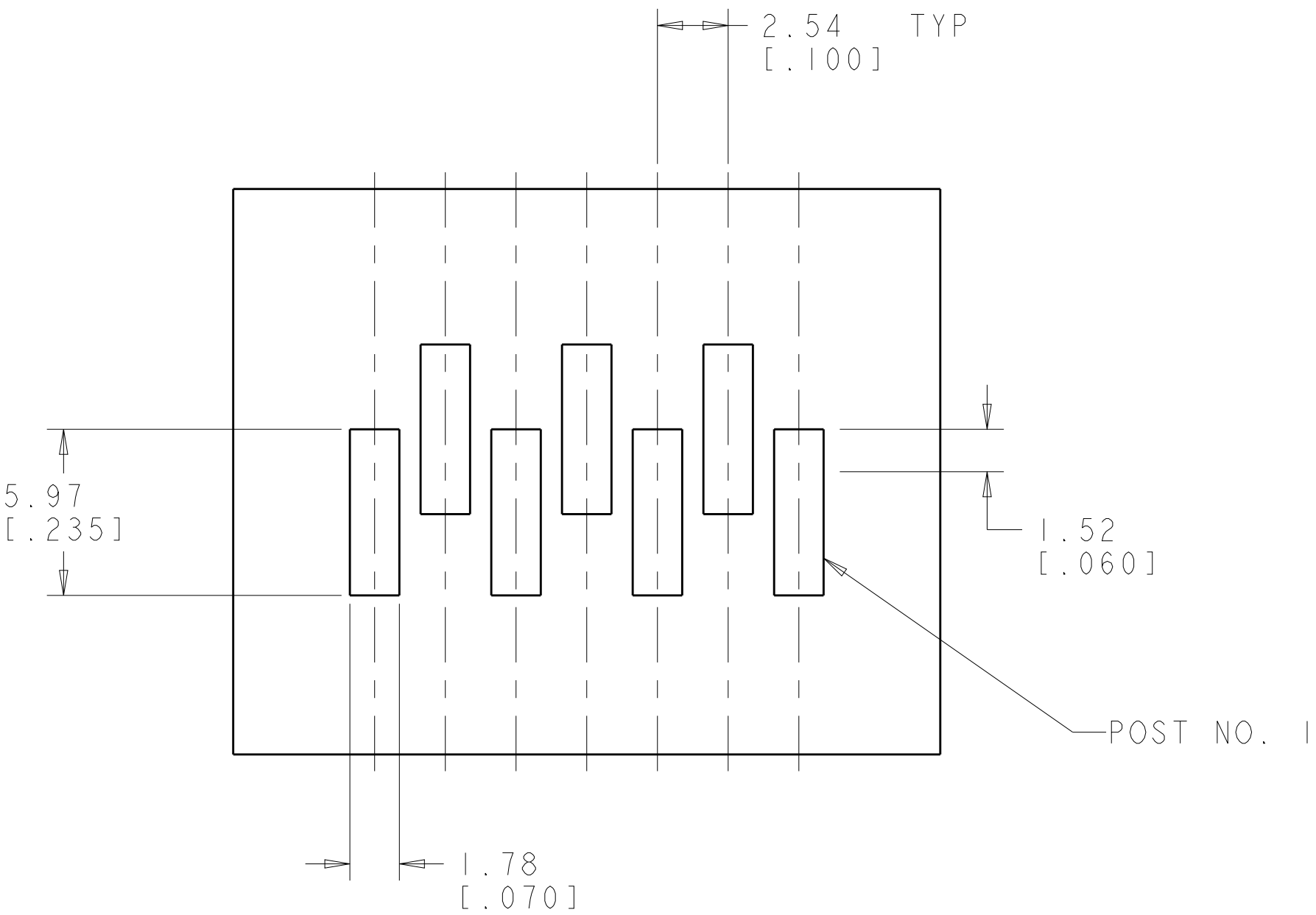
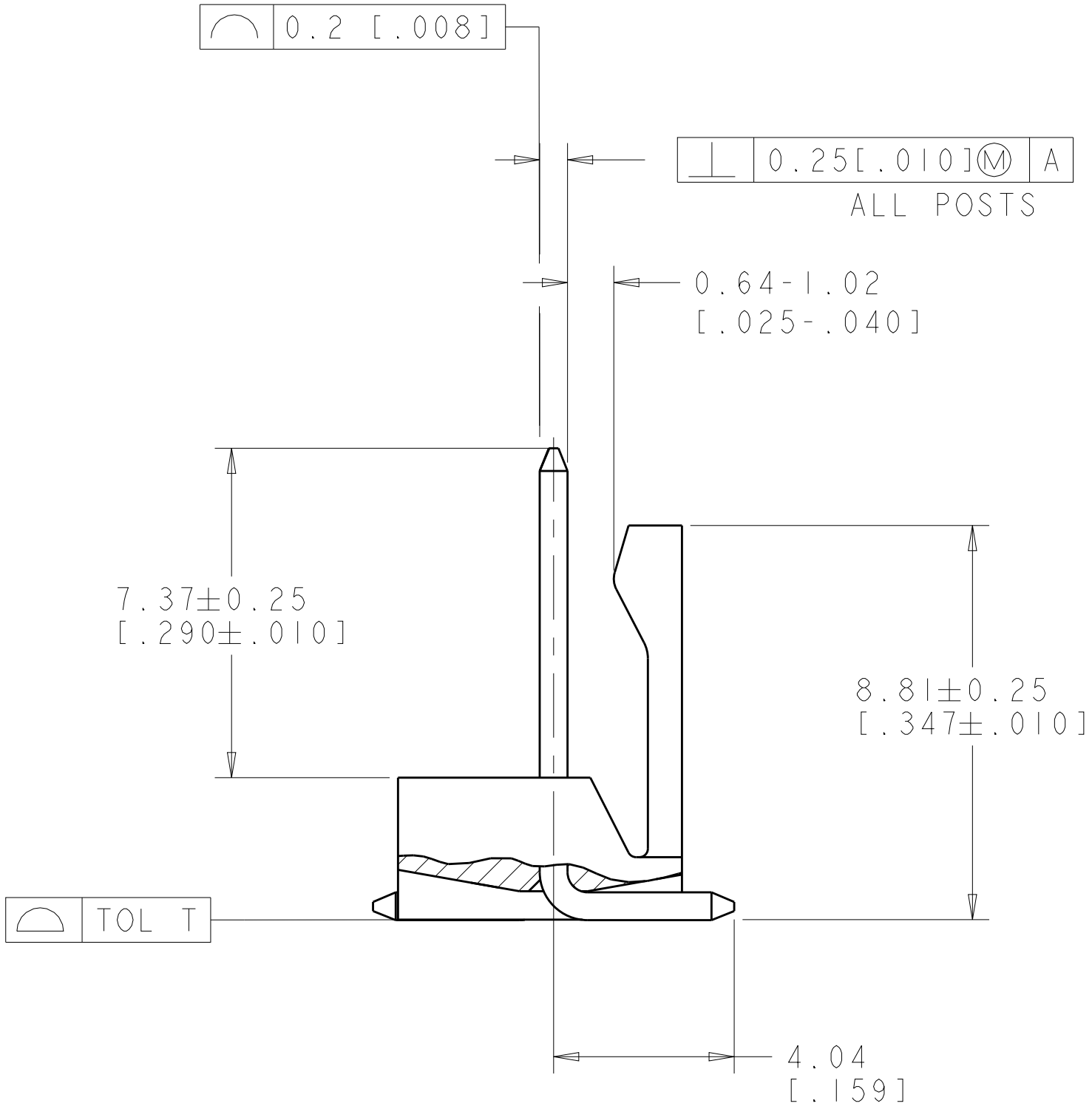
LOC	DIST	REVISIONS					
CM	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



0.64±0.02 SQUARE [0.025±0.001]	
	0.25 [0.010] M
	0.2 [0.008] M
	0.05 [0.002] M



HEADER ASSEMBLY
SCALE 8:1



RECOMMENDED P.C. BOARD LAYOUT
FOR USE WITH 0.25 [0.010] THICK STENCIL
SCALE 5:1

PRELIMINARY	0.2 [0.008]	34.25 [1.348]	72.00 [2.835]	45.72 [1.800]	18	4-647502-8
PRELIMINARY	0.2 [0.008]	34.25 [1.348]	72.00 [2.835]	43.18 [1.700]	17	4-647502-7
PRELIMINARY	0.2 [0.008]	34.25 [1.348]	72.00 [2.835]	40.64 [1.600]	16	4-647502-6
PRELIMINARY	0.2 [0.008]	34.25 [1.348]	72.00 [2.835]	38.10 [1.500]	15	4-647502-5
PRELIMINARY	0.2 [0.008]	26.20 [1.031]	56.00 [2.205]	35.56 [1.400]	14	4-647502-4
PRELIMINARY	0.2 [0.008]	26.20 [1.031]	56.00 [2.205]	33.02 [1.300]	13	4-647502-3
PRELIMINARY	0.15 [0.006]	26.20 [1.031]	56.00 [2.205]	30.48 [1.200]	12	4-647502-2
PRELIMINARY	0.15 [0.006]	26.20 [1.031]	56.00 [2.205]	27.94 [1.100]	11	4-647502-1
PRELIMINARY	0.15 [0.006]	20.20 [0.795]	44.00 [1.732]	25.40 [1.00]	10	4-647502-0
PRELIMINARY	0.15 [0.006]	20.20 [0.795]	44.00 [1.732]	22.86 [0.900]	9	3-647502-9
	0.15 [0.006]	20.20 [0.795]	44.00 [1.732]	20.32 [0.800]	8	3-647502-8
	0.15 [0.006]	20.20 [0.795]	44.00 [1.732]	17.78 [0.700]	7	3-647502-7
	0.15 [0.006]	14.20 [0.559]	32.00 [1.260]	15.24 [0.600]	6	3-647502-6
	0.15 [0.006]	14.20 [0.559]	32.00 [1.260]	12.70 [0.500]	5	3-647502-5
	0.15 [0.006]	14.20 [0.559]	32.00 [1.260]	10.16 [0.400]	4	3-647502-4
	0.15 [0.006]	14.20 [0.559]	32.00 [1.260]	7.62 [0.300]	3	3-647502-3
	0.15 [0.006]	11.50 [0.453]	24.00 [0.945]	5.08 [0.200]	2	3-647502-2
	TOL T	DIM B	DIM A	DIM L	NO. OF POSN	PART NUMBER

PRELIMINARY	0.2 [0.008]	34.25 [1.348]	72.00 [2.835]	45.72 [1.800]	18	1-647502-8
PRELIMINARY	0.2 [0.008]	34.25 [1.348]	72.00 [2.835]	43.18 [1.700]	17	1-647502-7
PRELIMINARY	0.2 [0.008]	34.25 [1.348]	72.00 [2.835]	40.64 [1.600]	16	1-647502-6
PRELIMINARY	0.2 [0.008]	34.25 [1.348]	72.00 [2.835]	38.10 [1.500]	15	1-647502-5
PRELIMINARY	0.2 [0.008]	26.20 [1.031]	56.00 [2.205]	35.56 [1.400]	14	1-647502-4
PRELIMINARY	0.2 [0.008]	26.20 [1.031]	56.00 [2.205]	33.02 [1.300]	13	1-647502-3
PRELIMINARY	0.15 [0.006]	26.20 [1.031]	56.00 [2.205]	30.48 [1.200]	12	1-647502-2
PRELIMINARY	0.15 [0.006]	26.20 [1.031]	56.00 [2.205]	27.94 [1.100]	11	1-647502-1
PRELIMINARY	0.15 [0.006]	20.20 [0.795]	44.00 [1.732]	25.40 [1.00]	10	1-647502-0
PRELIMINARY	0.15 [0.006]	20.20 [0.795]	44.00 [1.732]	22.86 [0.900]	9	647502-9
	0.15 [0.006]	20.20 [0.795]	44.00 [1.732]	20.32 [0.800]	8	647502-8
	0.15 [0.006]	20.20 [0.795]	44.00 [1.732]	17.78 [0.700]	7	647502-7
	0.15 [0.006]	14.20 [0.559]	32.00 [1.260]	15.24 [0.600]	6	647502-6
	0.15 [0.006]	14.20 [0.559]	32.00 [1.260]	12.70 [0.500]	5	647502-5
	0.15 [0.006]	14.20 [0.559]	32.00 [1.260]	10.16 [0.400]	4	647502-4
	0.15 [0.006]	14.20 [0.559]	32.00 [1.260]	7.62 [0.300]	3	647502-3
	0.15 [0.006]	11.50 [0.453]	24.00 [0.945]	5.08 [0.200]	2	647502-2
	TOL T	DIM B	DIM A	DIM L	NO. OF POSN	PART NUMBER

3 OBSOLETE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN CM D. BOSSI	27SEP2001	TE Connectivity	
DIMENSIONS: mm[INCHES]		APVD D. BOSSI	27SEP2001	NAME MTA-100 HDR ASSY, SURFACE MOUNT, FRICTION LOCK, .025 SQ STRAIGHT POST, TIN PLATED, CARRIER TAPE LOADED	
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
				APPLICATION SPEC	
MATERIAL		FINISH		WEIGHT	
				CUSTOMER DRAWING	
				SCALE N/A	
				SHEET 3 OF 3	
				REV D2	

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