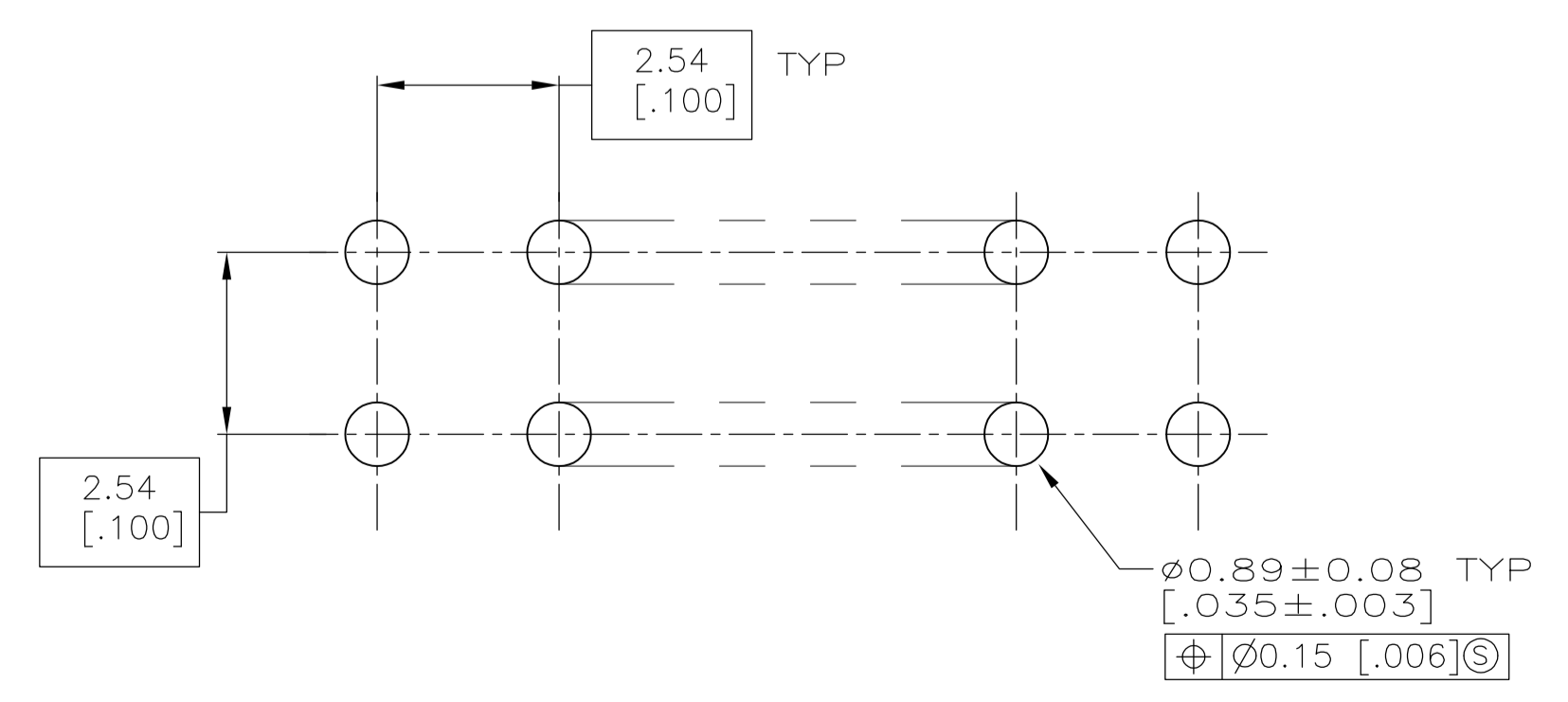
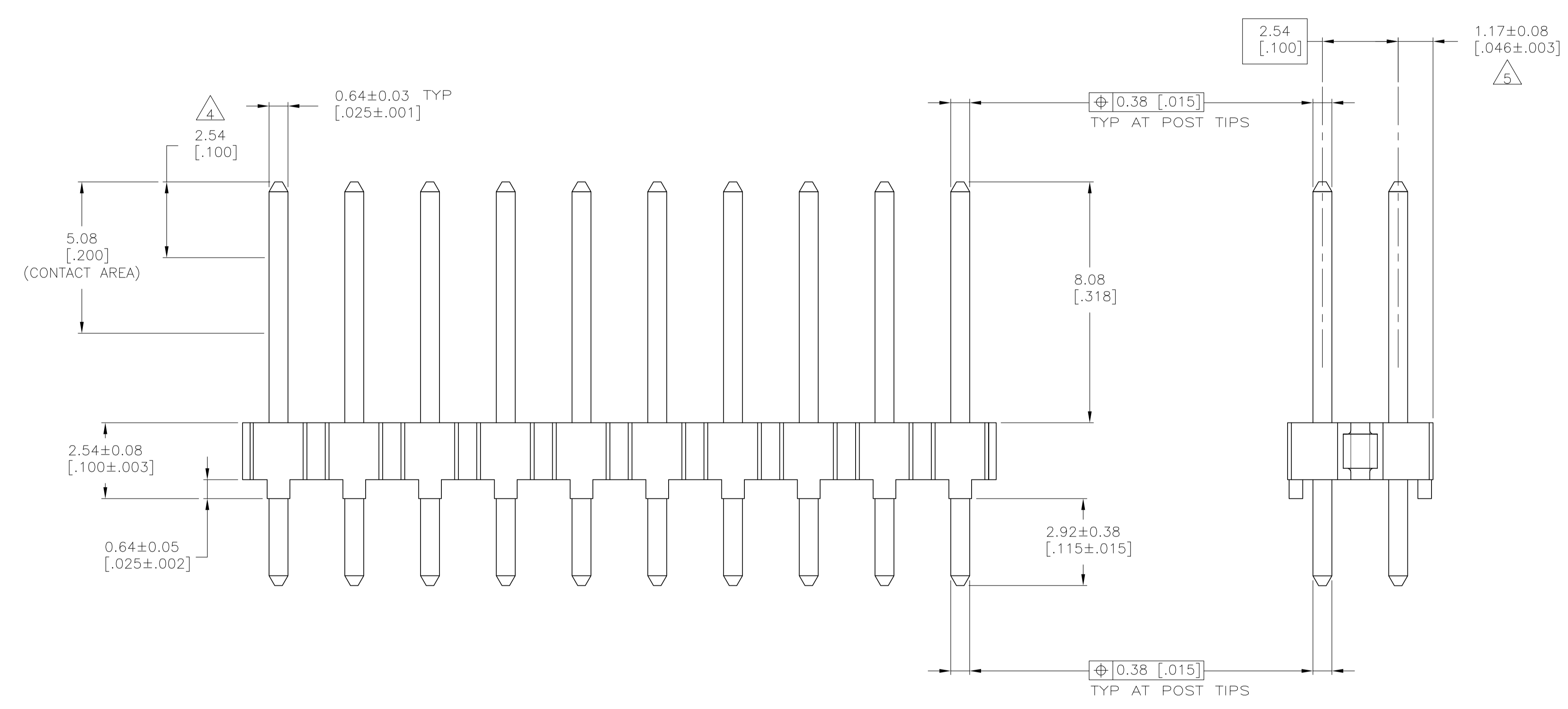
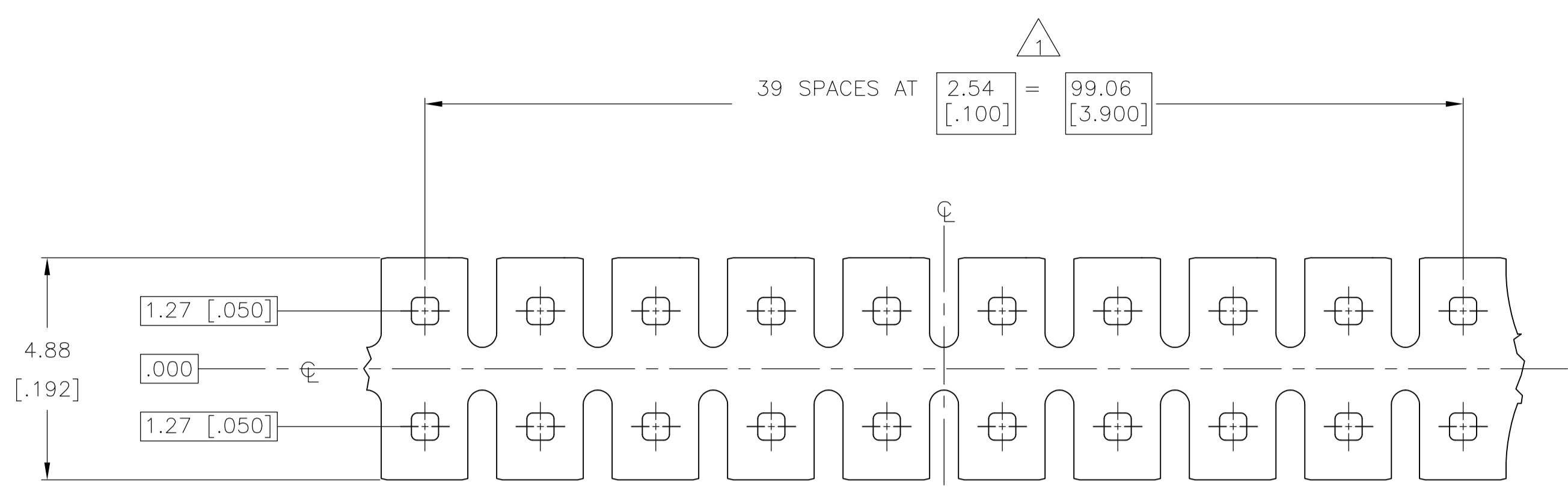


LOC		DIST		REVISIONS			
P	LTR	REVISED	PER	ECO	DATE	DMN	APVD
B				ECO-14-000264	07JUL2014	NK	MM



RECOMMENDED BOARD LAYOUT

- 1 DIMENSION APPLIES OVER 99.06mm [3.900 INCHES].
- 2 HOUSING: BLACK THERMOPLASTIC, 94V-0 RATED, HIGH TEMPERATURE COMPATIBLE. POST: COPPER ALLOY.
- 3 FINISH: 0.00076[.000030] GOLD IN MATING AREA, 0.00254[.000100]-0.00508[.000200] MATTE TIN-LEAD ON SOLDER TAIL, ALL OVER 0.00127[.000050] NICKEL.
- 4 POINT OF MEASUREMENT FOR PLATING THICKNESS.
- 5 THE NOTED DIMENSION APPLIES AT INTERSECTION OF POST AND HOUSING.
- 6 TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADERS ARE HELD FLAT AGAINST THE PCB.
- 7 PARTS ARE TO BE PACKAGED ON A REEL.
- 8 REELED ASSEMBLIES ARE TO BE BROKEN TO THE DESIRED POSITION SIZE AND USED AS A FUNCTIONAL SUBSTITUTE/ALTERNATIVE TO THE EXISTING AMP PART NUMBER SERIES 102977 AND 146253. THESE ASSEMBLIES ARE THE SAME IN FIT AND FUNCTION, BUT THE FORM WILL BE SLIGHTLY DIFFERENT (I.E. MOLDED HOUSING APPEARANCE AND BOW, DUE TO REELING REQUIREMENTS).
- 9 THIS PART NUMBER SPECIFIES ONE(1) LINE (I.E. PIN).
- 10 FINISH: 0.00076[.000030] GOLD IN MATING AREA, 0.00254[.000100]-0.00508[.000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127[.000050] NICKEL.

10	5-146871-1	9
3	146871-1	9
PLATING	PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.

STE TE Connectivity

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	0. PLC ± -	1. PLC ± -	2. PLC ± 0.13 [0.005]	3. PLC ± -	4. PLC ± -	ANGLES ± -
MATERIAL	FINISH SEE TABLE	WEIGHT	SIZE A1	CAGE CODE 00779	DRAWING NO. 146871	RESTRICTED TO	

CUSTOMER DRAWING SCALE 10:1 SHEET 1 OF 1 REV B