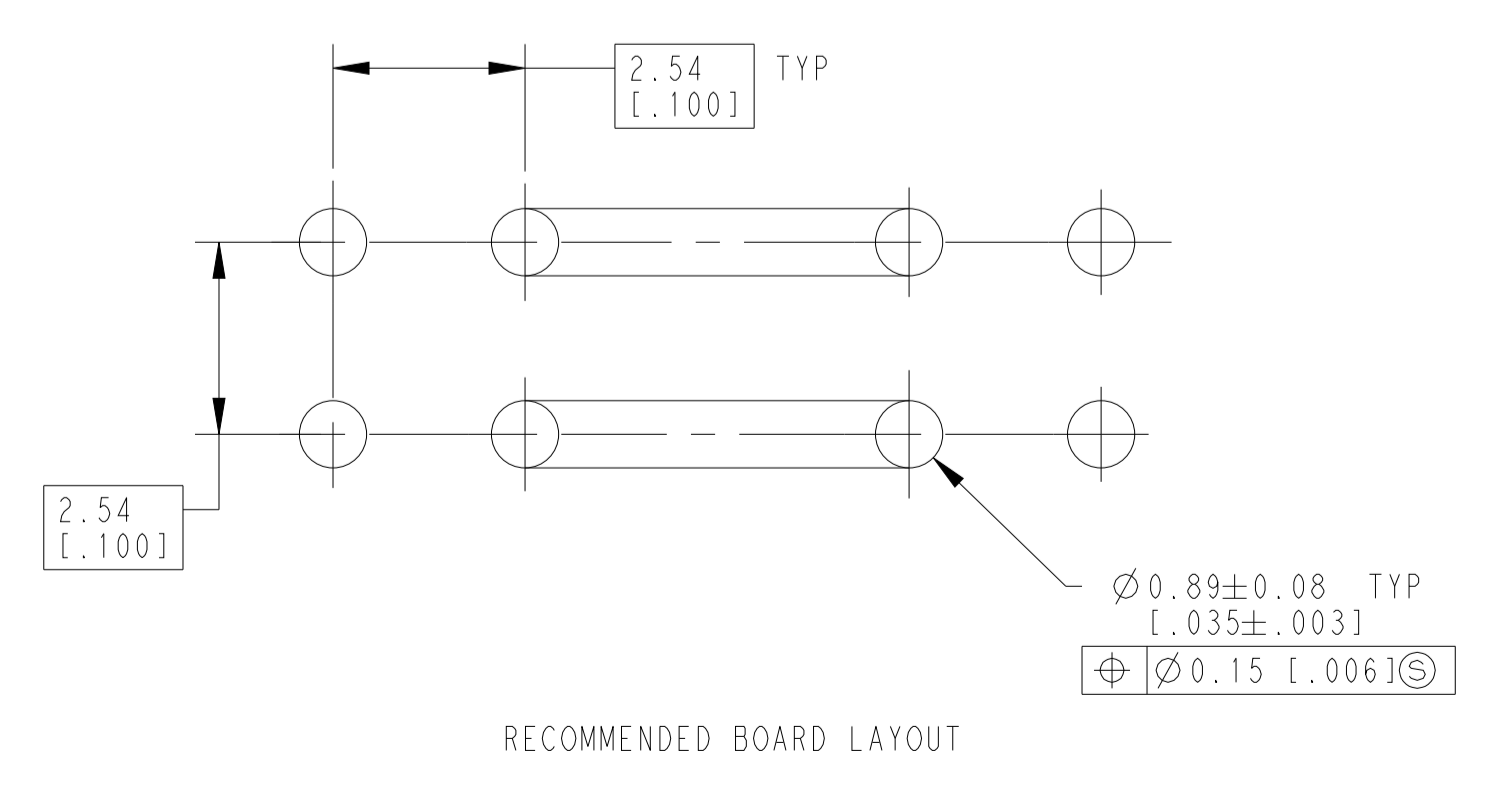
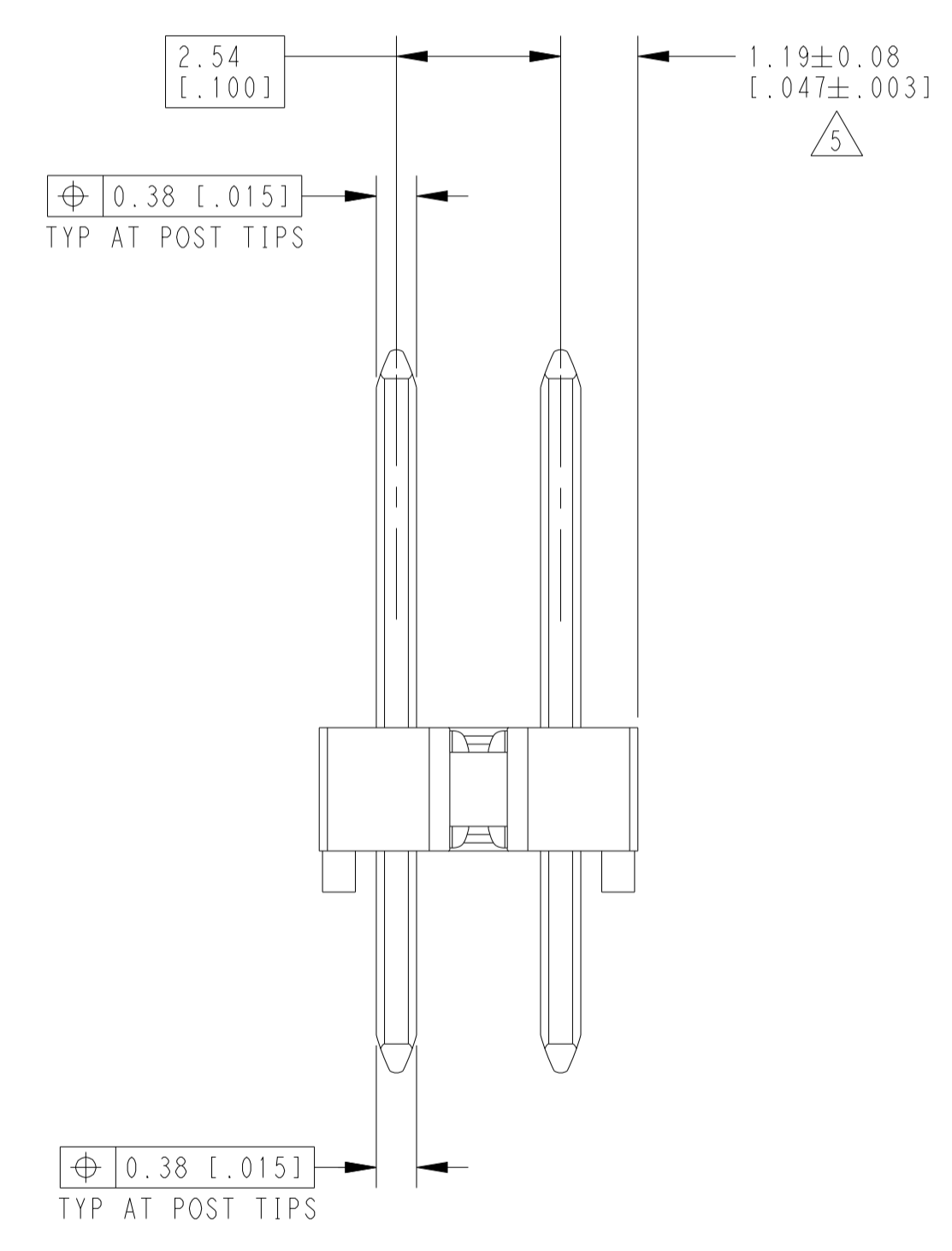
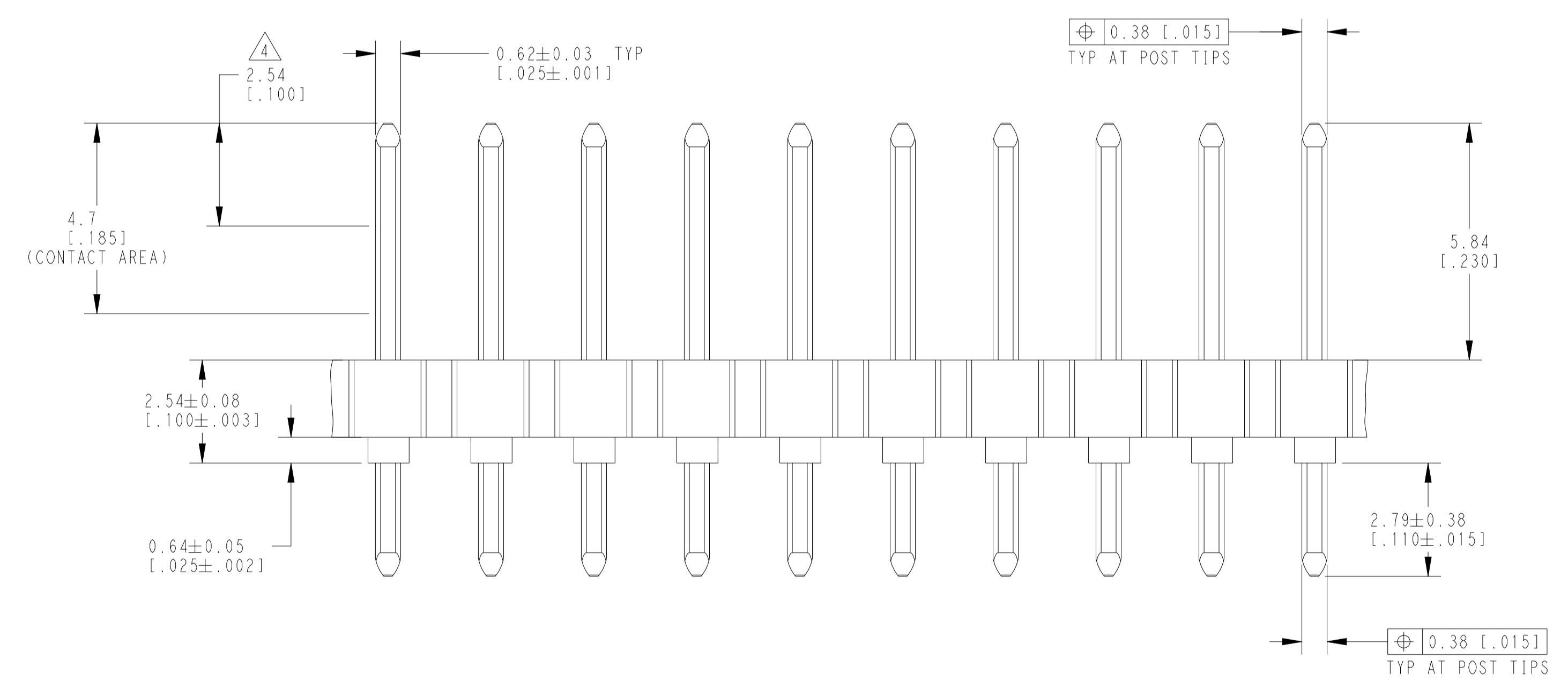
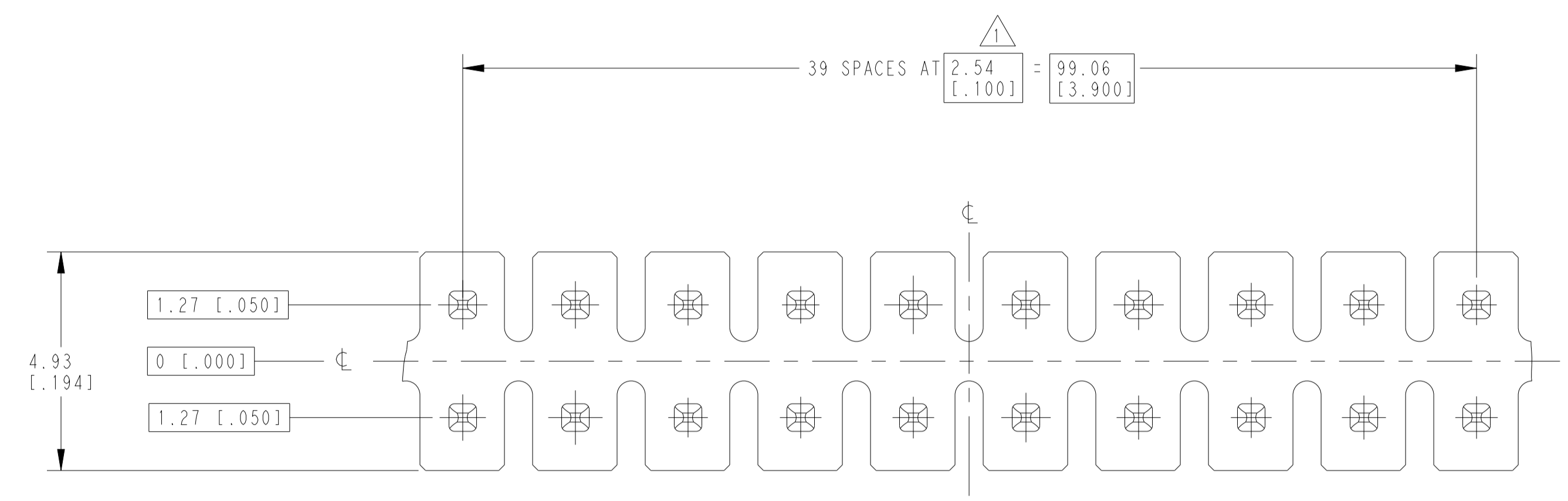


| REVISIONS |     |  |             |        |
|-----------|-----|--|-------------|--------|
| P         | LTN | DESCRIPTION  | DATE        | APVD   |
| B         |     | REVISED PER ECO-14-000264                          | 16 JUL 2014 | NK MM  |
| C         |     | PLATING PLATING OPTIMIZATION (Au TO PdNi+Au FLASH) | 20 AUG 2025 | RS GVP |

- 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 103240 AND 146257. 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: 0.00066[.000026] PdNi+0.00010[.000004] Au FLASH IN MATING AREA, 0.00254[.000100]-0.00508[.000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127[.000050] NICKEL.



|         |             |   |
|---------|-------------|---|
| 10      | 5-146869-1  | 9 |
| 3       | 146869-1    | 9 |
| PLATING | PART NUMBER |   |

THIS DRAWING IS A CONTROLLED DOCUMENT.

|                         |  |         |         |              |         |         |          |                  |
|-------------------------|--|---------|---------|--------------|---------|---------|----------|------------------|
| DIMENSIONS: mm [INCHES] | TOLERANCES UNLESS OTHERWISE SPECIFIED: | 0 PLC ± | 1 PLC ± | 2 PLC ±      | 3 PLC ± | 4 PLC ± | ANGLES ± | FINISH SEE TABLE |
|                         |  | ±       | ±       | ±0.131(.005) | ±       | ±       | ±        |                  |

|                             |                          |                           |   |
|-----------------------------|--------------------------|---------------------------|---|
| DWN: E. BRANDBERG 05-SEP-97 | CHK: C. SCHMID 05-SEP-97 | APVD: C. SCHMID 05-SEP-97 | NAME: HEADER ASSEMBLY, DOUBLE ROW, VERTICAL, REELED, CONTINUOUS |
| MATERIAL: PLATING           |                          |                           | SIZE: A   |
| CUSTOMER DRAWING            |                          |                           | SCALE: 10:1   |

TE Connectivity