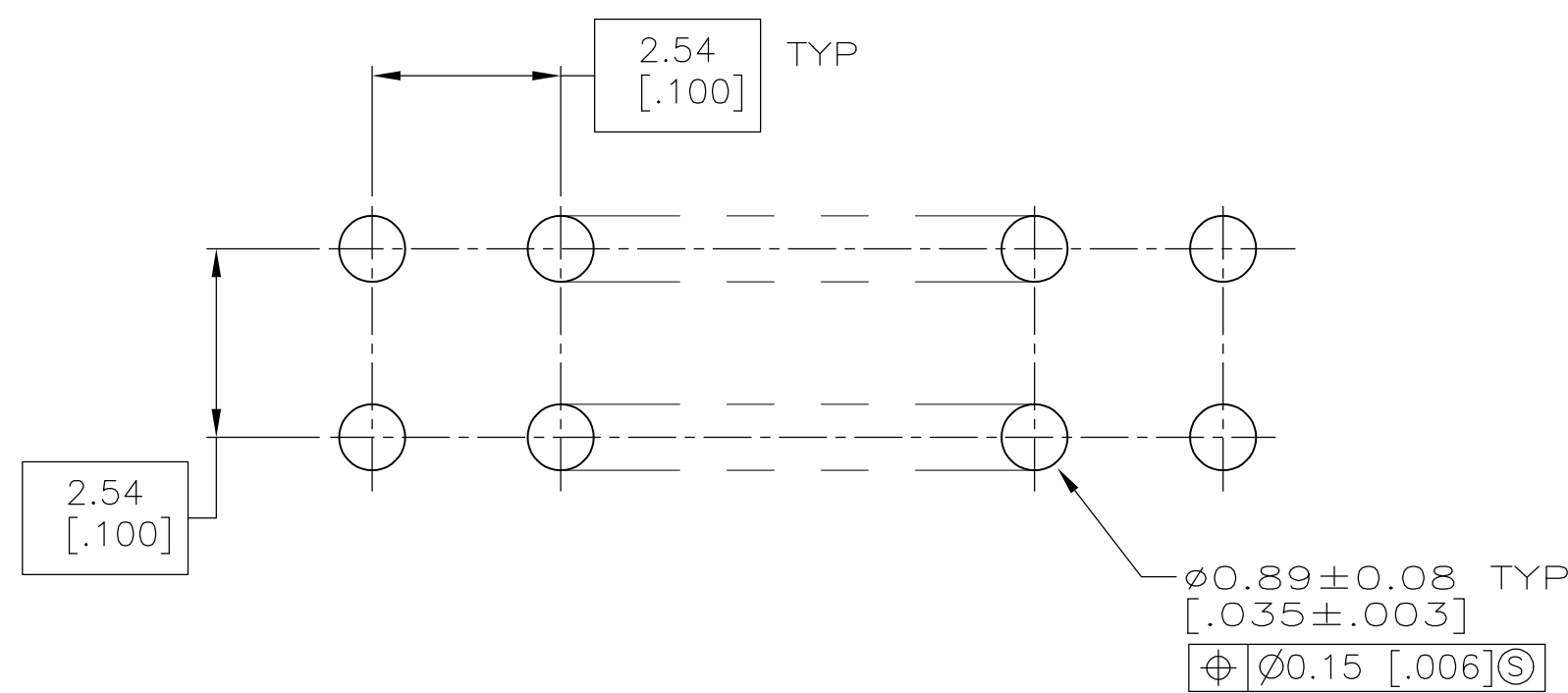




1 DIMENSION APPLIES OVER 99.06mm [3.900 INCHES].

2 HOUSING: BLACK THERMOPLASTIC, 94V-0 RATED, HIGH TEMPERATURE COMPATIBLE.  
POST: COPPER ALLOY.

3 FINISH: 0.00038[.000015] 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.

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 103186 AND 146256.  
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: 0.00038[.000015] GOLD IN MATING AREA, 0.00254[.000100]-0.00508[.000200]  
MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127[.000050] NICKEL.

|                                                                                       |                |                                                                                       |
|---------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------|
|  | 5-146859-1     |  |
|  | 146859-1       |  |
| PLATING                                                                               | PART<br>NUMBER |                                                                                       |

|                                                                                                                  |  |                                                                                                                                   |  |                                                                                                       |  |
|------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                           |  | DWG. E. BRANDBERG 05-SEP-97<br>CHK. C. SCHMID 05-SEP-97<br>APP'D. C. SCHMID 05-SEP-97                                             |  |  TE Connectivity |  |
| DIMENSIONS: mm [INCHES]<br> |  | TOLERANCES, UNLESS OTHERWISE SPECIFIED:<br>0 PLG ± —<br>1 PLG ± —<br>2 PLG ± 0.13 [0.005]<br>3 PLG ± —<br>4 PLG ± —<br>ANGLES ± — |  | NAME: HEADER ASSEMBLY, DOUBLE ROW, VERTICAL, REELED, CONTINUOUS<br>—                                  |  |
| MATERIAL:  SEE TABLE        |  | FINISH:                                                                                                                           |  | PRODUCT SPEC: —<br>APPLICATION SPEC: —                                                                |  |
| WEIGHT: —                                                                                                        |  | SIZE: A1<br>CAGE CODE: 00779<br>DRAWING NO: C-146859                                                                              |  | RESTRICTED TO:                                                                                        |  |
| CUSTOMER DRAWING                                                                                                 |  | SCALE: 10:1                                                                                                                       |  | SHEET: 1 of 1<br>REV: B                                                                               |  |

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