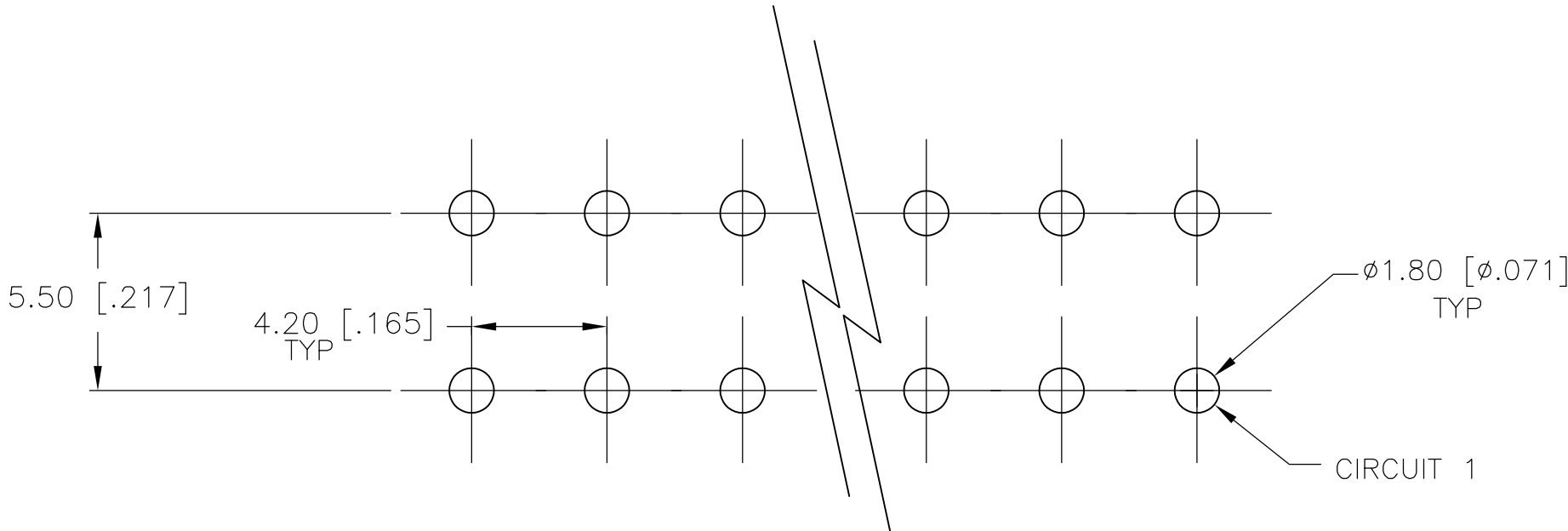
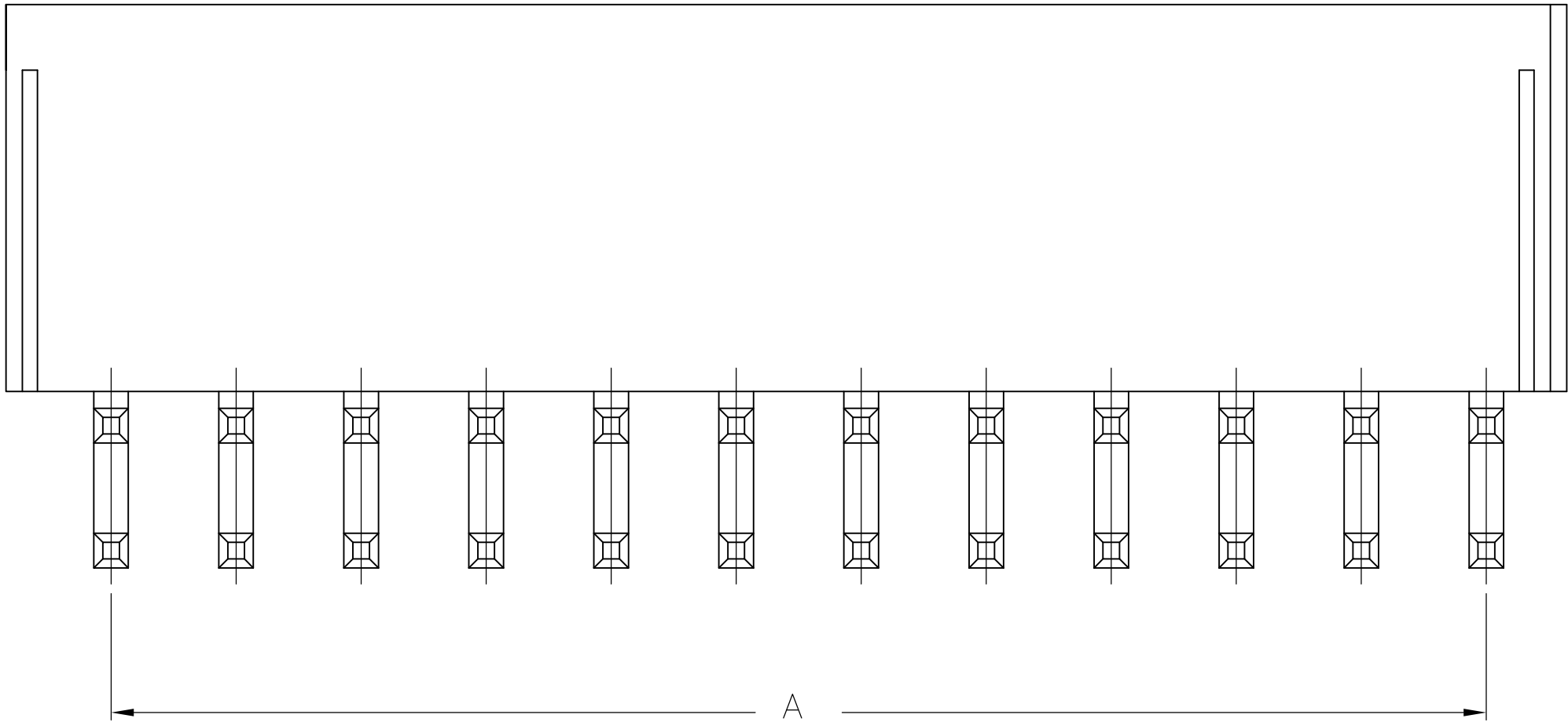
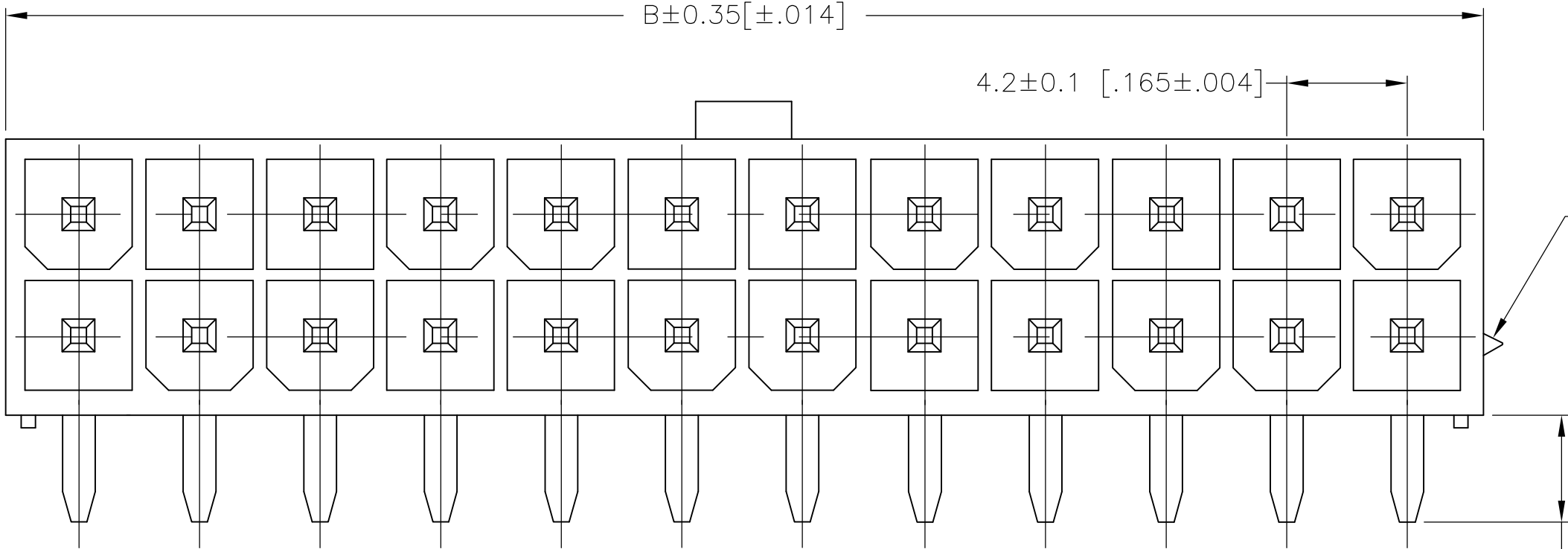
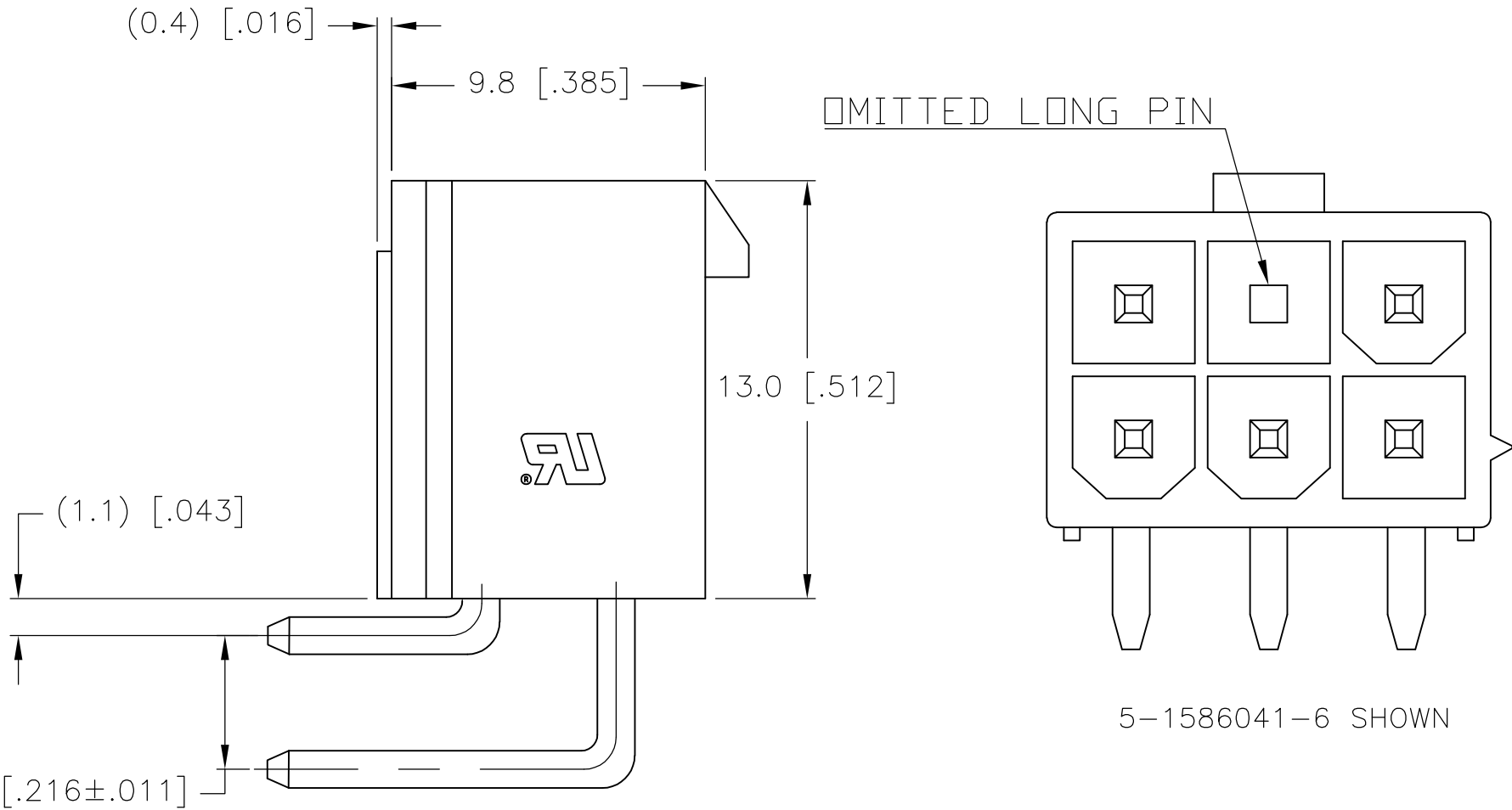


| LOC | DIST | REVISIONS |     |                           |           |     |      |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|
|     |      | P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
| CM  | 00   |           | B4  | REVISED PER ECR-17-012196 | 22AUG2017 | WH  | DZ   |



PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED BOARD THICKNESS 1.60 [.063]

- 1 MATERIAL: HOUSING-NYLON, UL94V-2  
(COLOR-NATURAL, COLOR OF PARTS MAY VARY)  
CONTACTS-1.14 [.045] SQUARE PIN, BRASS.
- 2 CONTACT FINISH: 0.002032 [.000080] MIN MATTE TIN  
OVER 0.000381 [.000015] MIN NICKEL OVER ENTIRE  
CONTACT.
- 3 MATES WITH VAL-U-LOK(TM) RECEPTACLE HOUSINGS.  
X-1586019-X(UL94-V0)  
X-1586765-X(UL94-V2,GLOW WIRE)
- 4 LONG CENTER PIN OMITTED.



2-1586041-4 SHOWN

|              |     |                      |              |             |
|--------------|-----|----------------------|--------------|-------------|
| <div>4</div> | 6   | 8.4±0.1 [.33±.004]   | 13.8 [.54]   | 5-1586041-6 |
|              | 2   |                      | 5.4 [.21]    | 1586041-2   |
|              | 4   | 4.2±0.1 [.17±.004]   | 9.6 [.38]    | 1586041-4   |
|              | 6   | 8.4±0.1 [.33±.004]   | 13.8 [.54]   | 1586041-6   |
|              | 8   | 12.6±0.1 [.50±.004]  | 18.0 [.71]   | 1586041-8   |
|              | 10  | 16.8±0.1 [.66±.004]  | 22.2 [.87]   | 1-1586041-0 |
|              | 12  | 21.0±0.2 [.83±.008]  | 26.4 [1.04]  | 1-1586041-2 |
|              | 14  | 25.2±0.2 [.99±.008]  | 30.6 [1.21]  | 1-1586041-4 |
|              | 16  | 29.4±0.2 [1.16±.008] | 34.8 [1.37]  | 1-1586041-6 |
|              | 18  | 33.6±0.2 [1.32±.008] | 39.0 [1.54]  | 1-1586041-8 |
|              | 20  | 37.8±0.2 [1.49±.008] | 43.2 [1.70]  | 2-1586041-0 |
|              | 22  | 42.0±0.2 [1.65±.008] | 47.4 [1.87]  | 2-1586041-2 |
|              | 24  | 46.2±0.2 [1.82±.008] | 51.6 [2.03]  | 2-1586041-4 |
| REMARKS      | POS | A                    | B±0.35[±.01] | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm [INCHES]

MATERIAL

1

TOLERANCES UNLESS OTHERWISE SPECIFIED:

|        |                |
|--------|----------------|
| 0 PLC  | ±              |
| 1 PLC  | ±              |
| 2 PLC  | ± 0.5 [.02]    |
| 3 PLC  | ± 0.25 [.010]  |
| 4 PLC  | ± 0.150 [0059] |
| ANGLES | ±              |
| FINISH | 2              |

DWN S. HOOVER 18-SEP-2002

CHK D. COLEY 18-SEP-2002

APVD D. COLEY 18-SEP-2002

PRODUCT SPEC

APPLICATION SPEC

WEIGHT 0

CUSTOMER DRAWING

TE Connectivity

NAME

RIGHT ANGLE HEADER,  
WITHOUT PEGS  
VAL-U-LOK(TM)

SIZE A2

CAGE CODE 00779

DRAWING NO C=1586041

RESTRICTED TO -

SCALE N/A

SHEET 1 OF 1

REV B4