

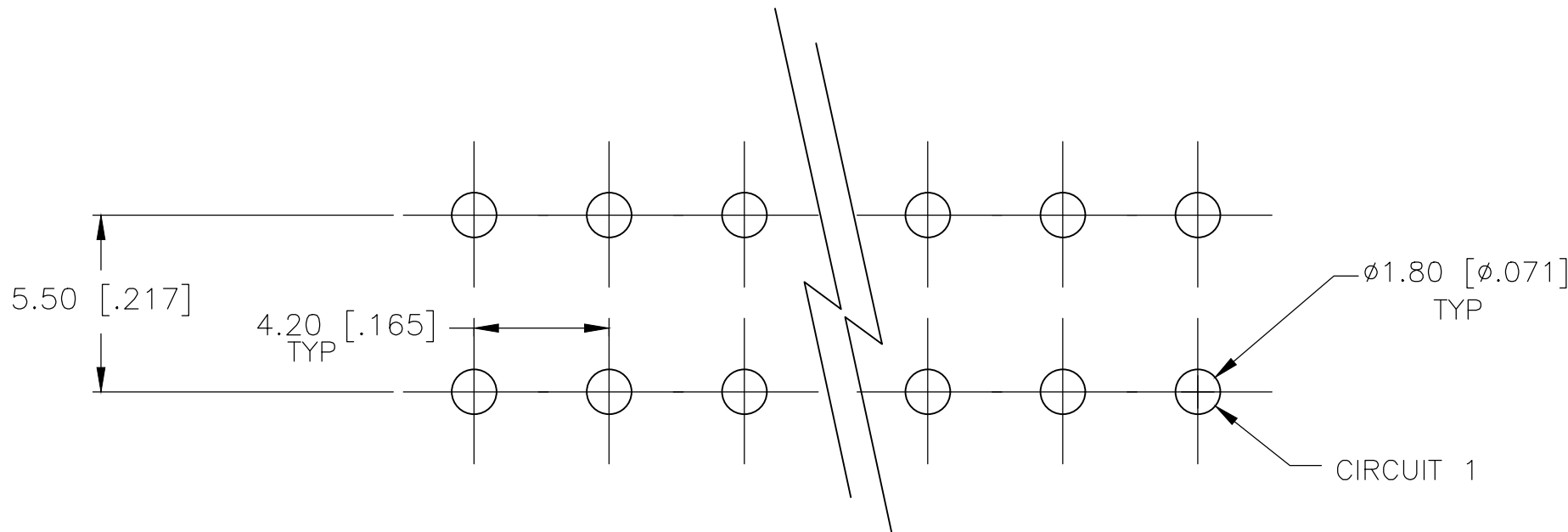
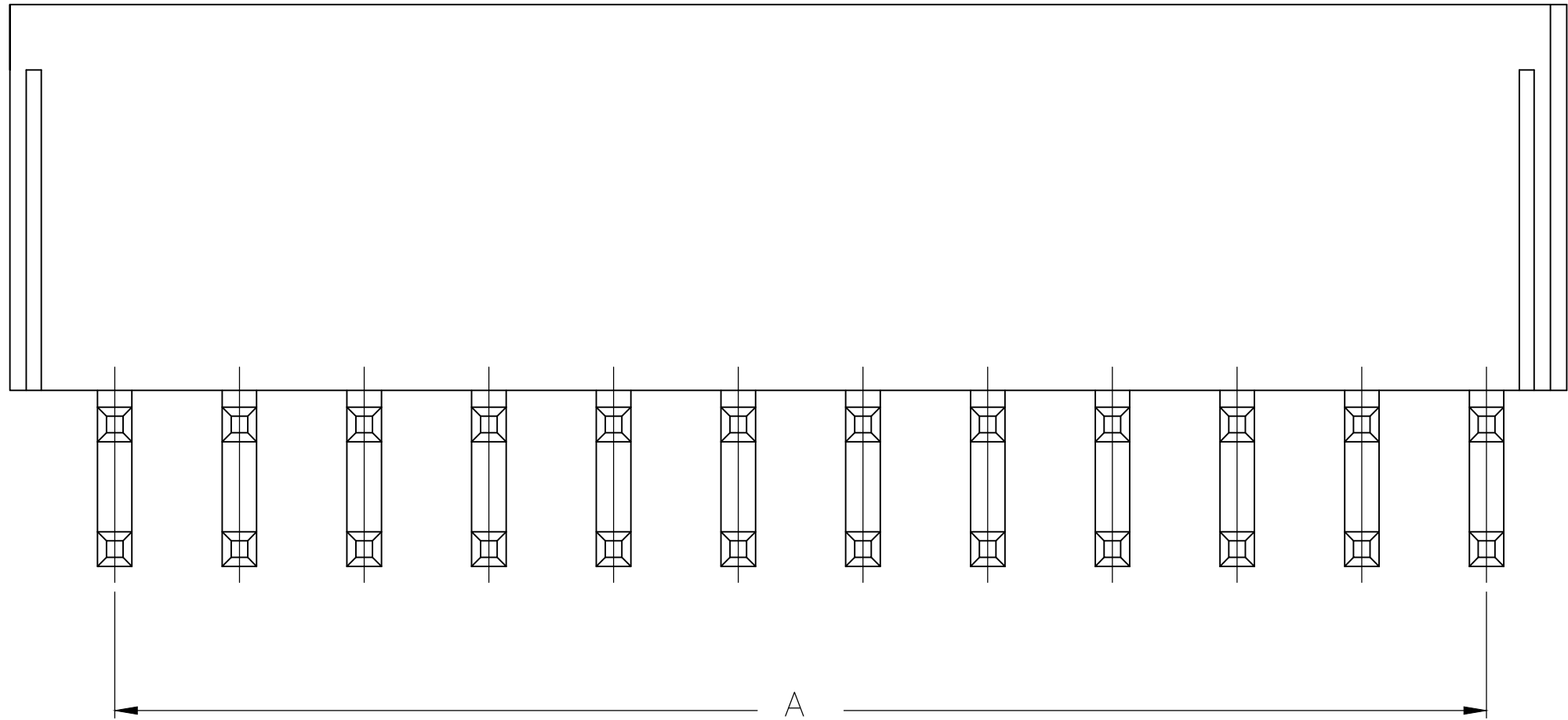
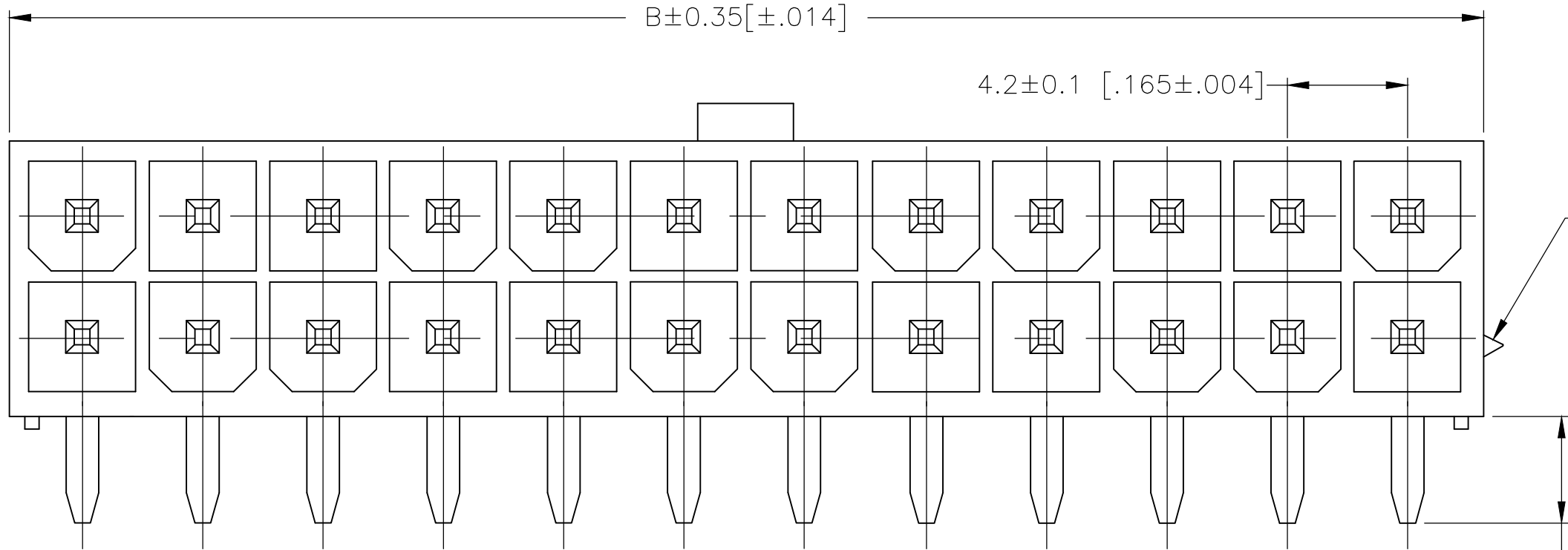
| P | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|---|-----|---------------------------|-----------|-----|------|
|   |     |                           |           |     |      |
|   | B5  | REVISED PER ECR-17-014820 | 25MAY2018 | WH  | DZ   |

D

C

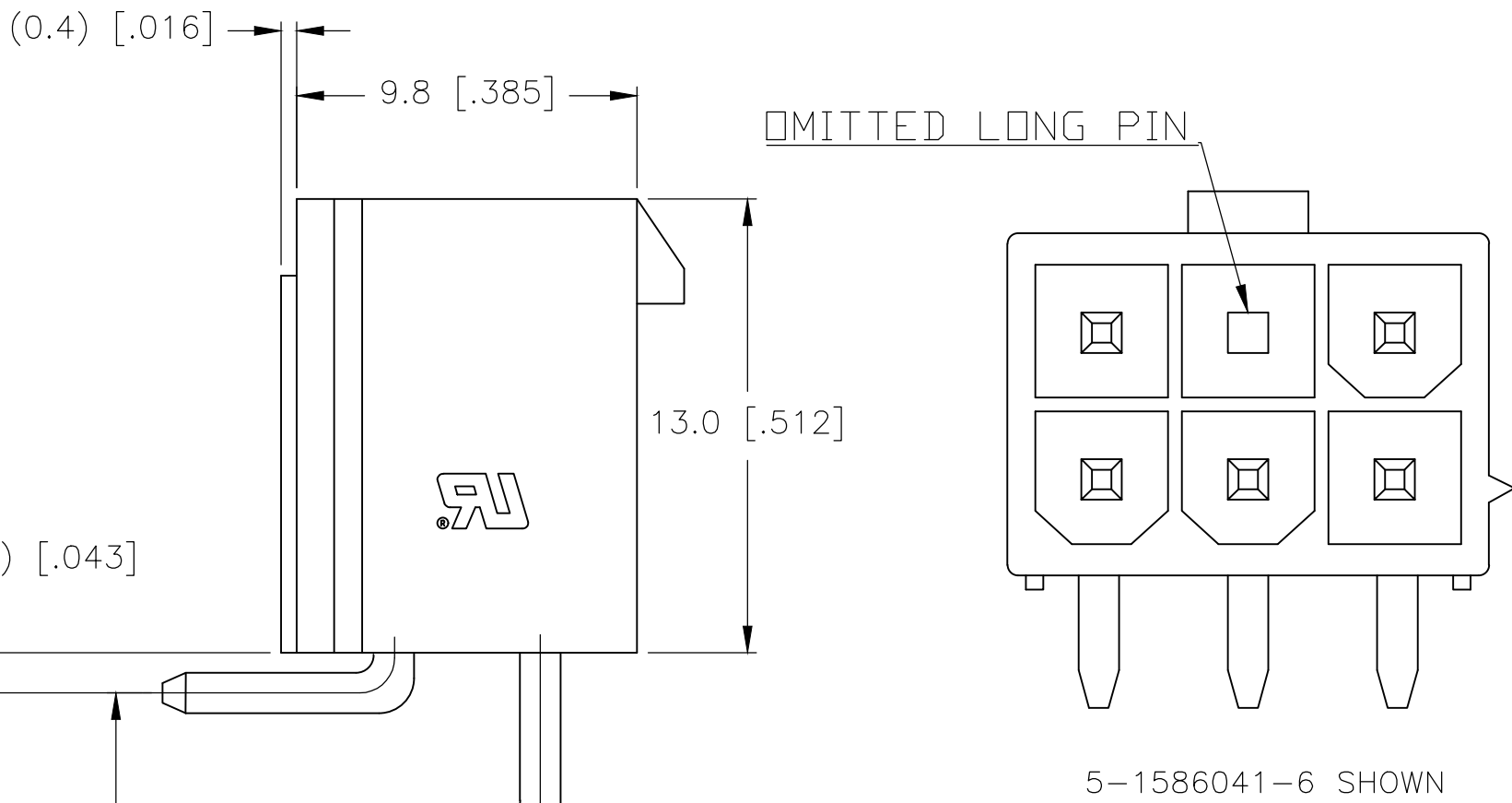
B

A



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 BRIGHT 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

| 4       |    | 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]

0 PLC ±

1 PLC ±

2 PLC ± 0.5 [.02]

3 PLC ± 0.25 [.010]

4 PLC ± 0.150 [0059]

ANGLES ±

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

FINISH

1

2

DWN S. HOOVER 18-SEP-2002

CHK D. COLEY 18-SEP-2002

APVD D. COLEY 18-SEP-2002

PRODUCT SPEC

108-2112

APPLICATION SPEC

114-13172

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 B5

1471-9 (3/11)