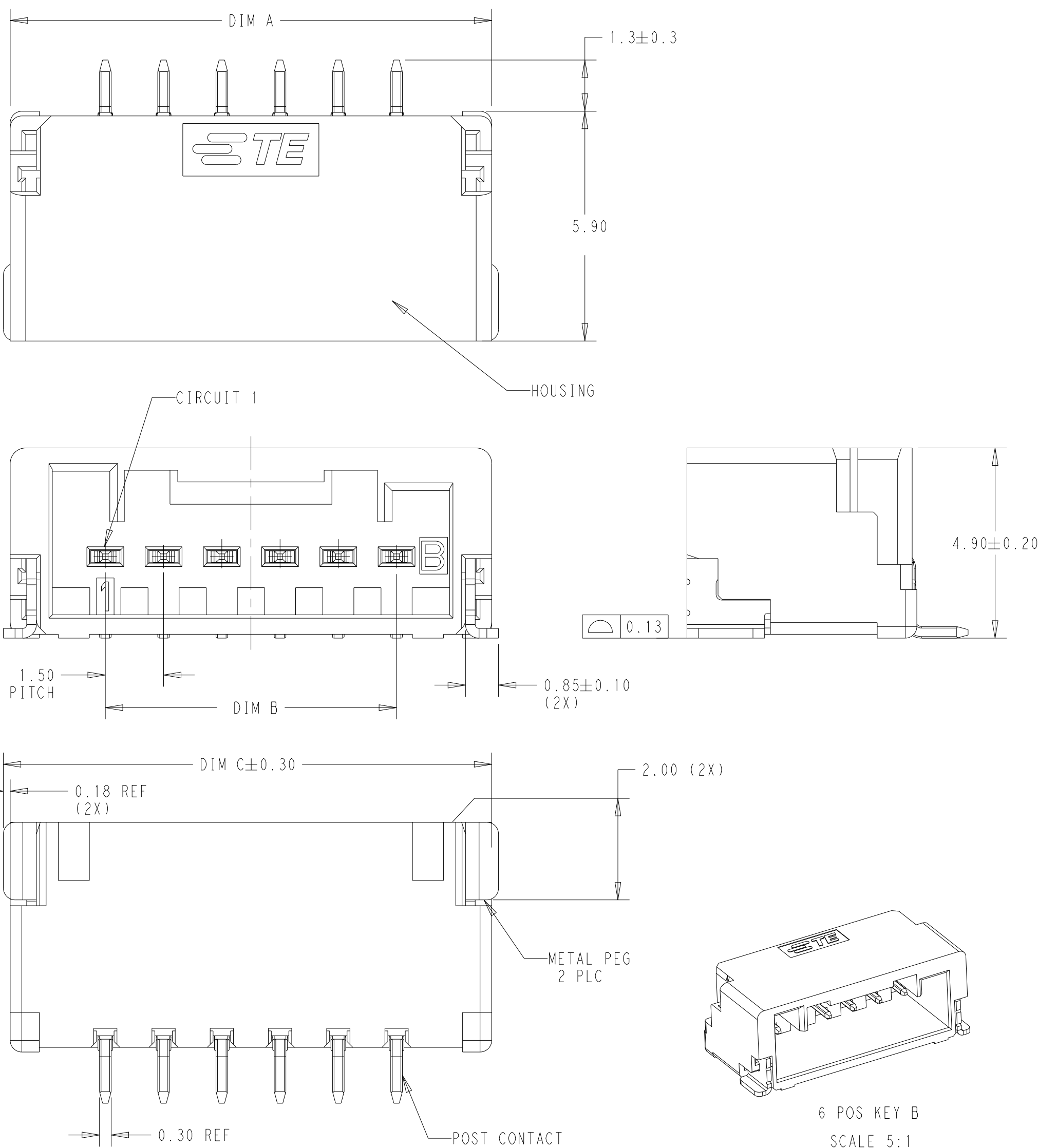
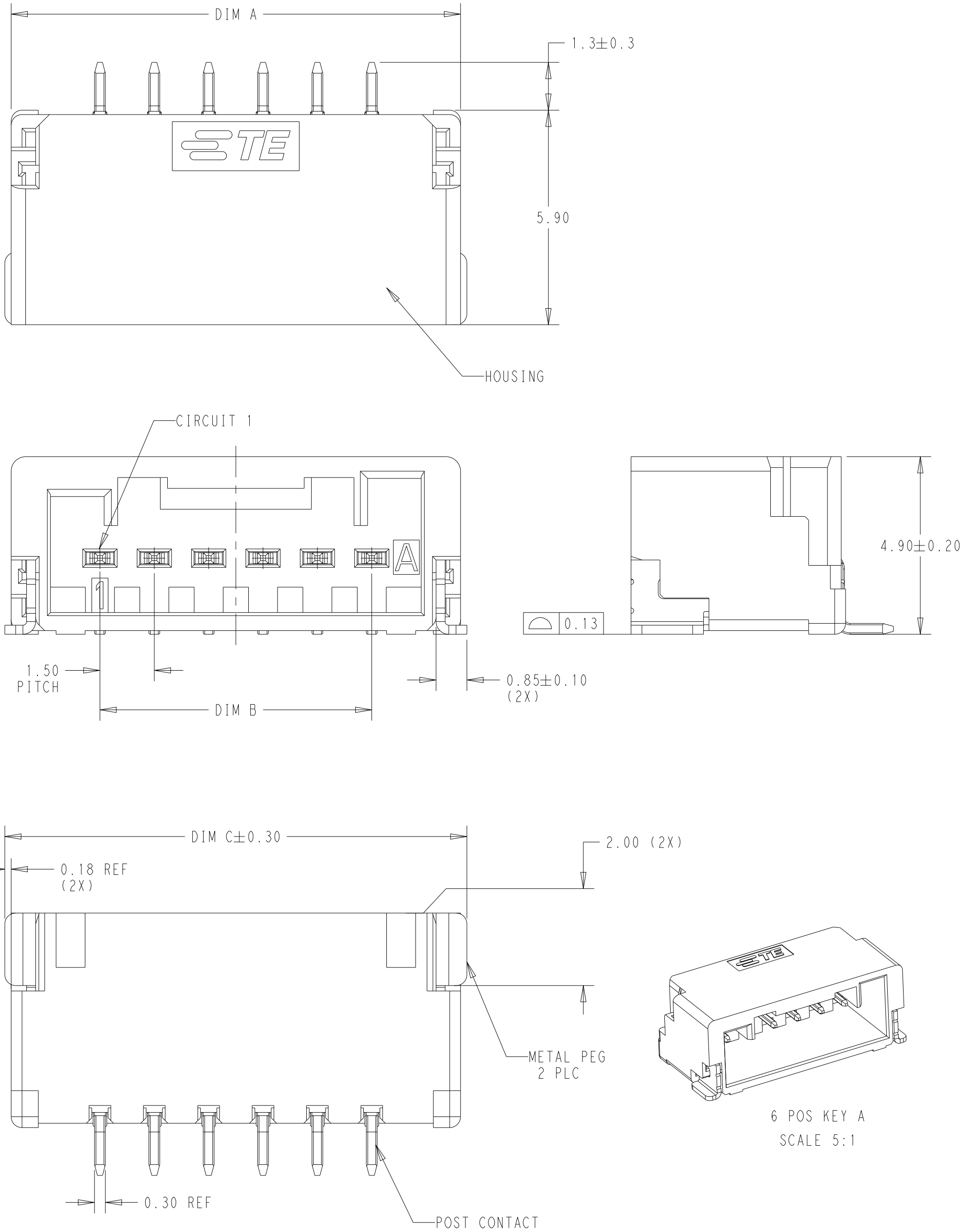


| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|           | B   | REVISED PER ECR-22-149130 | 28SEP2022 | N.H | L.C  |
|           | C   | REVISED PER ECR-23-162418 | 27APR2023 | N.H | L.C  |
|           | D   | REVISED PER ECR-24-207264 | 09DEC2024 | N.H | L.C  |
|           | D1  | REVISED PER ECR-25-252798 | 21AUG2025 | N.H | J.H  |

KEYING A SHOWN FOR 6 POSITION

KEYING B SHOWN FOR 6 POSITION



|                                        |  |  |                  |           |  |                                                                                                       |  |       |
|----------------------------------------|--|--|------------------|-----------|--|-------------------------------------------------------------------------------------------------------|--|-------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  |  | DWN              | 12SEP2019 |  |  TE Connectivity |  |       |
|                                        |  |  | CHK              | 12SEP2019 |  |                                                                                                       |  |       |
|                                        |  |  | APVD             | 12SEP2019 |  | NAME<br>HEADER ASSY, RA, SGI 1.50<br>SMT TYPE                                                         |  |       |
|                                        |  |  | PRODUCT SPEC     |           |  |                                                                                                       |  |       |
|                                        |  |  | APPLICATION SPEC |           |  | SIZE<br>A2                                                                                            |  |       |
|                                        |  |  | WEIGHT           |           |  |                                                                                                       |  |       |
|                                        |  |  | CUSTOMER DRAWING |           |  | SCALE                                                                                                 |  | SHEET |
|                                        |  |  |                  |           |  | 10:1                                                                                                  |  |       |
|                                        |  |  |                  |           |  | 1 OF 5                                                                                                |  | REV   |
|                                        |  |  |                  |           |  |                                                                                                       |  | D1    |

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
| - |     | SEE SHEET 1 | -    | -   | -    |
|   |     |             |      |     |      |
|   |     |             |      |     |      |
|   |     |             |      |     |      |

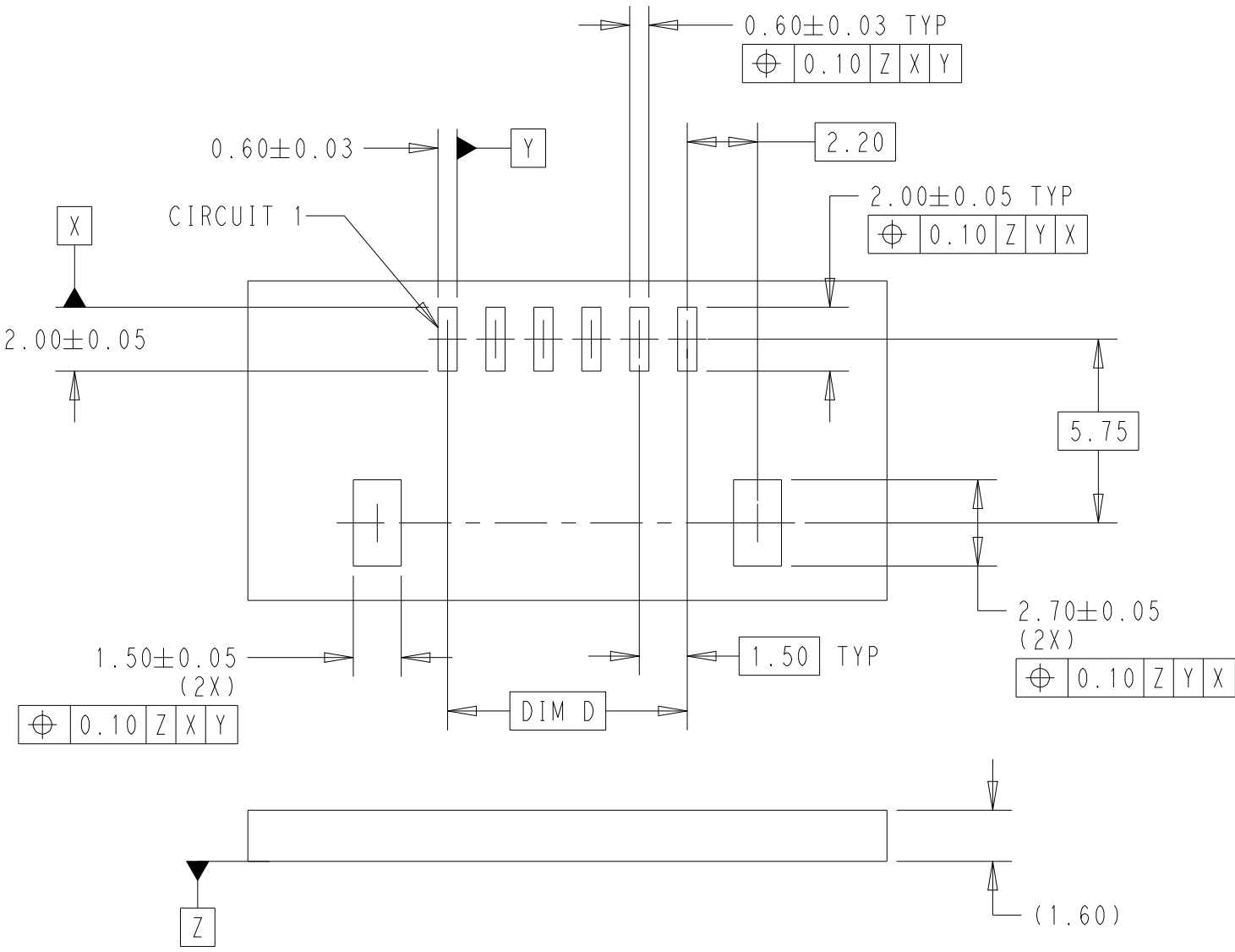
|                                      |       |       |       |       |     |             |         |             |
|--------------------------------------|-------|-------|-------|-------|-----|-------------|---------|-------------|
| 2382946-2                            | 1.5   | 6.75  | 1.5   | 6.4   | 2   | A           | NATURAL | 2360545-2   |
| 2382946-3                            | 3.0   | 8.25  | 3.0   | 7.9   | 3   |             |         | 2360545-3   |
| 2382946-4                            | 4.5   | 9.75  | 4.5   | 9.4   | 4   |             |         | 2360545-4   |
| 2382946-5                            | 6.0   | 11.25 | 6.0   | 10.9  | 5   |             |         | 2360545-5   |
| 2382946-6                            | 7.5   | 12.75 | 7.5   | 12.4  | 6   |             |         | 2360545-6   |
| 2382946-7                            | 9.0   | 14.25 | 9.0   | 13.9  | 7   |             |         | 2360545-7   |
| 2382946-8                            | 10.5  | 15.75 | 10.5  | 15.4  | 8   |             |         | 2360545-8   |
| 2382946-9                            | 12.0  | 17.25 | 12.0  | 16.9  | 9   |             |         | 2360545-9   |
| 1-2382946-0                          | 13.5  | 18.75 | 13.5  | 18.4  | 10  |             |         | 1-2360545-0 |
| 1-2382946-1                          | 15.0  | 20.25 | 15.0  | 19.9  | 11  |             |         | 1-2360545-1 |
| 1-2382946-2                          | 16.5  | 21.75 | 16.5  | 21.4  | 12  |             |         | 1-2360545-2 |
| 2-2382946-2                          | 1.5   | 6.75  | 1.5   | 6.4   | 2   |             |         | B           |
| 2-2382946-3                          | 3.0   | 8.25  | 3.0   | 7.9   | 3   | 2-2360545-3 |         |             |
| 2-2382946-4                          | 4.5   | 9.75  | 4.5   | 9.4   | 4   | 2-2360545-4 |         |             |
| 2-2382946-5                          | 6.0   | 11.25 | 6.0   | 10.9  | 5   | 2-2360545-5 |         |             |
| 2-2382946-6                          | 7.5   | 12.75 | 7.5   | 12.4  | 6   | 2-2360545-6 |         |             |
| 2-2382946-7                          | 9.0   | 14.25 | 9.0   | 13.9  | 7   | 2-2360545-7 |         |             |
| 2-2382946-8                          | 10.5  | 15.75 | 10.5  | 15.4  | 8   | 2-2360545-8 |         |             |
| 2-2382946-9                          | 12.0  | 17.25 | 12.0  | 16.9  | 9   | 2-2360545-9 |         |             |
| 3-2382946-0                          | 13.5  | 18.75 | 13.5  | 18.4  | 10  | 3-2360545-0 |         |             |
| 3-2382946-1                          | 15.0  | 20.25 | 15.0  | 19.9  | 11  | 3-2360545-1 |         |             |
| 3-2382946-2                          | 16.5  | 21.75 | 16.5  | 21.4  | 12  | 3-2360545-2 |         |             |
| MATING PLUG HOUSING<br>CRIMP VERSION | DIM D | DIM C | DIM B | DIM A | POS | KEYING      | COLOR   |             |

- |   |                                                                                                                                  |
|---|----------------------------------------------------------------------------------------------------------------------------------|
| 1 | MATERIAL<br>HOUSING: HIGH TEMP NYLON (PA4T), UL94 V-0<br>POST CONTACT: BRASS, THICKNESS 0.30<br>METAL PEG: STEEL, THICKNESS 0.25 |
| 2 | PLATING<br>POST CONTACT: 1.0um MIN TIN OVER 1.27um MIN NICKEL<br>METAL PEG: 2.0um MIN TIN OVER 1.27um MIN NICKEL                 |
| 3 | MATING PARTS: SEE TABLE ON PAGE 2.                                                                                               |
| 6 | GWEPT750°C NO FLAME PER IEC 60335-1.                                                                                             |

## KEYING ILLUSTRATION

| POS \ KEY | KEY A | KEY B |
|-----------|-------|-------|
| 7-12 POS  |       |       |
| 2-6 POS   |       |       |

## RECOMMENDED PCB LAYOUT



DWN 12SEP2019  
R SMITH

L. CHEN

L. CHEN  
PRODUCT SPEC108-106431  
APPLICATION SPEC

114-106497

CUSTOMER DRAWING:

NAME HEADER ASSY, RA, SGI 1.50  
SMT TYPE

|      |           |            |               |
|------|-----------|------------|---------------|
| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
| A2   | 00779     | C-2360545  | -             |

CUSTOMER DRAWING SCALE 5:1 SHEET 2 OF 5 REV D 1

4

3

2

I

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| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|           | -   | SEE SHEET 1 | -    | -   | -    |
|           |     |             |      |     |      |
|           |     |             |      |     |      |
|           |     |             |      |     |      |

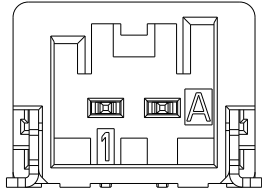
D

C

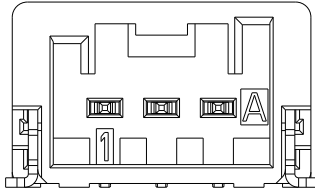
B

A

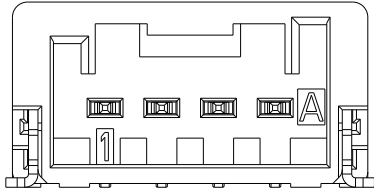
KEY A SHOWN FOR ALL POSITIONS



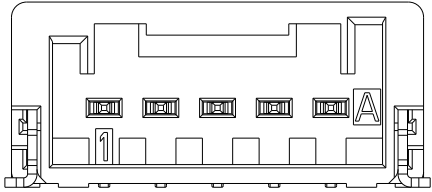
2 POSITION



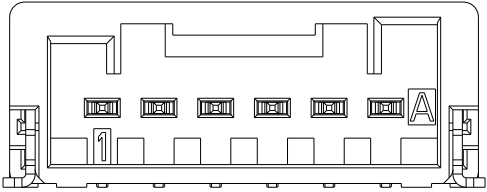
3 POSITION



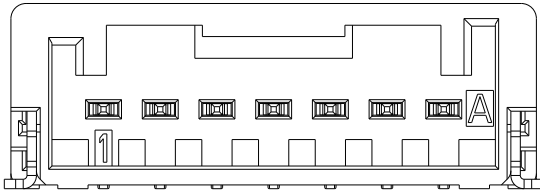
4 POSITION



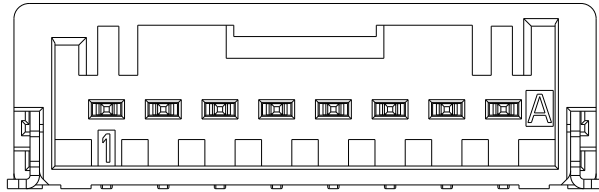
5 POSITION



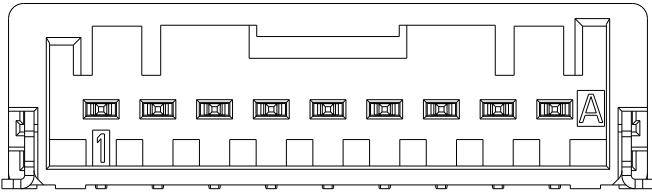
6 POSITION



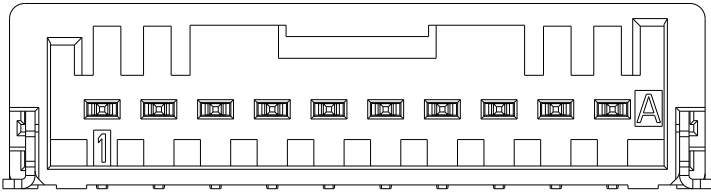
7 POSITION



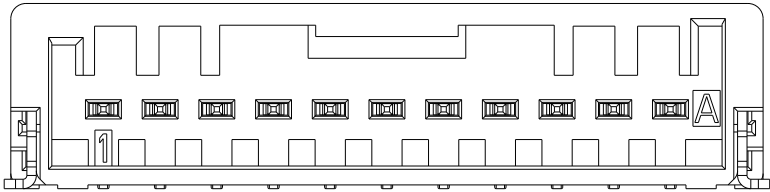
8 POSITION



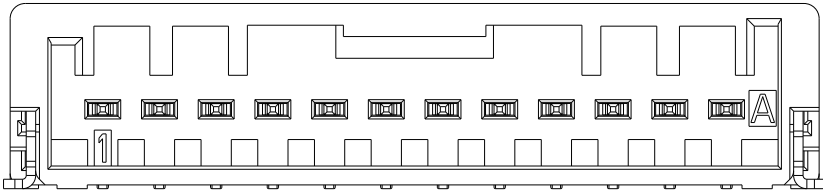
9 POSITION



10 POSITION



11 POSITION



12 POSITION

THIS DRAWING IS A CONTROLLED DOCUMENT.

|                   |                                        |       |
|-------------------|----------------------------------------|-------|
| DIMENSIONS:<br>mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: |       |
|                   | 0 PLC                                  | ±-    |
|                   | 1 PLC                                  | ±0.25 |
|                   | 2 PLC                                  | ±0.15 |
|                   | 3 PLC                                  | ±-    |
|                   | 4 PLC                                  | ±-    |
|                   | ANGLES                                 | ±-    |
|                   | FINISH                                 | ±-    |
| MATERIAL          |                                        |       |

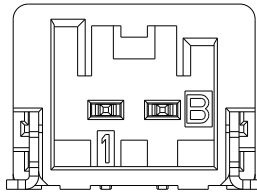
|                  |            |
|------------------|------------|
| DWN              | 12SEP2019  |
| CHK              | R. SMITH   |
| APVD             | L. CHEN    |
| PRODUCT SPEC     | 108-106451 |
| APPLICATION SPEC | 114-106497 |
| WEIGHT           | -          |
| CUSTOMER DRAWING |            |

|       |           |                                       |               |
|-------|-----------|---------------------------------------|---------------|
| NAME  |           | HEADER ASSY, RA, SGI 1.50<br>SMT TYPE |               |
| SIZE  | CAGE CODE | DRAWING NO                            | RESTRICTED TO |
| A2    | 00779     | C-2360545                             | -             |
| SCALE |           | SHEET                                 | REV           |
| 5:1   |           | 3 OF 5                                | D1            |

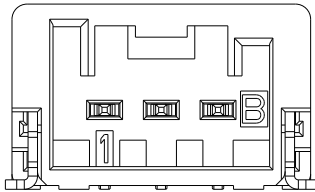
TE Connectivity

| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|           | -   | SEE SHEET 1 | -    | -   | -    |
|           |     |             |      |     |      |
|           |     |             |      |     |      |
|           |     |             |      |     |      |

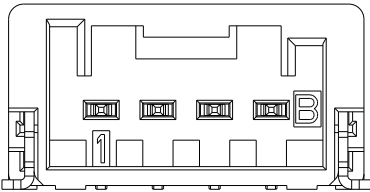
KEY B SHOWN FOR ALL POSITIONS



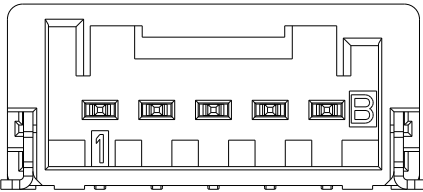
2 POSITION



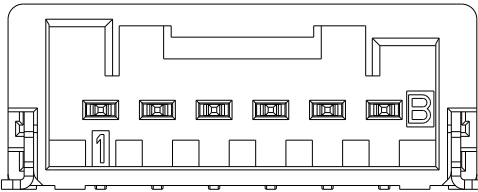
3 POSITION



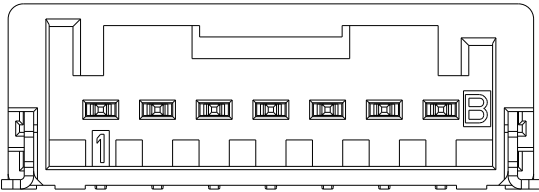
4 POSITION



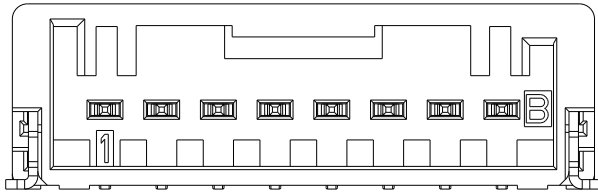
5 POSITION



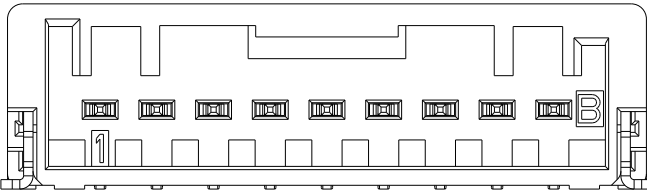
6 POSITION



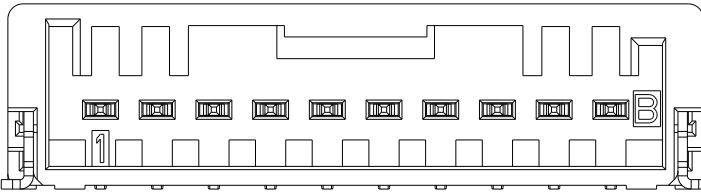
7 POSITION



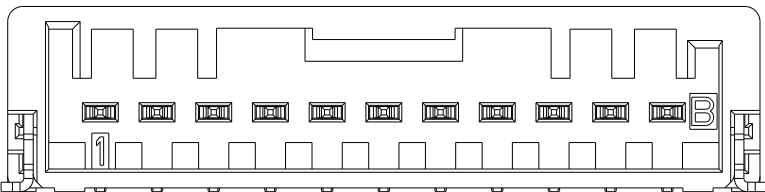
8 POSITION



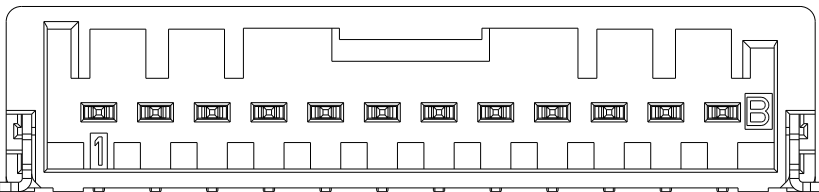
9 POSITION



10 POSITION



11 POSITION



12 POSITION

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-

1 PLC ±0.25

2 PLC ±0.15

3 PLC ±-

4 PLC ±-

ANGLES ±-

FINISH

DWN 12SEP2019  
R. SMITH

CHK 12SEP2019  
L. CHEN

APVD 12SEP2019  
L. CHEN

PRODUCT SPEC  
108-106451

APPLICATION SPEC  
114-106497

WEIGHT  
-

CUSTOMER DRAWING

TE Connectivity

NAME  
HEADER ASSY, RA, SGI 1.50  
SMT TYPE  
-

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
C-2360545

RESTRICTED TO  
-

SCALE  
5:1

SHEET  
4 OF 5

REV  
D1

A