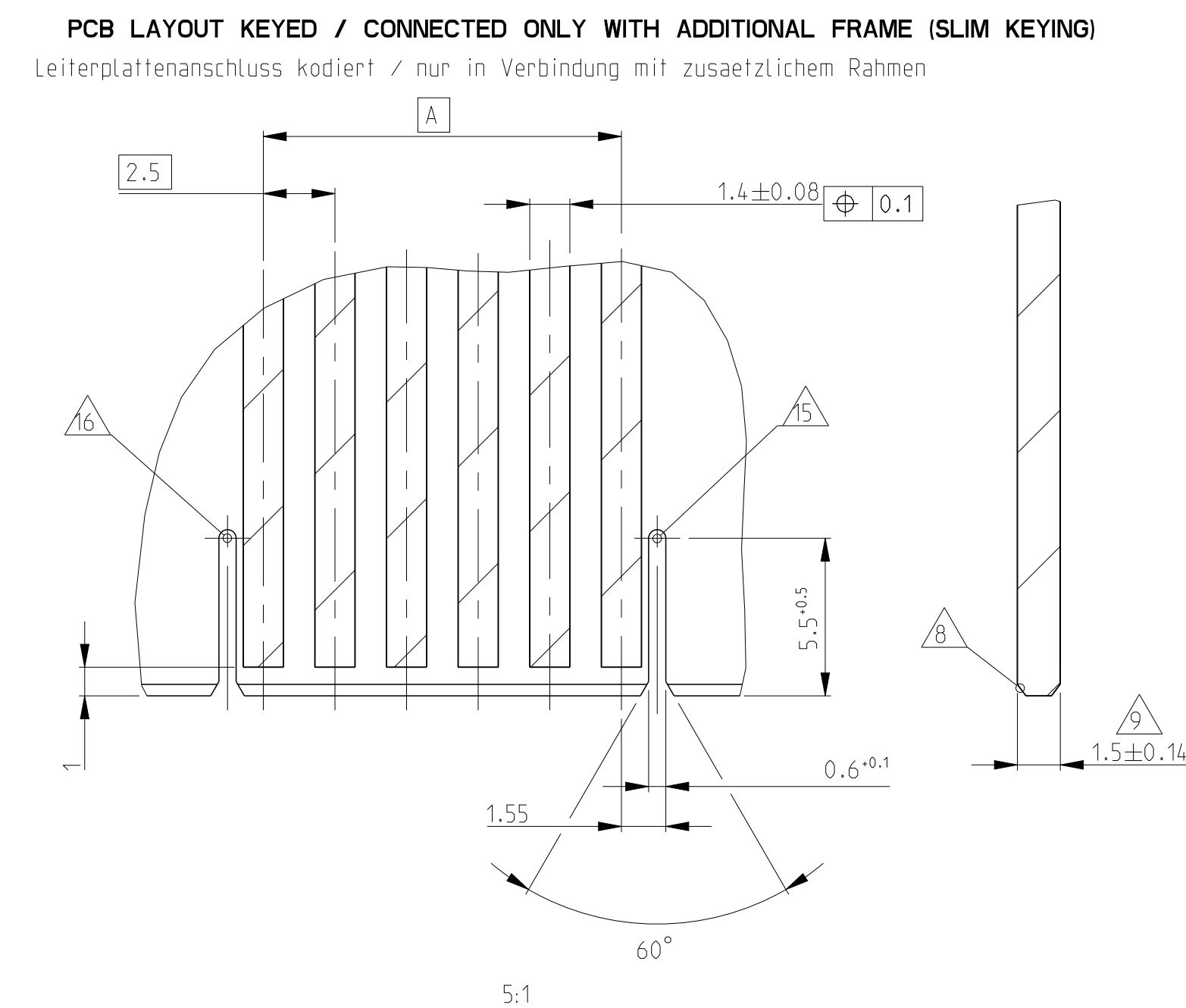
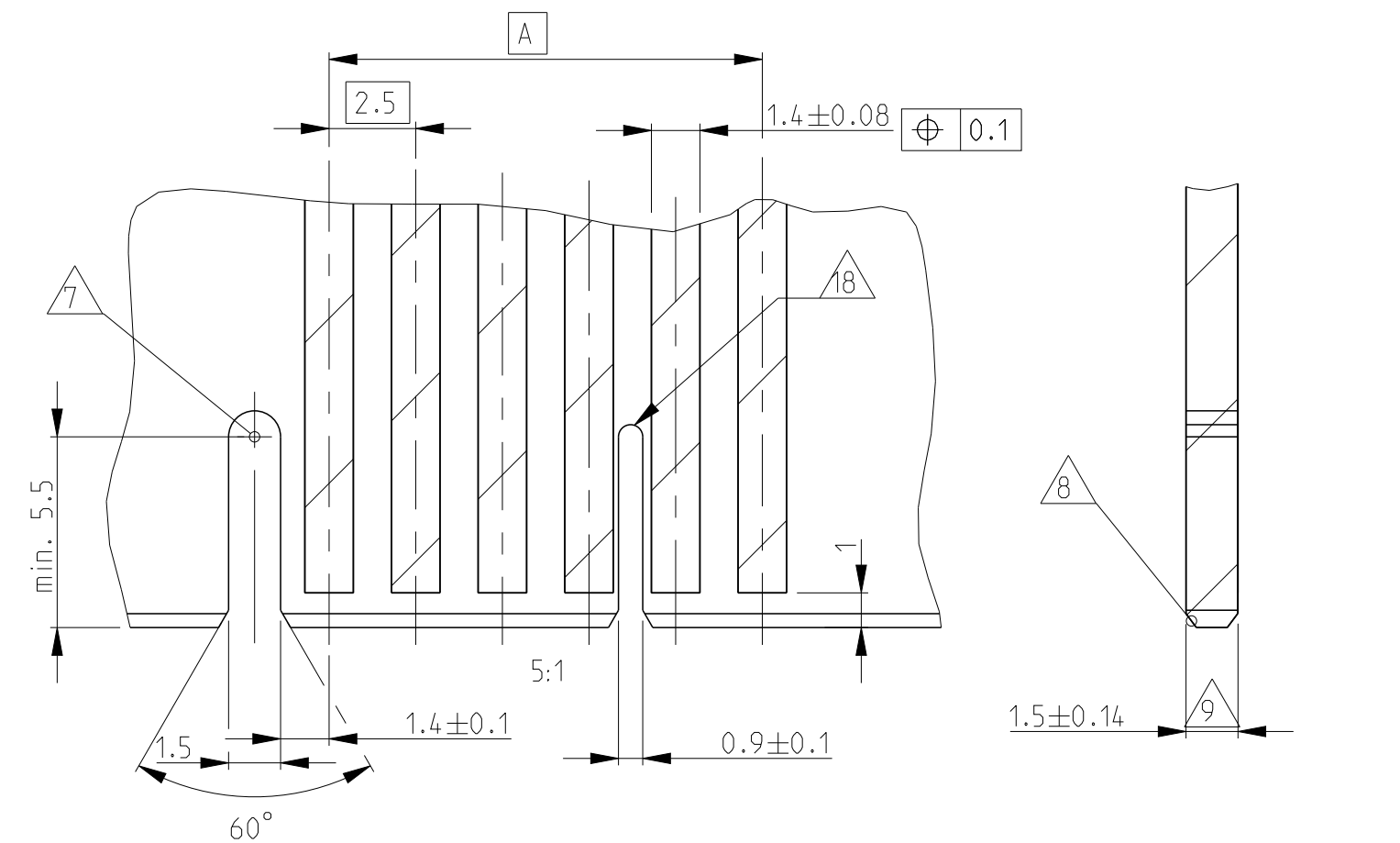
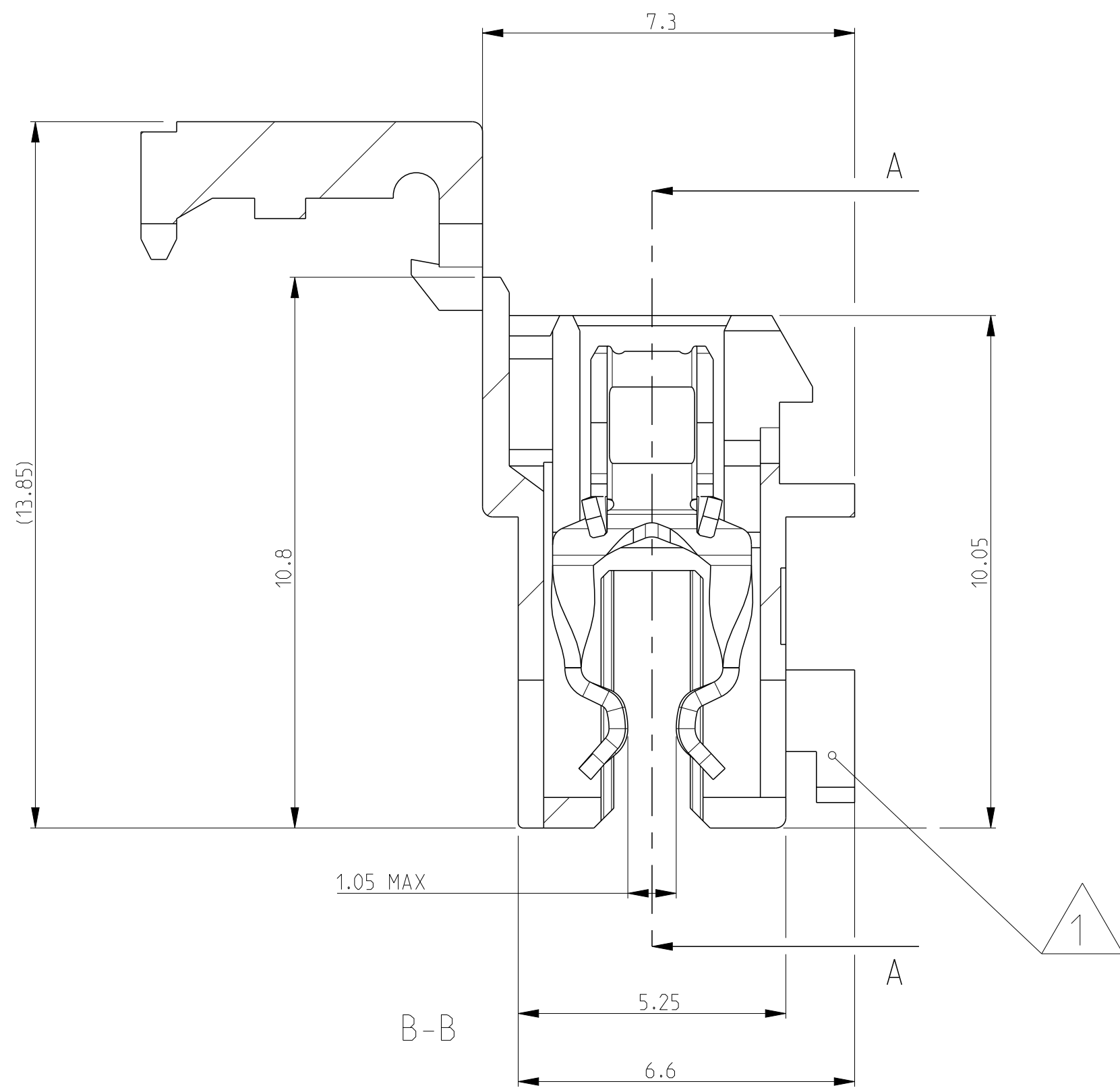




OTHER NOTE SEE SHEET 3 OF 3.

|                                                                                       |  |                                                                                                                                                        |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN Z6Y42002<br>H. Karabiyyik<br>CHK Z6Y42002<br>B. Schnaubelt<br>Z6Y42002                                                                             |  |  TE Connectivity |  |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC $\pm 0.2$<br>1 PLC $\pm 0.2$<br>2 PLC $\pm 0.2$<br>3 PLC $\pm$<br>4 PLC $\pm$<br>ANGLES $\pm 30^\circ$ |  | NAME<br>AMP DUOPLUG 2.5 MARK II<br>FEMALE CONNECTOR 3-20 POSITION<br>SELECTIVE LOADED                 |  |
|  |  | APVD T. Klenner Z6Y42002<br>PRODUCT SPEC<br>108-18785<br>APPLICATION SPEC<br>114-18467                                                                 |  | SIZE<br>A 1                                                                                           |  |
| MATERIAL<br>-                                                                         |  | FINISH<br>-                                                                                                                                            |  | DRAWING NO<br>C=1534798                                                                               |  |
| WEIGHT<br>-                                                                           |  | RESTRICTED TO<br>-                                                                                                                                     |  | SCALE 10:1<br>SHEET 1 OF 3<br>REV 058                                                                 |  |
| Customer Drawing                                                                      |  |                                                                                                                                                        |  |                                                                                                       |  |

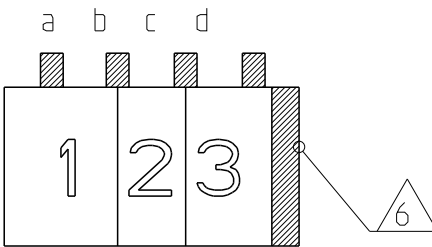
|    |                                                                                                          |
|----|----------------------------------------------------------------------------------------------------------|
| 29 | CAVITY ID STARTS WITH LETTER FOR PARTS PRODUCTION IN QINGDAO PLANT, SUCH AS "A1.1"                       |
| 28 | STRIPE IN YELLOW COLOR WHERE SHOWN PRESENT ON THE PARTS PRODUCED IN TE COLLEGNO ONLY                     |
| 27 | DIMENSION AVAILABE FOR PART X-2304525-X, X-2304526-X.                                                    |
| 26 | WITH SPECIAL CHAIN FEATURE                                                                               |
| 25 | SIDE KEYING ON LAST CAVITY THICKNESS=1.5mm                                                               |
| 24 | SIDE KEYING ON CAVITY 1 THICKNESS=1.5mm                                                                  |
| 19 | COLOR STRIP ON COVER OF HOUSING, NOT THE COLOR OF HOUSING.                                               |
| 18 | SLOT, THICK, BETWEEN CAVITIES                                                                            |
| 17 | KEYING, THICK, BETWEEN POSITION                                                                          |
| 16 | SLOT, SLIM, FOR SIDE KEYING, LAST CAVITY                                                                 |
| 15 | SLOT, SLIM, FOR SIDE KEYING.SIDE CAVITY 1                                                                |
| 14 | SIDE KEYING, SLIM, ON LAST CAVITY                                                                        |
| 13 | SIDE KEYING, SLIM, ON CAVITY 1                                                                           |
| 12 | KEYING SLIM BETWEEN POSITIONS                                                                            |
| 11 | PRELIMINARY PART NOT RELEASED FOR PRODUCTION                                                             |
| 10 | TE LOGO                                                                                                  |
| 9  | INCLUSIVE COPPER LOADING                                                                                 |
| 8  | PCB PREFERABLY CHAMFERED                                                                                 |
| 7  | SLOT, THICK , FOR SIDE KEYING                                                                            |
| 6  | SIDE KEYING, THICK, ON LAST CAVITY                                                                       |
| 5  | WIRE RANG: 0.22-0.35mm <sup>2</sup> SEE APPLICATION SPEC. 114-18467                                      |
| 4  | IEC60695-2-11 / IEC60335-1 GLOW WIRE TEST 750 °C WITHOUT FL                                              |
| 3  | X..CAVITY LOADED WITH CONTACT<br>O..CAVITY WITHOUT CONTACT                                               |
| 2  | MATING PART: PCB (WITH FRAMES ACC. RAST 2.5 E.G. PN 964 57)<br>TAB HEADER (FOR EXAMPLE: X-1971921/922-Y) |
| 1  | KEYING RIBS; CUTTING WITH TERMINATION MACHINE POSSIBLE                                                   |

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

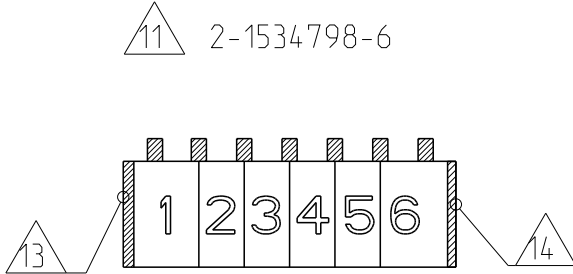
KEYING PLAN

Kodierschema

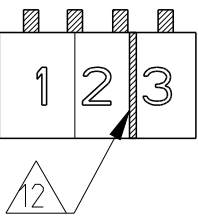
4-1534798-3



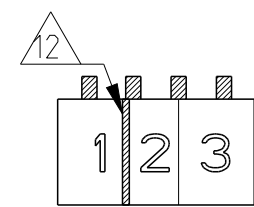
2-1534798-6



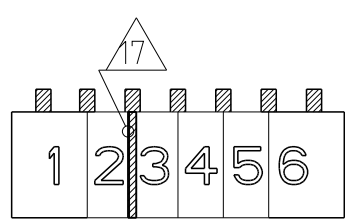
2-1534798-3



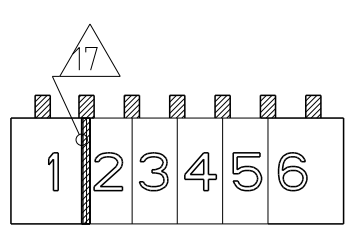
9-1534798-3



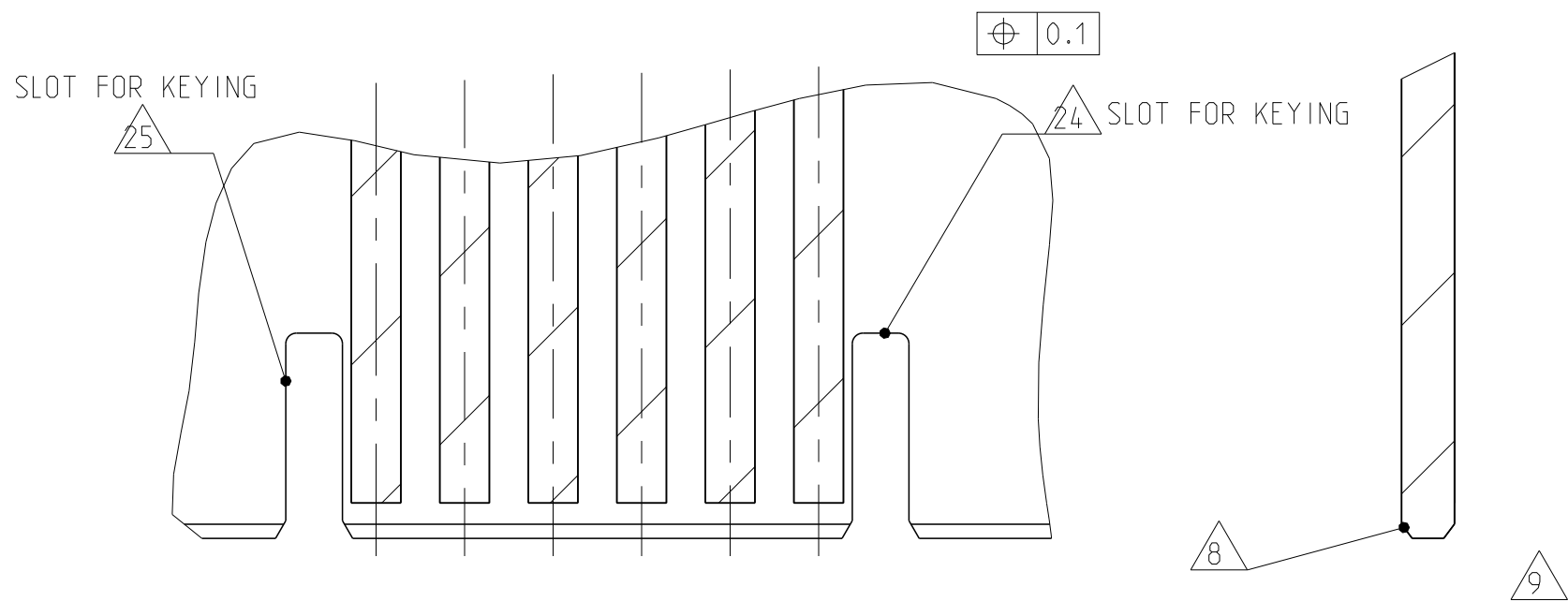
9-1534798-6



1-1534798-6

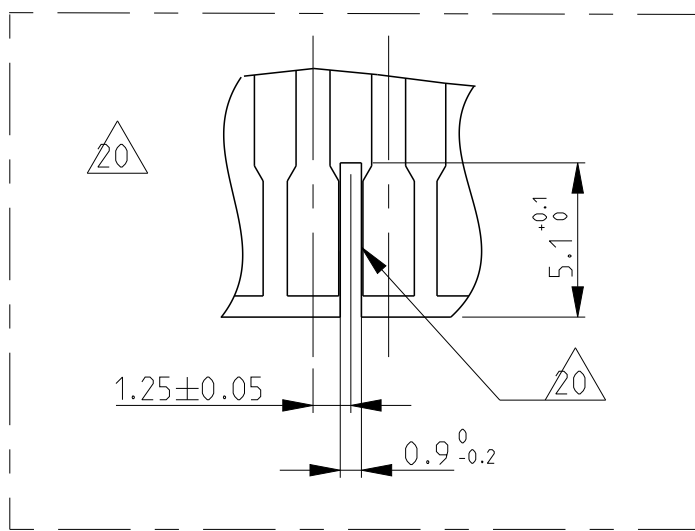


PCB LAYOUT KEYED / CONNECTED ONLY WITH ADDITIONAL FRAME (KEYING THICKNESS-1.5mm)



5:1

| GWEPT 750°C NO FLAME & UL94-V2, TIN PLATED VERSION |  |   |   |   |   |   |   |   |   |   |   |   |   |   |             |             |             |   |      |      |      |      |      |  |     |     |       |             |             |             |             |    |
|----------------------------------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|-------------|-------------|-------------|---|------|------|------|------|------|--|-----|-----|-------|-------------|-------------|-------------|-------------|----|
|                                                    |  | X | 0 | X | 0 | X | 0 | X | 0 | X | 0 | X | 0 | X | 0           | X           | 0           | X | 0    | X    | 19   | 45   | 49.9 |  |     |     | 17/18 | -           | -           | -           | 2-1534799-9 | 11 |
|                                                    |  | X | 0 | X | 0 | X | 0 | X | 0 | X | 0 | X | 0 | X | 0           | X           | 0           | X | 0    | X    | 19   | 45   | 49.9 |  |     |     | -     | -           | -           | -           | 1-1534799-9 |    |
|                                                    |  |   |   | X | 0 | X | 0 | X | 0 | X | 0 | X | 0 | X | 0           | X           | 0           | X | 0    | X    | 17   | 40   | 44.9 |  |     |     | 8/9   |             |             |             | 1534799-7   | 11 |
|                                                    |  |   |   |   |   | X | 0 | X | 0 | X | 0 | X | 0 | X | 0           | X           | 0           | X | 0    | X    | 15   | 35   | 39.9 |  |     |     | -     | -           | -           | -           | 1-1534799-5 |    |
|                                                    |  |   |   |   |   |   | X | X | 0 | 0 | 0 | X | X | X | X           | X           | X           | X | X    | 13   | 30   | 34.9 |      |  |     |     | -     | -           | -           | 4-1534799-3 | 11          |    |
|                                                    |  |   |   |   |   |   | X | 0 | X | 0 | X | 0 | X | 0 | X           | 0           | X           | 0 | X    | 13   | 30   | 34.9 |      |  |     |     | -     | -           | -           | 3-1534799-3 |             |    |
|                                                    |  |   |   |   |   |   |   | X | X | X | X | 0 | X | 0 | X           | 0           | X           | 0 | X    | 12   | 27.5 | 32.4 |      |  |     |     |       |             |             | 1-1534799-2 | 11          |    |
|                                                    |  |   |   |   |   |   |   | X | X | X | X | 0 | X | 0 | X           | 0           | X           | 0 | X    | 12   | 27.5 | 32.4 |      |  |     | 8/9 |       |             |             | 2-1534799-2 | 11          |    |
| Black                                              |  |   |   |   |   |   |   |   | X | 0 | X | 0 | 0 | 0 | X           | 0           | X           | 0 | X    | 11   | 25   | 29.9 |      |  |     |     | -     | -           | -           | 5-1534799-1 |             |    |
|                                                    |  |   |   |   |   |   |   |   | X | 0 | X | X | X | X | X           | X           | X           | 0 | X    | 11   | 25   | 29.9 |      |  |     |     | -     | -           | -           | 4-1534799-1 |             |    |
|                                                    |  |   |   |   |   |   |   |   | X | 0 | X | 0 | X | 0 | X           | 0           | X           | 0 | X    | 11   | 25   | 29.9 |      |  |     |     | -     | -           | -           | 3-1534799-1 |             |    |
|                                                    |  |   |   |   |   |   |   |   | X | 0 | X | 0 | X | 0 | 0           | 0           | X           | X | X    | 11   | 25   | 29.9 |      |  |     |     | -     | -           | -           | 2-1534799-1 |             |    |
|                                                    |  |   |   |   |   |   |   |   |   | X | 0 | X | 0 | X | 0           | X           | 0           | 0 | X    | 10   | 22.5 | 27.4 |      |  |     |     | -     | -           | -           | 5-1534798-0 |             |    |
|                                                    |  |   |   |   |   |   |   |   |   | X | 0 | X | X | 0 | X           | 0           | X           | 0 | X    | 10   | 22.5 | 27.4 |      |  |     |     | -     | -           | -           | 4-1534798-0 | 11          |    |
|                                                    |  |   |   |   |   |   |   |   |   | X | 0 | X | 0 | X | 0           | X           | X           | 0 | X    | 10   | 22.5 | 27.4 |      |  |     |     | -     | -           | -           | 3-1534798-0 |             |    |
|                                                    |  |   |   |   |   |   |   |   |   | X | X | X | 0 | X | 0           | X           | 0           | X | X    | 10   | 22.5 | 27.4 |      |  |     |     | -     | -           | -           | 2-1534798-0 |             |    |
|                                                    |  |   |   |   |   |   |   |   |   | X | 0 | X | 0 | 0 | X           | X           | X           | X | 9    | 20   | 24.9 |      |      |  |     | -   | -     | -           | 7-1534798-9 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   | X | 0 | X | X | X | X           | X           | X           | 0 | 9    | 20   | 24.9 |      |      |  |     | -   | -     | -           | 6-1534798-9 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   | X | 0 | X | X | 0 | X           | X           | 0           | X | 9    | 20   | 24.9 |      |      |  |     | -   | -     | -           | 5-1534798-9 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   | X | 0 | X | X | 0 | X           | 0           | X           | X | 9    | 20   | 24.9 |      |      |  |     | -   | -     | -           | 4-1534798-9 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   | X | 0 | X | 0 | X | 0           | X           | 0           | X | 9    | 20   | 24.9 |      |      |  |     | -   | -     | -           | 3-1534798-9 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   | X | 0 | X | 0 | X | X           | X           | X           | 8 | 17.5 | 22.4 |      |      |      |  |     | -   | -     | -           | 9-1534798-8 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   | X | X | 0 | X | X | X           | 0           | X           | 8 | 17.5 | 22.4 |      |      |      |  |     | -   | -     | -           | 8-1534798-8 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   | X | 0 | X | X | X | X           | X           | 7-1534798-8 |   |      |      |      |      |      |  | -   | -   | -     | 7-1534798-8 |             |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   | X | X | X | X | X | X           | 0           | X           | 8 | 17.5 | 22.4 |      |      |      |  |     | -   | -     | -           | 6-1534798-8 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   | X | X | X | X | 0 | X           | 0           | X           | 8 | 17.5 | 22.4 |      |      |      |  |     | -   | -     | -           | 5-1534798-8 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   | X | X | 0 | 0 | 0 | X           | X           | X           | 8 | 17.5 | 22.4 |      |      |      |  |     | -   | -     | -           | 4-1534798-8 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   | X | X | X | 0 | 0 | 0           | X           | X           | 8 | 17.5 | 22.4 |      |      |      |  |     | -   | -     | -           | 3-1534798-8 |             |             |    |
| Black                                              |  |   |   |   |   |   |   |   |   | X | 0 | X | 0 | X | 0           | X           | 6-1534798-7 |   |      |      |      |      |      |  | -   | -   | -     | 6-1534798-7 |             |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   | X | 0 | X | 0 | 0 | 0           | X           | 5-1534798-7 |   |      |      |      |      |      |  | -   | -   | -     | 5-1534798-7 |             |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   | X | 0 | X | X | X | X           | X           | 4-1534798-7 |   |      |      |      |      |      |  | -   | -   | -     | 4-1534798-7 | 11          |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   | X | 0 | X | 0 | X | 0           | X           | 3-1534798-7 |   |      |      |      |      |      |  | -   | -   | -     | 3-1534798-7 |             |             |             |    |
| Orange                                             |  |   |   |   |   |   |   |   |   | X | X | 0 | 0 | X | 0           | X           | 1534798-7   |   |      |      |      |      |      |  | -   | -   | -     | -           | 1534798-7   |             |             |    |
| Black                                              |  |   |   |   |   |   |   |   |   |   | X | 0 | X | X | 0           | X           | 2-1534798-6 |   |      |      |      |      |      |  | -   | X   | X     | -           | 2-1534798-6 |             |             |    |
| Red                                                |  |   |   |   |   |   |   |   |   |   | X | 0 | X | X | 0           | X           | 1-1534798-6 |   |      |      |      |      |      |  | 1/2 | -   | -     | -           | -           | 1-1534798-6 |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   | X | 0 | X | X | 0           | X           | 9-1534798-6 |   |      |      |      |      |      |  | 2/3 | -   | -     | -           | -           | 9-1534798-6 |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   | X | 0 | X | 0 | X           | X           | 8-1534798-6 |   |      |      |      |      |      |  | -   | -   | -     | -           | 8-1534798-6 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   | X | X | X | 0 | X           | X           | 7-1534798-6 |   |      |      |      |      |      |  | -   | -   | -     | -           | 7-1534798-6 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   | 0 | X | X | X | 0           | X           | 6-1534798-6 |   |      |      |      |      |      |  | -   | -   | -     | -           | 6-1534798-6 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   | X | 0 | X | X | 0           | X           | 5-1534798-6 |   |      |      |      |      |      |  | -   | -   | -     | -           | 5-1534798-6 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   | X | 0 | X | X | 0           | X           | 2314657-6   |   |      |      |      |      |      |  | X   | X   |       | 3/4         |             | 2314657-6   |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   | X | 0 | X | X | 0           | X           | 1-2314657-6 |   |      |      |      |      |      |  | X   | X   |       | 4/5         |             | 1-2314657-6 | 11          |    |
|                                                    |  |   |   |   |   |   |   |   |   |   | 0 | 0 | 0 | X | 0           | X           | 4-1534798-6 |   |      |      |      |      |      |  | -   | -   | -     | -           | 4-1534798-6 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   | X | X | 0 | X | 0           | X           | 3-1534798-6 |   |      |      |      |      |      |  | -   | -   | -     | -           | 3-1534798-6 |             |             |    |
| Brown                                              |  |   |   |   |   |   |   |   |   |   | X | X | 0 | X | X           | 9-1534798-5 |             |   |      |      |      |      |      |  | 1/2 |     |       |             | 9-1534798-5 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   | X | 0 | X | 0 | X           | 8-1534798-5 |             |   |      |      |      |      |      |  | 4/5 |     |       |             | 8-1534798-5 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   | X | 0 | X | 0 | 0           | 7-1534798-5 |             |   |      |      |      |      |      |  | -   | -   | -     | -           | 7-1534798-5 |             |             |    |
| Black                                              |  |   |   |   |   |   |   |   |   |   | X | 0 | X | 0 | X           | 6-1534798-5 |             |   |      |      |      |      |      |  | -   | -   | -     | -           | 6-1534798-5 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   | X | X | X | 0 | X           | 5-1534798-5 |             |   |      |      |      |      |      |  | -   | -   | -     | -           | 5-1534798-5 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   | X | 0 | 0 | 0 | X           | 4-1534798-5 |             |   |      |      |      |      |      |  | -   | -   | -     | -           | 4-1534798-5 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   | X | 0 | X | 0 | X           | 3-1534798-5 |             |   |      |      |      |      |      |  | -   | -   | -     | -           | 3-1534798-5 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   | X | 0 | X | X | X           | 2-1534798-5 |             |   |      |      |      |      |      |  | -   | -   | -     | -           | 2-1534798-5 | 11          |             |    |
| Orange                                             |  |   |   |   |   |   |   |   |   |   |   | X | X | 0 | X           | 3-1534798-4 |             |   |      |      |      |      |      |  | -   | -   | -     | -           | 3-1534798-4 | 11          |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   |   | X | 0 | X | 1-1534798-3 |             |             |   |      |      |      |      |      |  | 2/3 | -   | -     | -           | -           | 1-1534798-3 |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   |   | X | 0 | X | 1534798-3   |             |             |   |      |      |      |      |      |  |     | 1/2 | -     | -           | -           | 9-1534798-3 |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   |   | X | 0 | X | 2-1534798-3 |             |             |   |      |      |      |      |      |  | 2/3 | -   | -     | -           | -           | 2-1534798-3 |             |    |
| Brown                                              |  |   |   |   |   |   |   |   |   |   |   | X | 0 | X | 8-1534798-3 |             |             |   |      |      |      |      |      |  | -   | -   | -     | -           | 8-1534798-3 |             |             |    |
| Green                                              |  |   |   |   |   |   |   |   |   |   |   | X | 0 | X | 7-1534798-3 |             |             |   |      |      |      |      |      |  | -   | -   | -     | -           | 7-1534798-3 |             |             |    |
| Blue                                               |  |   |   |   |   |   |   |   |   |   |   | X | 0 | X | 6-1534798-3 |             |             |   |      |      |      |      |      |  | -   | -   | -     | -           | 6-1534798-3 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   |   | 0 | X | X | 5-1534798-3 |             |             |   |      |      |      |      |      |  | -   | -   | -     | -           | 5-1534798-3 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   |   | X | 0 | X | 4-1534798-3 |             |             |   |      |      |      |      |      |  | -   | -   | -     | X           | 4-1534798-3 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   |   | X | 0 | X | 3-1534798-3 |             |             |   |      |      |      |      |      |  | -   | -   | -     | -           | 3-1534798-3 |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   |   |   | X | 0 | X           |             |             |   |      |      |      |      |      |  | -   | -   | -     | -           |             |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   |   |   |   | X | 0           | X           |             |   |      |      |      |      |      |  | -   | -   | -     | -           |             |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   |   |   |   |   | X           | 0           | X           |   |      |      |      |      |      |  | -   | -   | -     | -           |             |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   |   |   |   |   |             | X           | 0           | X |      |      |      |      |      |  | -   | -   | -     | -           |             |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   |   |   |   |   |             |             | X           | 0 | X    |      |      |      |      |  | -   | -   | -     | -           |             |             |             |    |
|                                                    |  |   |   |   |   |   |   |   |   |   |   |   |   |   |             |             |             |   |      |      |      |      |      |  |     |     |       |             |             |             |             |    |



|      |                   |                             |                   |                                   |
|------|-------------------|-----------------------------|-------------------|-----------------------------------|
| 2    | SEE TABLE         | CONTACT/Kontakt             | CuSn              | SILVERED                          |
| 1    | siehe Tabelle     | HOUSING/Federleistegeh.     | HIGH TEMP PLASTIC | NATUR/Natur                       |
| POS. | PN<br>Bestell-Nr. | DESCRIPTION<br>Beschreibung | MATERIAL          | COLOUR/FINISH<br>Farbe/Oberfläche |

|      |                   |                             |                   |                                   |
|------|-------------------|-----------------------------|-------------------|-----------------------------------|
| 2    | SEE TABLE         | CONTACT/Kontakt             | CuSn              | TINNED /verzinnt                  |
| 1    | siehe Tabelle     | HOUSING/Federleistengeh.    | HIGH TEMP PLASTIC | NATUR/Natur                       |
| POS. | PN<br>Bestell-Nr. | DESCRIPTION<br>Beschreibung | MATERIAL          | COLOUR/FINISH<br>Farbe/Oberfläche |

4805 (3/11)