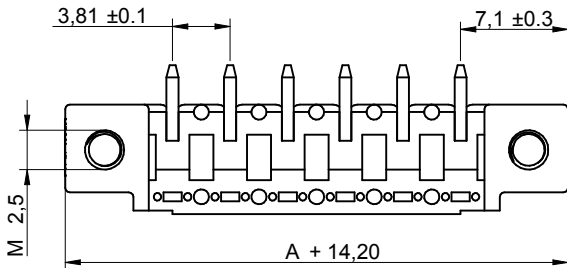
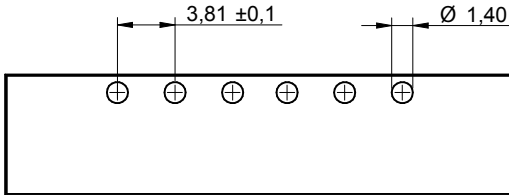
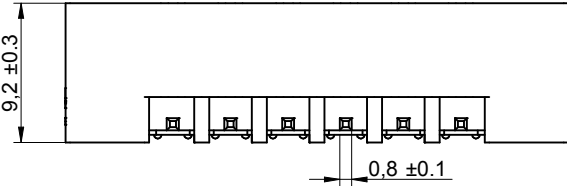
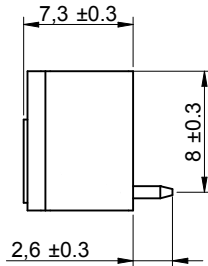
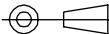
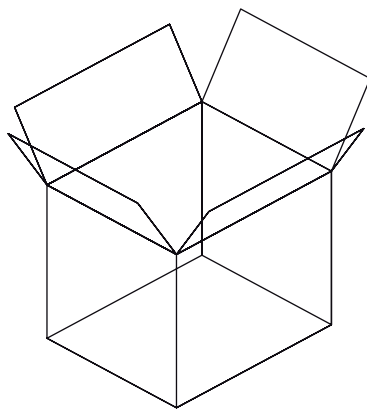
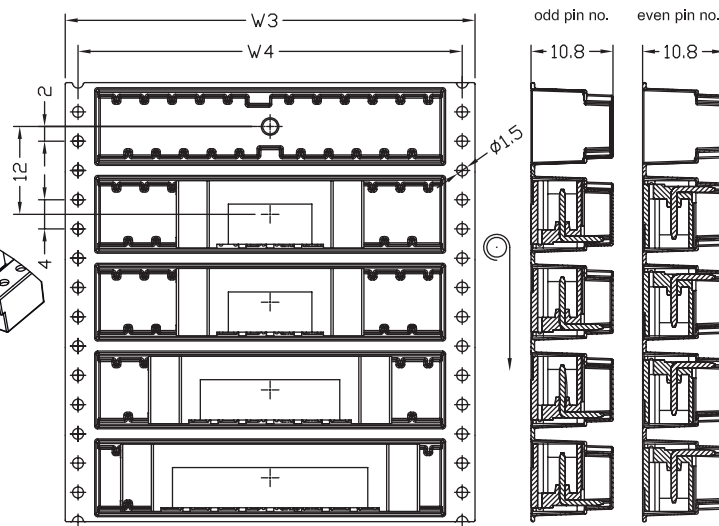
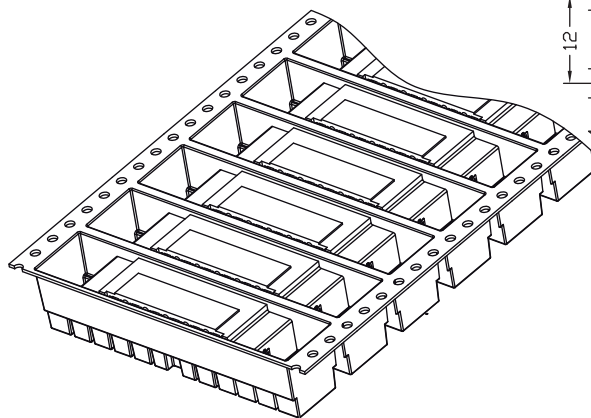


| 1                                                                                |           | 2                                                                                  |  | 3                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   | 5                                                                                                                                     |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
|----------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------|------|---|------|---|-------|---|-------|---|-------|---|-------|---|-------|---|-------|----|-------|----|------|----|-------|--|--|--|--|
|  |           |  |  | PCB LAYOUT                                                                                                                                                                                                                                                                                                                                                                                                                  |  | <div>CHARACTERISTICS</div> <div>MATERIAL</div> <div>Insulator material : LCP</div> <div>Flammability rating : UL94-V0</div> <div>Colour : Black</div> <div>Contact pin : Brass (CuZn)</div> <div>Surface of solder tail plating : Tin Plated</div> <div>Flange nut : Brass - M2.5</div> <div>ENVIRONMENTAL</div> <div>Operating temperature : -40°C up to 105°C</div> <div>Compliance : Lead free and RoHS</div> <div>SOLDERING</div> <div>Solder temperature : Reflow process as per JEDEC J-020D-STD</div> <div>ELECTRICAL</div> <div>Current rating : 10A</div> <div>Working voltage : 300 Vac</div> <div>Dielectric withstanding voltage : 2.5 kVac/min</div> <div>Contact resistance : 20 mΩ max</div> <div>STANDARD</div> <div> us Certified : E315414 / Model number 7013</div> <div>MECHANICAL</div> <div>Pitch : 3.81mm</div> <div>PACKAGING</div> <div>Tape &amp; Reel</div> |   |                                                                                                                                       |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
|  |           |  |  | <table><tr><th>Poles</th><th>A</th></tr><tr><td>2</td><td>3.81</td></tr><tr><td>3</td><td>7.62</td></tr><tr><td>4</td><td>11.43</td></tr><tr><td>5</td><td>15.24</td></tr><tr><td>6</td><td>19.05</td></tr><tr><td>7</td><td>22.86</td></tr><tr><td>8</td><td>26.67</td></tr><tr><td>9</td><td>30.48</td></tr><tr><td>10</td><td>34.29</td></tr><tr><td>11</td><td>38.1</td></tr><tr><td>12</td><td>41.91</td></tr></table> |  | Poles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A | 2                                                                                                                                     | 3.81 | 3 | 7.62 | 4 | 11.43 | 5 | 15.24 | 6 | 19.05 | 7 | 22.86 | 8 | 26.67 | 9 | 30.48 | 10 | 34.29 | 11 | 38.1 | 12 | 41.91 |  |  |  |  |
| Poles                                                                            | A         |                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |                                                                                                                                       |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
| 2                                                                                | 3.81      |                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |                                                                                                                                       |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
| 3                                                                                | 7.62      |                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |                                                                                                                                       |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
| 4                                                                                | 11.43     |                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |                                                                                                                                       |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
| 5                                                                                | 15.24     |                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |                                                                                                                                       |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
| 6                                                                                | 19.05     |                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |                                                                                                                                       |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
| 7                                                                                | 22.86     |                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |                                                                                                                                       |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
| 8                                                                                | 26.67     |                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |                                                                                                                                       |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
| 9                                                                                | 30.48     |                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |                                                                                                                                       |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
| 10                                                                               | 34.29     |                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |                                                                                                                                       |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
| 11                                                                               | 38.1      |                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |                                                                                                                                       |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
| 12                                                                               | 41.91     |                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |                                                                                                                                       |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
| RoHS Compliant                                                                   |           |                                                                                    |  | PROJECTION:                                                                                                                                                                                                                                                                                                                                                                                                                 |  | GENERAL TOLERANCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                                                  |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
| G                                                                                |           |                                                                                    |  |                                                                                                                                                                                                                                                                                                                                          |  | .X = $\pm 0.2$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   | <div>DESCRIPTION: SERIE 7013B - 3.81MM HORIZONTAL PCB HEADER - THR TYPE WITH FLANGES</div> <div>WERI PART NO: 691 701 350 0xx B</div> |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
| F                                                                                |           |                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  | .XX = $\pm 0.15$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |   |                                                                                                                                       |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
| E                                                                                |           |                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |                                                                                                                                       |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
| D                                                                                |           |                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |                                                                                                                                       |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
| C                                                                                |           |                                                                                    |  | APPROVAL: RJ                                                                                                                                                                                                                                                                                                                                                                                                                |  | UNIT: MM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   | SIZE                                                                                                                                  |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
| B                                                                                | 19-DEC-11 | 6917013500xx                                                                       |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  | SCALE: 2/1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |   |                                                                                                                                       |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
| A                                                                                | 14-SEP-11 | PDF                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  | SHEET: 1/2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |   |                                                                                                                                       |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |
| REV                                                                              | DATE      | FILE                                                                               |  | BY                                                                                                                                                                                                                                                                                                                                                                                                                          |  | DRAW: QUENTIN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   | A4                                                                                                                                    |      |   |      |   |       |   |       |   |       |   |       |   |       |   |       |    |       |    |      |    |       |  |  |  |  |



1. 10 sprocket hole pitch cumulative tolerance  $\pm 0.20$
2. Carrier camber is within 1 mm in 250 mm.
3. Material : Black Conductive Polystyrene Alloy.  
Transparent anti-static PET
4. All dimensions meet EIA-481-C requirements.
5. Thickness :  $0.50 \pm 0.05$  mm.
6. Component load per 13" reel : 450 pcs.



| Poles | A     | Dimension |        |        |        | Packing<br>(Rel/coton) | Carton<br>dimensions<br>(cm) | Quantity<br>/ Carton |
|-------|-------|-----------|--------|--------|--------|------------------------|------------------------------|----------------------|
|       |       | W1(mm)    | W2(mm) | W3(mm) | W4(mm) |                        |                              |                      |
| 2     | 3.81  | 36.4      | 32     | 32     | 28.5   | 10                     | 33.5 x 33.5 x 40             | 4500                 |
| 3     | 7.62  | 60.4      | 56     | 56     | 52.5   | 6                      | 33.5 x 33.5 x 40             | 2700                 |
| 4     | 11.43 | 60.4      | 56     | 56     | 52.5   | 6                      | 33.5 x 33.5 x 40             | 2700                 |
| 5     | 15.24 | 60.4      | 56     | 56     | 52.5   | 6                      | 33.5 x 33.5 x 40             | 2700                 |
| 6     | 19.05 | 60.4      | 56     | 56     | 52.5   | 6                      | 33.5 x 33.5 x 40             | 2700                 |
| 7     | 22.86 | 60.4      | 56     | 56     | 52.5   | 6                      | 33.5 x 33.5 x 40             | 2700                 |
| 8     | 26.67 | 60.4      | 56     | 56     | 52.5   | 6                      | 33.5 x 33.5 x 40             | 2700                 |
| 9     | 30.48 | 60.4      | 56     | 56     | 52.5   | 6                      | 33.5 x 33.5 x 40             | 2700                 |
| 10    | 34.29 | 76.4      | 72     | 72     | 68.5   | 5                      | 33.5 x 33.5 x 40             | 2250                 |
| 11    | 38.1  | 76.4      | 72     | 72     | 68.5   | 5                      | 33.5 x 33.5 x 40             | 2250                 |
| 12    | 41.91 | 76.4      | 72     | 72     | 68.5   | 5                      | 33.5 x 33.5 x 40             | 2250                 |

|                |      |      |    |                                                                                                                       |                                                                                                          |                                                                                                  |  |                   |
|----------------|------|------|----|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--|-------------------|
| RoHS Compliant |      |      |    | <div>PROJECTION:</div> <div></div> | <div>GENERAL TOLERANCE</div> <div>.X = <math>\pm</math> 0.2</div> <div>.XX = <math>\pm</math> 0.15</div> | <div></div> |  |                   |
| G              |      |      |    |                                                                                                                       |                                                                                                          |                                                                                                  |  |                   |
| F              |      |      |    |                                                                                                                       |                                                                                                          |                                                                                                  |  |                   |
| E              |      |      |    |                                                                                                                       |                                                                                                          |                                                                                                  |  |                   |
| D              |      |      |    | APPROVAL: RJ                                                                                                          | UNIT: MM                                                                                                 | DESCRIPTION: SERIE 7013B - 3.81MM HORIZONTAL PCB HEADER - THR TYPE WITH FLANGES                  |  | SIZE<br><b>A4</b> |
| C              |      |      |    |                                                                                                                       | SCALE:                                                                                                   |                                                                                                  |  |                   |
| B              |      |      |    |                                                                                                                       | SHEET: 2/2                                                                                               | WERI PART NO: 691 701 350 0xx B                                                                  |  |                   |
| A              |      |      |    |                                                                                                                       | DRAW: QUENTIN                                                                                            |                                                                                                  |  |                   |
| REV            | DATE | FILE | BY |                                                                                                                       |                                                                                                          |                                                                                                  |  |                   |