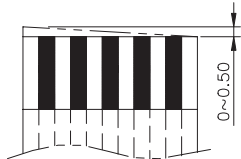
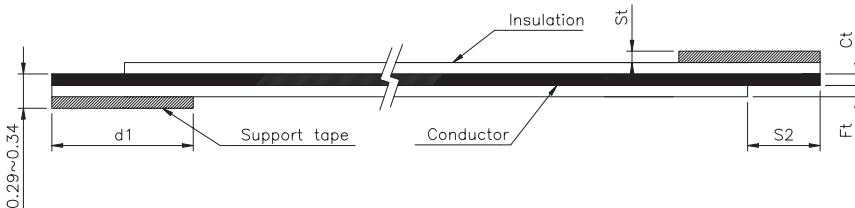
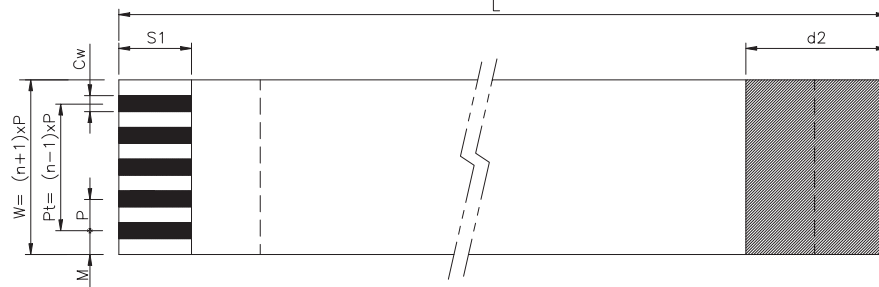


| 1                                                                                   | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3                                                                                                                                                                     | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5                            |     |       |         |        |        |        |        |         |         |   |       |       |   |       |       |    |       |       |           |                                                                         |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |           |    |     |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                   |                                                                                                               |  |                                                                                     |                                |               |          |                                                |   |   |        |                                                    |        |        |            |                               |         |         |             |        |              |              |              |     |      |       |     |     |      |      |       |       |   |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----|-------|---------|--------|--------|--------|--------|---------|---------|---|-------|-------|---|-------|-------|----|-------|-------|-----------|-------------------------------------------------------------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|----|-----|------|------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------|---------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--------------------------------|---------------|----------|------------------------------------------------|---|---|--------|----------------------------------------------------|--------|--------|------------|-------------------------------|---------|---------|-------------|--------|--------------|--------------|--------------|-----|------|-------|-----|-----|------|------|-------|-------|---|
|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                       | <p>TECHNICAL CHARACTERISTICS</p> <p>MATERIAL</p> <p>INSULATOR MATERIAL: PET (WHITE)</p> <p>SUPPORT TAPE: PET (BLUE)</p> <p>CONTACT MATERIAL: COPPER</p> <p>CONTACT PLATING: TIN</p> <p>QUALITY CLASS: 20 MATING CYCLES MIN.</p> <p>PITCH: 1.00 MM</p> <p>ENVIRONMENTAL</p> <p>OPERATING TEMPERATURE: -30°C UP TO 105°C</p> <p>HEAT RESISTANCE: 110°C x 96 HRS</p> <p>FLAMMABILITY RATING UL SUB.758</p> <p>MOISTURE RESISTANCE: 40°C, 95% RH x 96 HRS</p> <p>COMPLIANCE: LEAD FREE AND ROHS</p> <p>ELECTRICAL</p> <p>CURRENT RATING: 1.0 A MAX</p> <p>WORKING VOLTAGE: 60V</p> <p>INSULATION RESISTANCE: &gt;1000 MOHM/M (500 VDC)</p> <p>DIELECTRIC STRENGTH: 500 VAC/MN NO BREAKDOWN</p> <p>CONDUCTOR RESISTANCE: &lt;1.09 OHM/M</p> <p>CONTACT RESITANCE: &lt;20 mOHMS</p> <p>STANDARD</p> <p> CERTIFIED: E328849</p> <p>MECHANICAL</p> <p>ELONGATION OF INSULATOR: &gt; 60 %</p> <p>TENSIL STRENGHT OF INSULATION: &gt;3.5KG/MM²</p> <p>FLEXING TEST: 180° &gt;20 TIMES</p> <p>ABRASION: &gt;10000 TIMES</p> <p>PULL/OUT: &gt;20 TIMES</p> <p>PACKAGING</p> <p>BAG</p> <p>DIMENSION &amp; TOLERANCE</p> <p>W= (N+1) x P</p> <p>Pt=(N-1) x P</p> | A                            |     |       |         |        |        |        |        |         |         |   |       |       |   |       |       |    |       |       |           |                                                                         |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |           |    |     |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                   |                                                                                                               |  |                                                                                     |                                |               |          |                                                |   |   |        |                                                    |        |        |            |                               |         |         |             |        |              |              |              |     |      |       |     |     |      |      |       |       |   |
|                                                                                     |  <p>Tolerance of Cutting Tilt</p>                                                                                                                                                                                                                                                                                                                                                                                |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | B                            |     |       |         |        |        |        |        |         |         |   |       |       |   |       |       |    |       |       |           |                                                                         |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |           |    |     |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                   |                                                                                                               |  |                                                                                     |                                |               |          |                                                |   |   |        |                                                    |        |        |            |                               |         |         |             |        |              |              |              |     |      |       |     |     |      |      |       |       |   |
|                                                                                     | <p>TOLERANCE:</p> <table><tr><th>Abbr.</th><th colspan="2">TOLERANCE</th></tr><tr><td></td><td>P=0.5</td><td>P=1.0</td></tr><tr><td>P</td><td>±0.05</td><td>±0.08</td></tr><tr><td>Pt</td><td>±0.08</td><td>±0.10</td></tr><tr><td>W</td><td>±0.08</td><td>±0.10</td></tr><tr><td>M</td><td>±0.08</td><td>±0.12</td></tr><tr><td>Cw</td><td>±0.02</td><td>±0.03</td></tr><tr><td>L</td><td colspan="2">(30~100)±3, (101~300)±5, (301~600)±10,<br/>(Length more than 601mm)±15mm</td></tr></table> | Abbr.                                                                                                                                                                 | TOLERANCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |     | P=0.5 | P=1.0   | P      | ±0.05  | ±0.08  | Pt     | ±0.08   | ±0.10   | W | ±0.08 | ±0.10 | M | ±0.08 | ±0.12 | Cw | ±0.02 | ±0.03 | L         | (30~100)±3, (101~300)±5, (301~600)±10,<br>(Length more than 601mm)±15mm |    | <table><tr><th rowspan="2">No. of<br/>PIN</th><th colspan="13">Dimension</th></tr><tr><th>P</th><th>Pt</th><th>L</th><th>W</th><th>M</th><th>Cw</th><th>Ct±0.01</th><th>S1±1.0</th><th>S2±1.0</th><th>d1±2.0</th><th>d2±2.0</th><th>Ft±0.01</th><th>St±0.01</th></tr><tr><td>XX<br/>.....</td><td>1.0</td><td>(XX - 1) x P</td><td>LLL<br/>.....</td><td>(XX + 1) x P</td><td>1.0</td><td>0.70</td><td>0.035</td><td>5.0</td><td>5.0</td><td>10.0</td><td>10.0</td><td>0.043</td><td>0.225</td></tr></table> | No. of<br>PIN | Dimension |    |     |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                   |                                                                                                               |  |                                                                                     |                                | P             | Pt       | L                                              | W | M | Cw     | Ct±0.01                                            | S1±1.0 | S2±1.0 | d1±2.0     | d2±2.0                        | Ft±0.01 | St±0.01 | XX<br>..... | 1.0    | (XX - 1) x P | LLL<br>..... | (XX + 1) x P | 1.0 | 0.70 | 0.035 | 5.0 | 5.0 | 10.0 | 10.0 | 0.043 | 0.225 | C |
| Abbr.                                                                               | TOLERANCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |     |       |         |        |        |        |        |         |         |   |       |       |   |       |       |    |       |       |           |                                                                         |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |           |    |     |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                   |                                                                                                               |  |                                                                                     |                                |               |          |                                                |   |   |        |                                                    |        |        |            |                               |         |         |             |        |              |              |              |     |      |       |     |     |      |      |       |       |   |
|                                                                                     | P=0.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | P=1.0                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |     |       |         |        |        |        |        |         |         |   |       |       |   |       |       |    |       |       |           |                                                                         |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |           |    |     |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                   |                                                                                                               |  |                                                                                     |                                |               |          |                                                |   |   |        |                                                    |        |        |            |                               |         |         |             |        |              |              |              |     |      |       |     |     |      |      |       |       |   |
| P                                                                                   | ±0.05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ±0.08                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |     |       |         |        |        |        |        |         |         |   |       |       |   |       |       |    |       |       |           |                                                                         |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |           |    |     |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                   |                                                                                                               |  |                                                                                     |                                |               |          |                                                |   |   |        |                                                    |        |        |            |                               |         |         |             |        |              |              |              |     |      |       |     |     |      |      |       |       |   |
| Pt                                                                                  | ±0.08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ±0.10                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |     |       |         |        |        |        |        |         |         |   |       |       |   |       |       |    |       |       |           |                                                                         |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |           |    |     |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                   |                                                                                                               |  |                                                                                     |                                |               |          |                                                |   |   |        |                                                    |        |        |            |                               |         |         |             |        |              |              |              |     |      |       |     |     |      |      |       |       |   |
| W                                                                                   | ±0.08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ±0.10                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |     |       |         |        |        |        |        |         |         |   |       |       |   |       |       |    |       |       |           |                                                                         |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |           |    |     |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                   |                                                                                                               |  |                                                                                     |                                |               |          |                                                |   |   |        |                                                    |        |        |            |                               |         |         |             |        |              |              |              |     |      |       |     |     |      |      |       |       |   |
| M                                                                                   | ±0.08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ±0.12                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |     |       |         |        |        |        |        |         |         |   |       |       |   |       |       |    |       |       |           |                                                                         |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |           |    |     |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                   |                                                                                                               |  |                                                                                     |                                |               |          |                                                |   |   |        |                                                    |        |        |            |                               |         |         |             |        |              |              |              |     |      |       |     |     |      |      |       |       |   |
| Cw                                                                                  | ±0.02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ±0.03                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |     |       |         |        |        |        |        |         |         |   |       |       |   |       |       |    |       |       |           |                                                                         |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |           |    |     |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                   |                                                                                                               |  |                                                                                     |                                |               |          |                                                |   |   |        |                                                    |        |        |            |                               |         |         |             |        |              |              |              |     |      |       |     |     |      |      |       |       |   |
| L                                                                                   | (30~100)±3, (101~300)±5, (301~600)±10,<br>(Length more than 601mm)±15mm                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |     |       |         |        |        |        |        |         |         |   |       |       |   |       |       |    |       |       |           |                                                                         |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |           |    |     |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                   |                                                                                                               |  |                                                                                     |                                |               |          |                                                |   |   |        |                                                    |        |        |            |                               |         |         |             |        |              |              |              |     |      |       |     |     |      |      |       |       |   |
| No. of<br>PIN                                                                       | Dimension                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |     |       |         |        |        |        |        |         |         |   |       |       |   |       |       |    |       |       |           |                                                                         |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |           |    |     |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                   |                                                                                                               |  |                                                                                     |                                |               |          |                                                |   |   |        |                                                    |        |        |            |                               |         |         |             |        |              |              |              |     |      |       |     |     |      |      |       |       |   |
|                                                                                     | P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Pt                                                                                                                                                                    | L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | W                            | M   | Cw    | Ct±0.01 | S1±1.0 | S2±1.0 | d1±2.0 | d2±2.0 | Ft±0.01 | St±0.01 |   |       |       |   |       |       |    |       |       |           |                                                                         |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |           |    |     |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                   |                                                                                                               |  |                                                                                     |                                |               |          |                                                |   |   |        |                                                    |        |        |            |                               |         |         |             |        |              |              |              |     |      |       |     |     |      |      |       |       |   |
| XX<br>.....                                                                         | 1.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (XX - 1) x P                                                                                                                                                          | LLL<br>.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (XX + 1) x P                 | 1.0 | 0.70  | 0.035   | 5.0    | 5.0    | 10.0   | 10.0   | 0.043   | 0.225   |   |       |       |   |       |       |    |       |       |           |                                                                         |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |           |    |     |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                   |                                                                                                               |  |                                                                                     |                                |               |          |                                                |   |   |        |                                                    |        |        |            |                               |         |         |             |        |              |              |              |     |      |       |     |     |      |      |       |       |   |
|                                                                                     | <table><tr><th colspan="4">RoHS Compliant</th></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td>I</td><td>05-AUG-15</td><td>TEMPERATURE</td><td>AK</td></tr><tr><td>H</td><td>23-SEP-13</td><td>CT DIM</td><td>QL</td></tr><tr><td>REV</td><td>DATE</td><td>FILE</td><td>BY</td></tr></table>                                                      | RoHS Compliant                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |     |       |         |        |        |        |        |         |         |   |       |       |   |       |       |    |       | I     | 05-AUG-15 | TEMPERATURE                                                             | AK | H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 23-SEP-13     | CT DIM    | QL | REV | DATE | FILE | BY | <table><tr><td>PROJECTION:</td><td>GENERAL TOLERANCE</td><td colspan="2" rowspan="2"><p>WÜRTH ELEKTRONIK</p></td></tr><tr><td></td><td>.X = +/_ 0.2<br/>.XX = +/_ 0.15</td></tr><tr><td>APPROVAL: GMo</td><td>UNIT: MM</td><td colspan="2">DESCRIPTION: 1.00MM FLAT FLEXIBLE CABLE TYPE 2</td></tr><tr><td></td><td>SCALE:</td><td colspan="2">XX NB OF PIN: ..... / LLL OVERALL LENGTH: ..... MM</td></tr><tr><td></td><td>SHEET: 1/2</td><td colspan="2">WERI PART NO: 686 7 ..... 001</td></tr><tr><td></td><td>DRAW: CH</td><td colspan="2">XX LLL</td></tr></table> | PROJECTION: | GENERAL TOLERANCE |  <p>WÜRTH ELEKTRONIK</p> |  |  | .X = +/_ 0.2<br>.XX = +/_ 0.15 | APPROVAL: GMo | UNIT: MM | DESCRIPTION: 1.00MM FLAT FLEXIBLE CABLE TYPE 2 |   |   | SCALE: | XX NB OF PIN: ..... / LLL OVERALL LENGTH: ..... MM |        |        | SHEET: 1/2 | WERI PART NO: 686 7 ..... 001 |         |         | DRAW: CH    | XX LLL |              | D            |              |     |      |       |     |     |      |      |       |       |   |
| RoHS Compliant                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |     |       |         |        |        |        |        |         |         |   |       |       |   |       |       |    |       |       |           |                                                                         |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |           |    |     |      |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                   |                                                                                                               |  |                                                                                     |                                |               |          |                                                |   |   |        |                                                    |        |        |            |                               |         |         |             |        |              |              |              |     |      |       |     |     |      |      |       |       |   |
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