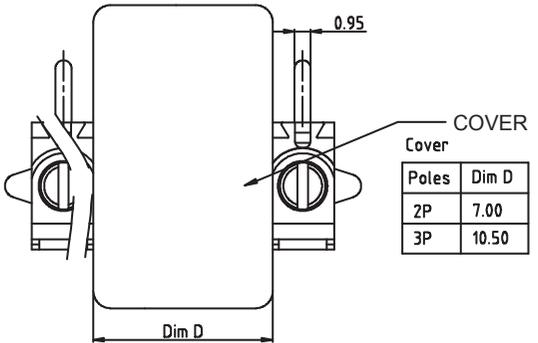
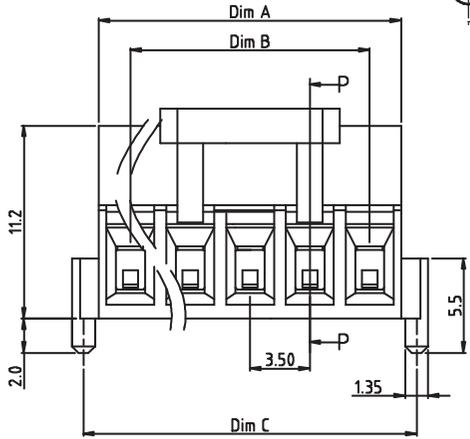


SECTION P-P



TECHNICAL CHARACTERISTICS

MATERIAL  
 INSULATOR: LCP  
 FLAMABILITY RATING: UL94-V0  
 COLOR: BLACK  
 METAL HOUSING: BRASS (CuZn)  
 TERMINAL SCREW: STEEL ZINC PLATING "-" SLOT TYPE  
 WIRE GUARD: BRASS, TIN PLATED  
 SURFACE OF SOLDER TAIL PLATING: TIN

ENVIRONMENTAL  
 OPERATING TEMPERATURE: -40 UP TO 130°C  
 COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL  
 CURRENT RATING: 10 A  
 WORKING VOLTAGE: 300 VAC  
 WITHSTANDING VOLTAGE: 1.6KV  
 CONTACT RESISTANCE: 20 mOhm MAX

STANDARD  
 CERTIFIED E315414

MECHANICAL  
 SOLID WIRE: 16-30 AWG / 0.05-2.0MM<sup>2</sup>  
 STRANDED WIRE: 16-30 AWG / 0.05-2.0MM<sup>2</sup>  
 TORQUE: 1.7 Lb.In / 0.2Nm

WIRE STRIPE LENGTH: 4-5mm  
 SCREW: M2.0  
 PITCH: 3.50 mm

SOLDERING:  
 JEDEC LEAD FREE REFLOW SOLDERING PROCESS

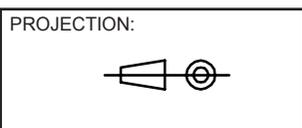
PACKAGING: TAPE & REEL WITH CAP

SERIE 5081

DIMENSION

|       |             |
|-------|-------------|
| Dim A | NX3.50+0.20 |
| Dim B | (N-1)X3.50  |
| Dim C | NX3.50+2.0  |

| RoHS Compliant |           |            |    |
|----------------|-----------|------------|----|
| G              |           |            |    |
| F              |           |            |    |
| E              |           |            |    |
| D              |           |            |    |
| C              |           |            |    |
| B              | 18-NOV-14 | DIMENSIONS | AS |
| A              | 23-JUL-14 | PDF        | AS |
| REV            | DATE      | FILE       | BY |



GENERAL TOLERANCE  
 .X = +/- 0.2  
 .XX = +/- 0.15



APPROVAL: FBr

UNIT: MM  
 SCALE:  
 SHEET: 1/3  
 DRAW: AS

DESCRIPTION: SERIE 5081 - 3.50MM HORIZONTAL ENTRY SMT  
 PRESSURE CLAMP WR-TBL  
 WERI PART NO: 691 508 110 3xx

SIZE  
**A4**

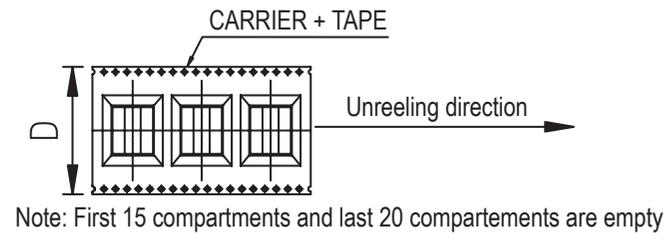
1

2

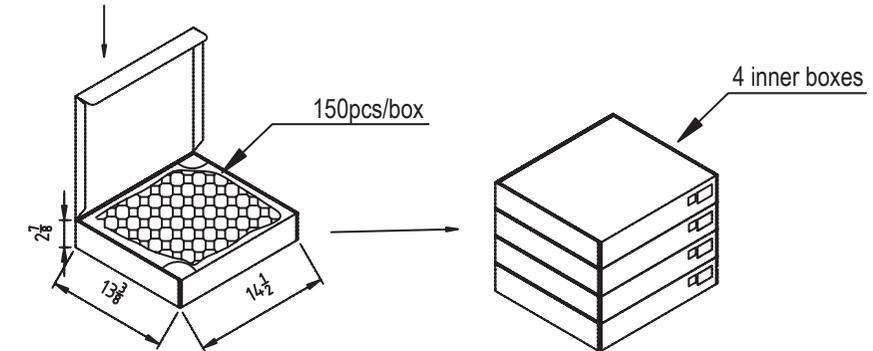
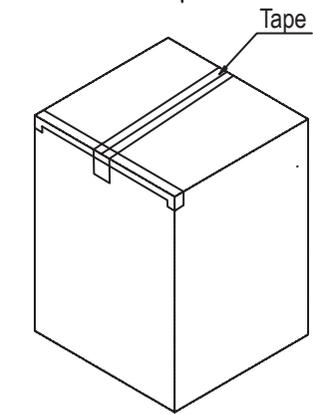
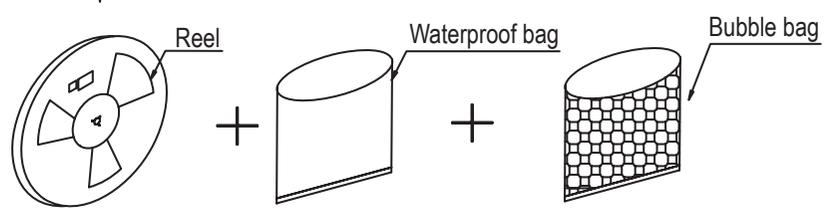
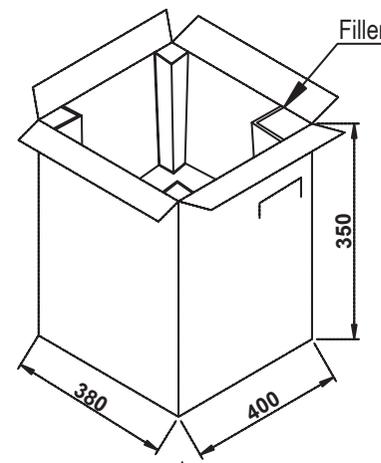
3

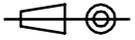
4

5



| Pole      | Dimension D |
|-----------|-------------|
| 2,3pole   | 32+/-0.3mm  |
| 4,6pole   | 44+/-0.3mm  |
| 5,7,8Pole | 56+/-0.3mm  |



|                |           |      |    |  |   |   |  |                   |
|----------------|-----------|------|----|--|---|---|--|-------------------|
| RoHS Compliant |           |      |    | PROJECTION:<br> | GENERAL TOLERANCE<br>.X = +/- 0.2<br>.XX = +/- 0.15 |  | DESCRIPTION: SERIE 5081 - 3.50MM HORIZONTAL ENTRY SMT<br>PRESSURE CLAMP WR-TBL | SIZE<br><b>A4</b> |
| G              |           |      |    |  |   |   |  |                   |
| F              |           |      |    |  |   |   |  |                   |
| E              |           |      |    |  |   |   |  |                   |
| D              |           |      |    | APPROVAL: FBr  | UNIT: MM<br>SCALE:<br>SHEET: 2/3<br>DRAW: AS        | WERI PART NO: 691 508 110 3xx   |  |                   |
| C              |           |      |    |  |   |   |  |                   |
| B              |           |      |    |  |   |   |  |                   |
| A              | 23-JUL-13 | PDF  | AS |  |   |   |  |                   |
| REV            | DATE      | FILE | BY |  |   |   |  |                   |

A

B

C

D

1

2

3

4

5

## Cautions and Warnings:

This electronic component is designed and developed with the intention for use in general electronics equipments.

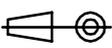
Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and reliability are especially required or if there is possibility of direct damage or injury to human body, Würth Elektronik must be asked for a written approval.

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

A

B

C

|                |           |      |    |  |   |   |                         |                   |
|----------------|-----------|------|----|--|---|---|-------------------------|-------------------|
| RoHS Compliant |           |      |    | PROJECTION:<br> | GENERAL TOLERANCE<br>.X = +/- 0.2<br>.XX = +/- 0.15 |  | DESCRIPTION: DISCLAIMER | SIZE<br><b>A4</b> |
| G              |           |      |    |  |   |   |                         |                   |
| F              |           |      |    |  |   |   |                         |                   |
| E              |           |      |    |  |   |   |                         |                   |
| D              |           |      |    |  |   |   |                         |                   |
| C              |           |      |    | APPROVAL: JC   | UNIT: MM  | WERI PART NO: DISCLAIMER  | SIZE<br><b>A4</b>       |                   |
| B              |           |      |    | SCALE:   |   |   |                         |                   |
| A              | 10-SEP-14 | PDF  | QL | SHEET: 3/3   |   |   |                         |                   |
| REV            | DATE      | FILE | BY | DRAW: QL   |   |   |                         |                   |

D