

1

2

3

4

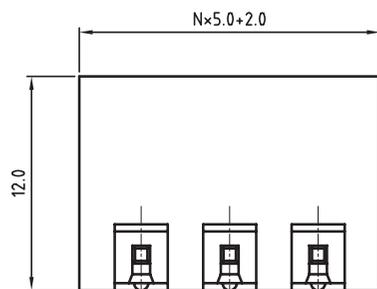
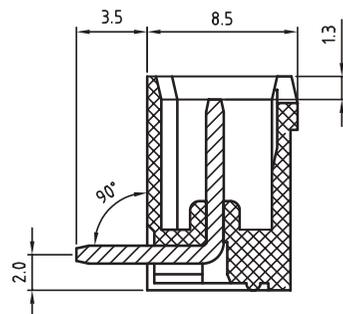
5

A

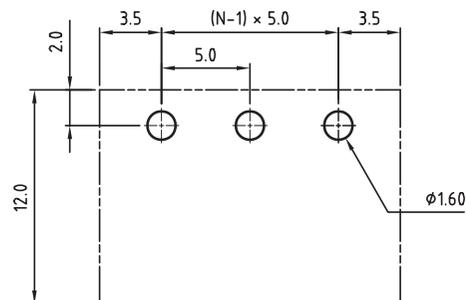
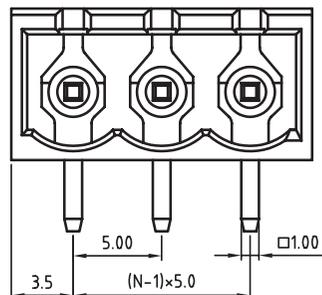
B

C

D



N = Number of contacts



PCB LAYOUT - COMPONENT VIEW

## TECHNICAL CHARACTERISTICS

MATERIAL  
 INSULATOR: PBT  
 FLAMABILITY RATING: UL94-V0  
 COLOR: GREEN  
 CONTACT: BRASS  
 SOLDER TAIL PLATING: TIN

ENVIRONMENTAL  
 OPERATING TEMPERATURE: -40 UP TO 105°C  
 COMPLIANCE: LEAD FREE AND ROHS

|                         |                           |        |
|-------------------------|---------------------------|--------|
| ELECTRICAL              | cULus                     | VDE    |
| CURRENT RATING:         | 20A                       | 20A    |
| WORKING VOLTAGE:        | 300VAC                    | 300VAC |
| WITHSTANDING VOLTAGE:   | 1.6KV                     | 2.5KV  |
| CONTACT RESISTANCE:     | 20 mOhm max               |        |
| MEASURED SHOCK VOLTAGE: | 4KV AS PER DIN EN 60664-1 |        |

MECHANICAL  
 STANDARD  
 RoHS CERTIFIED E315414  
 REACH CERTIFIED 40023195

PITCH: 5.00 MM

SOLDERING  
 JEDEC LEAD FREE WAVE PROCESS ONLY

PACKAGING  
 BOX

RoHS Compliant

|     |           |            |    |
|-----|-----------|------------|----|
| G   |           |            |    |
| F   |           |            |    |
| E   | 30-NOV-17 | LENGTH PIN | AK |
| D   | 26-APR-12 | CUT VIEW   | GG |
| C   | 13-OCT-09 | STANDARD   | JP |
| B   | 05-MAR-09 | ELECTRICAL | JP |
| A   | 04-NOV-08 | PDF        | JP |
| REV | DATE      | FILE       | BY |

PROJECTION:



APPROVAL: FBr

GENERAL TOLERANCE

.X = +/- 0.2

.XX = +/- 0.15



UNIT: MM

SCALE:

SHEET: 1/2

DRAW: MARVIN

DESCRIPTION: SERIE 3137 - 5.00MM CLOSE HORIZONTAL PCB HEADER  
 WR-TBL

WERI PART NO: 691 313 710 0xx

SIZE

A4

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:



GENERAL TOLERANCE

.X = +/- 0.2

.XX = +/- 0.15



APPROVAL: JC

UNIT: MM

SCALE:

SHEET: 2/2

DRAW: QL

DESCRIPTION: DISCLAIMER

WERI PART NO: DISCLAIMER

SIZE

**A4**

D

|     |           |      |    |  |   |   |                   |
|-----|-----------|------|----|--|---|---|-------------------|
| G   |           |      |    | PROJECTION:<br> | GENERAL TOLERANCE<br>.X = +/- 0.2<br>.XX = +/- 0.15 |  |                   |
| F   |           |      |    |  |   |   |                   |
| E   |           |      |    |  |   |   |                   |
| D   |           |      |    |  |   |   |                   |
| C   |           |      |    | APPROVAL: JC   | UNIT: MM<br>SCALE:<br>SHEET: 2/2<br>DRAW: QL        | DESCRIPTION: DISCLAIMER   |                   |
| B   |           |      |    |  |   |   |                   |
| A   | 10-SEP-14 | PDF  | QL |  |   | WERI PART NO: DISCLAIMER  | SIZE<br><b>A4</b> |
| REV | DATE      | FILE | BY |  |   |   |                   |