

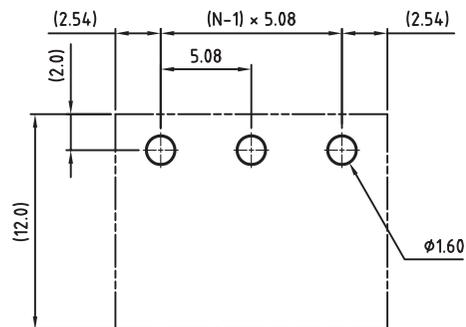
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PCB LAYOUT - COMPONENT VIEW

TECHNICAL CHARACTERISTICS

MATERIAL
 INSULATOR: PA 66
 FLAMABILITY RATING: UL94-V0
 COLOR: GREEN
 CONTACT PIN: BRASS (CuZn)
 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 | |

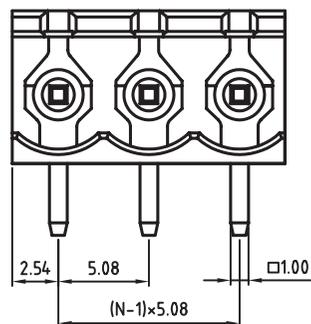
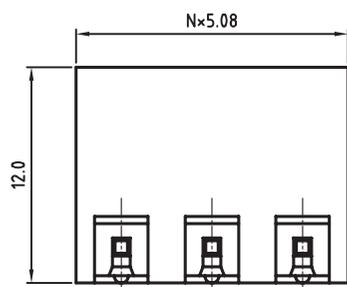
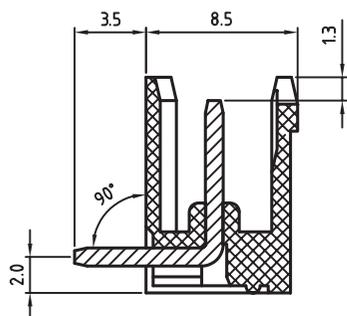
MECHANICAL
 PITCH: 5.08MM

SOLDERING: WAVE PROCESS ONLY

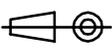
PACKAGING: BOX

SERIE 312

CERTIFICATION



RoHS Compliant

| | | | | | | | | |
|-----|-----------|-----------------|----|--|---|---|--|-------------------|
| G | | | | PROJECTION:  | GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15 |  | DESCRIPTION: SERIE 312 - 5.08MM OPEN HORIZONTAL PCB HEADER WR-TBL | SIZE A4 |
| F | | | | | | | | |
| E | | | | | | | | |
| D | | | | | | | | |
| C | 23-OCT-14 | MATERIAL | AS | APPROVAL: FBr | UNIT: MM | WERI PART NO: 691 312 510 0xx | | |
| B | 29-OCT-08 | CHARACTERISTICS | JP | | SCALE: | | | |
| A | 31-OCT-07 | PDF | EC | | SHEET: 1/2 | | | |
| REV | DATE | FILE | BY | | DRAW: AS | | | |

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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.

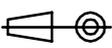
In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

A

B

C

RoHS Compliant

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

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