

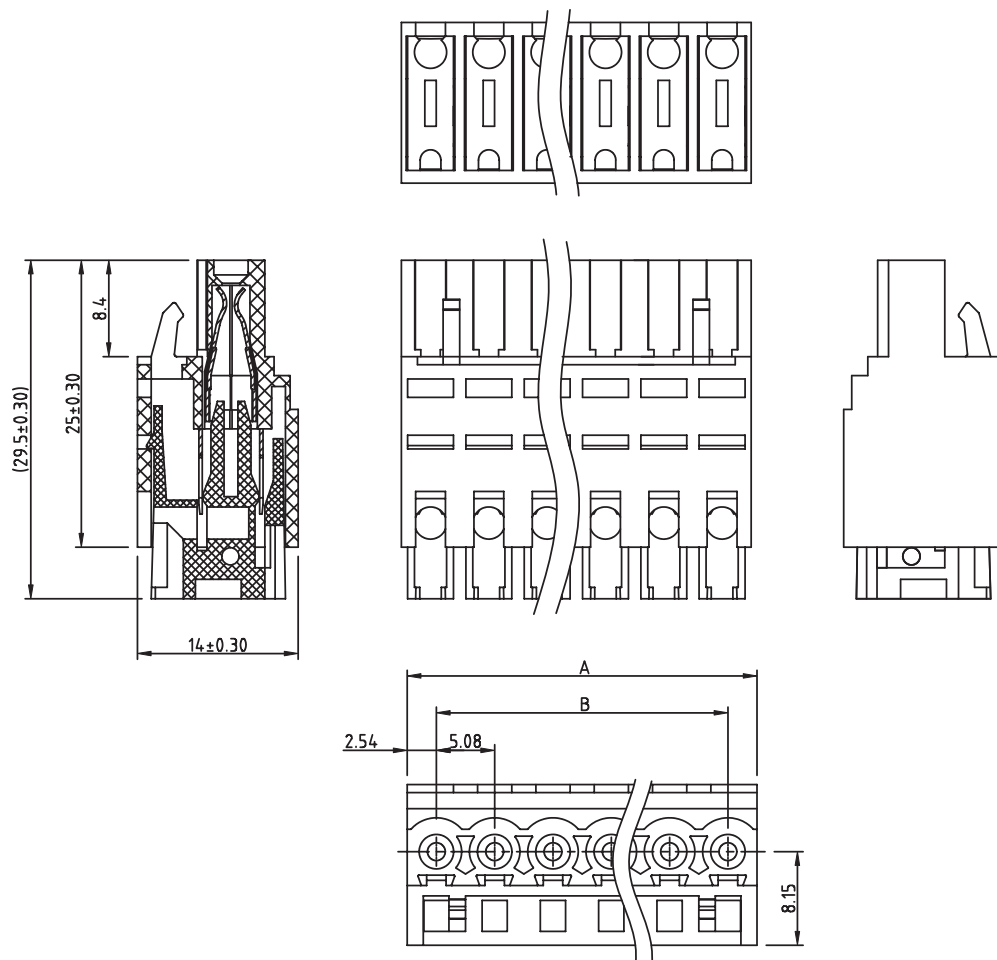
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#### TECHNICAL CHARACTERISTICS

MATERIAL  
 INSULATOR: PA 66  
 FLAMMABILITY RATING: UL94-V0  
 COLOR: GREEN & ORANGE  
 CONTACT MATERIAL: COPPER ALLOY  
 CONTACT PLATING: TIN  
 CONTACT TYPE: STAMPED

ENVIRONMENTAL  
 OPERATING TEMPERATURE: -40 UP TO 115°C  
 COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL  
 CURRENT RATING: 7A  
 WORKING VOLTAGE: 300VAC  
 WITHSTANDING VOLTAGE: 1.6KV  
 CONTACT RESISTANCE: 20 mOhm max

STANDARD  
 cULus CERTIFIED E315414

MECHANICAL  
 SOLID WIRE: 22-18 AWG / 0.326-0.823 MM<sup>2</sup>  
 STRANDED WIRE: 22-18 AWG / 0.326-0.823 MM<sup>2</sup>

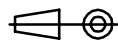
PITCH: 5.08 MM

PACKAGING:  
 BOX

DIMENSION:  
 A = 5.08 x NB PINS  
 B = 5.08 x (NB PINS -1)

RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

.X =  $\pm 0.2$

.XX =  $\pm 0.15$



APPROVAL: FBr

UNIT: MM

SCALE:

SHEET: 1/2

DRAW: AK

DESCRIPTION: SERIE 3587 - 5.08 MM IDC PLUG VERTICAL ENTRY

WERI PART NO: 691 358 710 0xx

SIZE

**A4**

|     |           |      |    |  |  |  |  |
|-----|-----------|------|----|--|--|--|--|
| G   |           |      |    |  |  |  |  |
| F   |           |      |    |  |  |  |  |
| E   |           |      |    |  |  |  |  |
| D   |           |      |    |  |  |  |  |
| C   |           |      |    |  |  |  |  |
| B   |           |      |    |  |  |  |  |
| A   | 08-JUN-15 | PDF  | AK |  |  |  |  |
| REV | DATE      | FILE | BY |  |  |  |  |

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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:<br> | GENERAL TOLERANCE<br>.X = +/- 0.2<br>.XX = +/- 0.15 |  |                   |
| F   |           |      |    |  |   |   |                   |
| E   |           |      |    |  |   |   |                   |
| D   |           |      |    |  |   |   |                   |
| C   |           |      |    | APPROVAL: JC   | UNIT: MM  | DESCRIPTION: DISCLAIMER   | SIZE<br><b>A4</b> |
| 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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