

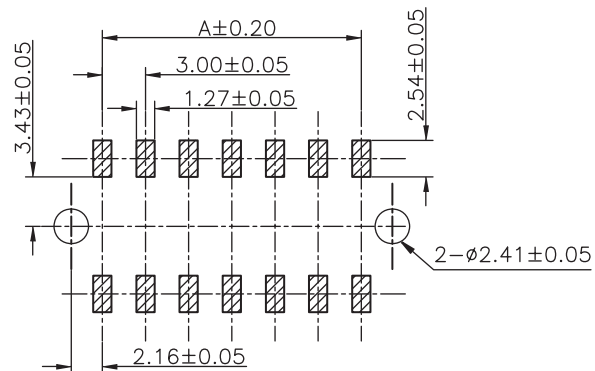
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PCB LAYOUT - COMPONENT VIEW

## TECHNICAL CHARACTERISTICS

MATERIAL  
 INSULATOR: LCP  
 FLAMMABILITY RATING: UL94-V0  
 COLOR: BLACK  
 CONTACT MATERIAL: COPPER ALLOY  
 CONTACT TYPE: STAMPED  
 CONTACT PLATING: TIN  
 QUALITY CLASS: 25 MATING CYCLES  
 PITCH: 3.00MM

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

ELECTRICAL  
 CURRENT RATING: 5A  
 WORKING VOLTAGE: 250V AC  
 INSULATOR RESISTANCE: >1000 MOHM  
 DIELECTRIC WITHSTANDING VOLTAGE: 1500V AC/MN  
 CONTACT RESISTANCE: 10 mOHM MAX

## STANDARD

CERTIFIED: E323964

## SOLDERING

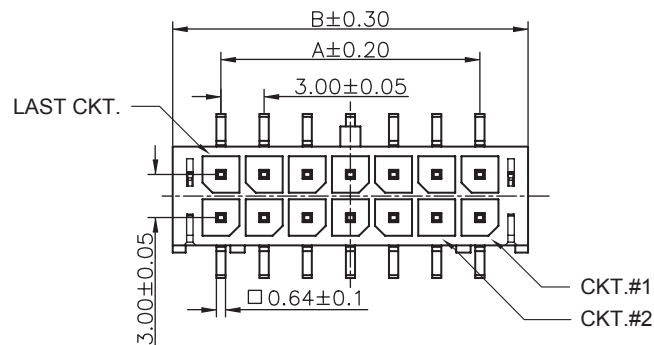
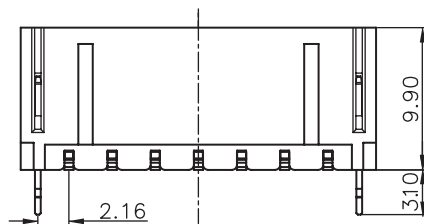
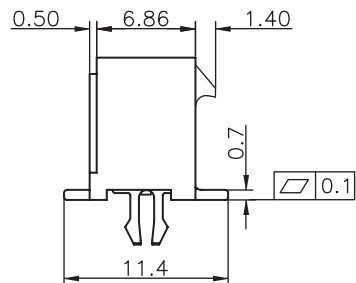
JEDEC LEAD FREE REFLOW SOLDERING PROCESS

## PACKAGING

TUBE

## DIMENSION

A = 3.00 x (NB. PIN / 2 - 1)  
 B = 3.00 x (NB. PIN / 2 + 1) + 0.70



RoHS Compliant

| REV | DATE      | FILE        | BY | PROJECTION: | GENERAL TOLERANCE |  | DESCRIPTION: 3.00MM MALE DUAL ROW SMT VERTICAL HEADER WITH THT METAL CLIP<br>WERI PART NO: 662 0xx 235 922 | SIZE<br><b>A4</b> |  |
|-----|-----------|-------------|----|-------------|-------------------|--|--|-------------------|--|
| M   | 05-JUL-17 | CORRECTION  | AK |             | .X = +/- 0.2      |  |  |                   | UNIT: MM<br>SCALE:<br>SHEET: 1/3<br>DRAW: JACK |
| L   | 22-MAR-16 | TPK         | AK |             | .XX = +/- 0.15    |  |  |                   |  |
| K   | 07-MAR-16 | COPLANARITY | AK |             |                   |  |  |                   |  |
| J   | 02-JUL-15 | PINNING     | AK |             |                   |  |  |                   |  |
| I   | 08-AUG-14 | DIM.+VIEWS  | AS |             |                   |  |  |                   |  |
| H   | 30-JUL-13 | PACKAGING   | QL |             |                   |  |  |                   |  |
| REV | DATE      | FILE        | BY |             |                   |  |  |                   |  |

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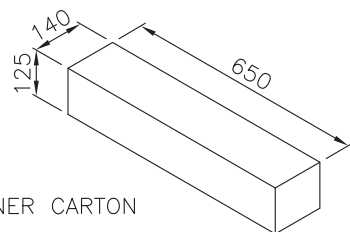
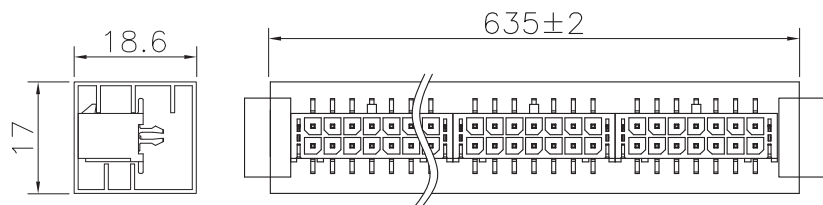
5

A

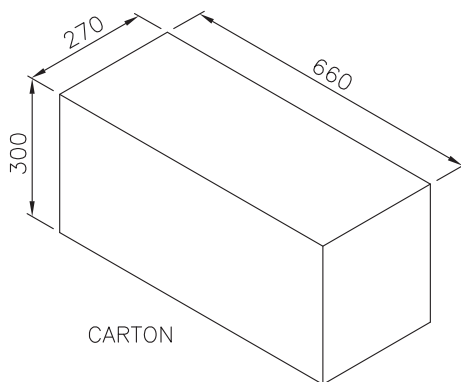
B

C

D



INNER CARTON



CARTON

| CIRCUITS | PCS/Tube | Tube/Carton | PCS/Carton | PCS/Carton2 |
|----------|----------|-------------|------------|-------------|
| 02       | 91       | 42          | 3822       | 15288       |
| 04       | 63       | 42          | 2646       | 10584       |
| 06       | 48       | 42          | 2016       | 8064        |
| 08       | 38       | 42          | 1596       | 6384        |
| 10       | 32       | 42          | 1344       | 5376        |
| 12       | 28       | 42          | 1176       | 4704        |
| 14       | 24       | 42          | 1008       | 4032        |
| 16       | 22       | 42          | 924        | 3696        |
| 18       | 20       | 42          | 840        | 3360        |
| 20       | 18       | 42          | 756        | 3024        |
| 22       | 16       | 42          | 672        | 2688        |
| 24       | 15       | 42          | 630        | 2520        |

RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

.X =  $\pm 0.2$ .XX =  $\pm 0.15$ 

APPROVAL: BBu

UNIT: MM

SCALE:

SHEET: 2/3

DRAW: QP

DESCRIPTION: 3.00MM MALE DUAL ROW SMT VERTICAL HEADER WITH THT METAL CLIP

WERI PART NO: 662 0xx 235 922

SIZE

**A4**

|     |      |      |    |
|-----|------|------|----|
| G   |      |      |    |
| F   |      |      |    |
| E   |      |      |    |
| D   |      |      |    |
| C   |      |      |    |
| B   |      |      |    |
| A   |      |      |    |
| 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: 3/3  | WERI PART NO: DISCLAIMER  |                   |
| REV | DATE      | FILE | BY |  | DRAW: QL  |   |                   |

D

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