

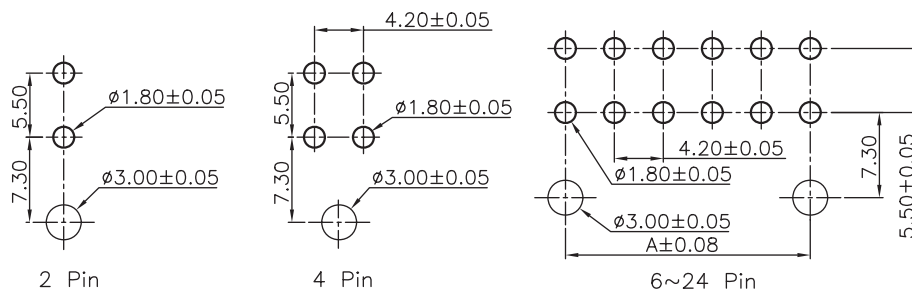
1

2

3

4

5



PCB LAYOUT - COMPONENT VIEW

TECHNICAL CHARACTERISTICS

MATERIAL
 INSULATOR: NYLON 66
 FLAMABILITY RATING: UL94-V0
 COLOR: WHITE
 CONTACT MATERIAL: TIN OVER NICKEL
 CONTACT TYPE: STAMPED
 CONTACT PLATING: TIN
 QUALITY CLASS: 25 MATING CYCLES
 PITCH: 4.20 MM

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

ELECTRICAL
 CURRENT RATING: 6 TO 9 A

| | | | | |
|-------------|-----|-----|------|-------|
| NB CIRCUITS | 2-3 | 4-6 | 7-10 | 12-24 |
| AMPERES | 9 | 8 | 7 | 6 |

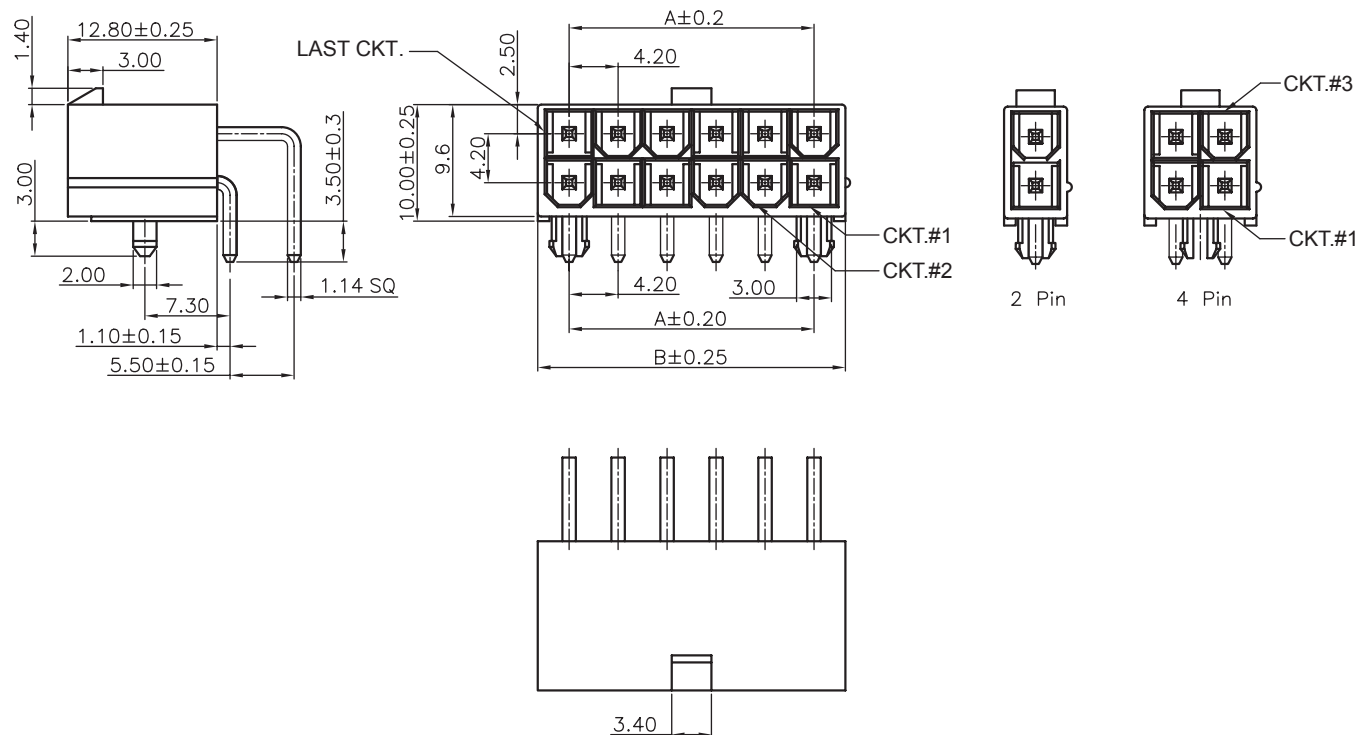
WORKING VOLTAGE: 600 VAC
 INSULATOR RESISTANCE: >1000 MOHM
 DIELECTRIC WITHSTANDING VOLTAGE: 1500 VAC/MN
 CONTACT RESISTANCE: 10 MOHM MAX

STANDARD
 CERTIFIED: E323964

SOLDERING
 JEDEC LEAD FREE WAVE SOLDERING PROCESS

PACKAGING
 TRAY

DIMENSION
 A = 4.20 x (NB. PIN / 2 - 1)
 B = 4.20 x (NB. PIN / 2) + 1.30



RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

.X = ± 0.2 .XX = ± 0.15 

| | | | |
|-----|-----------|-------------|----|
| K | 01-JUL-15 | PINNING | AK |
| J | 26-SEP-14 | DRAWING | AS |
| I | 13-FEB-14 | CORRECTIONS | QL |
| H | 10-AUG-11 | CONTACT | GG |
| REV | DATE | FILE | BY |

APPROVAL: BBu

UNIT: MM

SCALE:

SHEET: 1/3

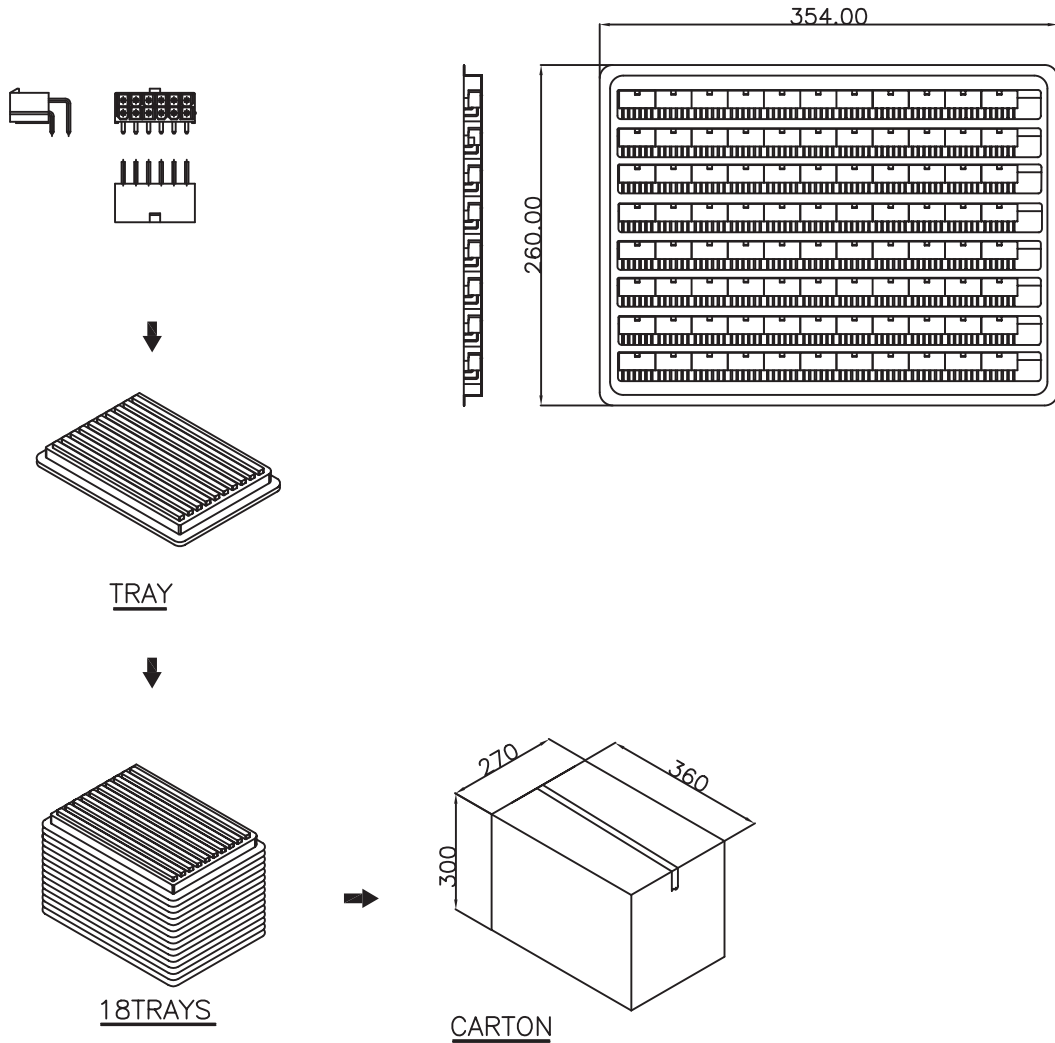
DRAW: AS

DESCRIPTION: WR-MPC4 - 4.20MM MALE DUAL ROW RIGHT ANGLE
 HEADER WITH MOUNTING PEGS

WERI PART NO: 649 0xx 227 222

SIZE

A4



Note:
 1.Dimension:
 Tray Size:354(L)x260(W)x20(H) (mm)
 Carton Size:360(L)x270(W)x300(H) (mm)
 2.Quantity:
 18 Tray/Carton

| Pin | PCS/Tray | Tray/Carton | PCS/Carton |
|-----|----------|-------------|------------|
| 2 | 440 | 18 | 7920 |
| 4 | 256 | 18 | 4608 |
| 6 | 176 | 18 | 3168 |
| 8 | 136 | 18 | 2448 |
| 10 | 112 | 18 | 2016 |
| 12 | 88 | 18 | 1584 |
| 14 | 80 | 18 | 1440 |
| 16 | 72 | 18 | 1296 |
| 18 | 64 | 18 | 1152 |
| 20 | 56 | 18 | 1008 |
| 22 | 48 | 18 | 864 |
| 24 | 48 | 18 | 864 |

| | | | | | | | |
|----------------|------|------|----|-----------------|---|---|-------------------------------|
| RoHS Compliant | | | | PROJECTION: | GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15 | | |
| G | | | | | | | |
| F | | | | | | | |
| E | | | | | | | |
| D | | | | APPROVAL: BBu | UNIT: MM | DESCRIPTION: 4.20MM MALE DUAL ROW RIGHT ANGLE HEADER WITH MOUNTING PEGS | |
| C | | | | | SCALE: | | |
| B | | | | | SHEET: 2/3 | | WERI PART NO: 649 0xx 227 222 |
| A | | | | | DRAW: PEARL | | |
| REV | DATE | FILE | BY | | | 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.

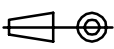

Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and 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 |  WÜRTH ELEKTRONIK | DESCRIPTION: DISCLAIMER | SIZE A4 |
| G | | | | | | | | |
| F | | | | | | | | |
| E | | | | | | | | |
| D | | | | | | | | |
| C | | | | APPROVAL: JC | UNIT: MM | WERI PART NO: DISCLAIMER | SIZE A4 | |
| B | | | | SCALE: | | | | |
| A | 10-SEP-14 | PDF | QL | SHEET: 3/3 | | | | |
| REV | DATE | FILE | BY | DRAW: QL | | | | |

D