

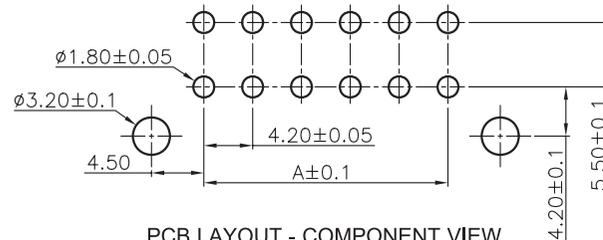
1

2

3

4

5



PCB LAYOUT - COMPONENT VIEW

TECHNICAL CHARACTERISTICS

MATERIAL
 INSULATOR: NYLON 66
 FLAMABILITY RATING: UL94-V0
 COLOR: WHITE
 CONTACT MATERIAL: COPPER ALLOY
 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

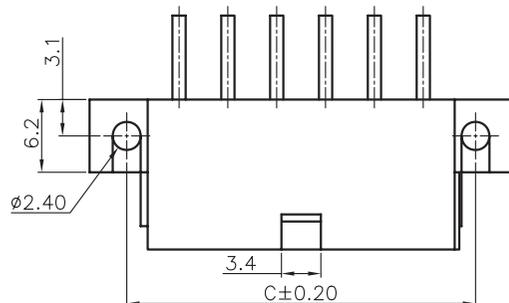
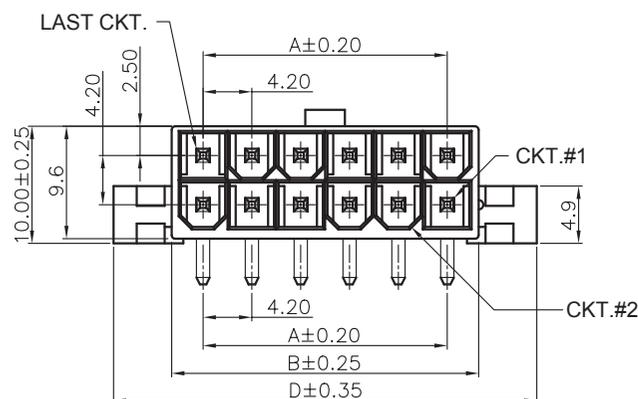
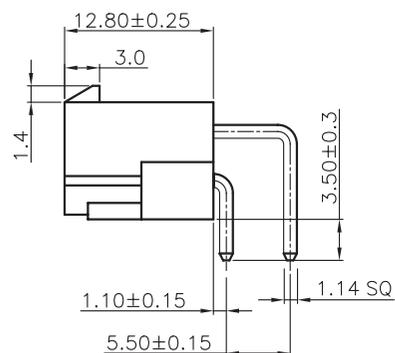
WORKING VOLTAGE: 600 VAC
 INSULATOR RESISTANCE: >1000 MOHM
 DIELECTRIC WITHSTANDING VOLTAGE: 1500 VAC/MN
 CONTACT RESISTANCE: 10 MOHM MAX

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) + 1.20
 C = A + 9.00
 D = A + 15.40



RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

.X = ± 0.2 .XX = ± 0.15 

APPROVAL: BBu

UNIT: MM

SCALE:

SHEET: 1/3

DRAW: MIKE

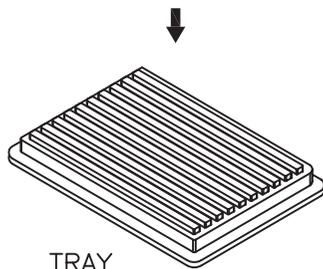
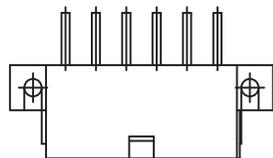
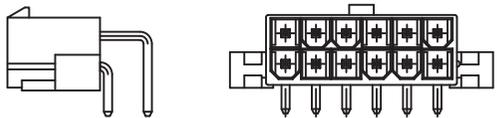
DESCRIPTION: 4.20MM MALE DUAL ROW RIGHT ANGLE HEADER WITH MOUNTING FLANGES

WERI PART NO: 649 0xx 210 22

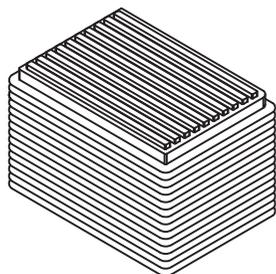
SIZE

A4

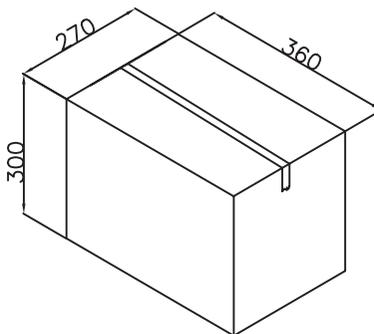
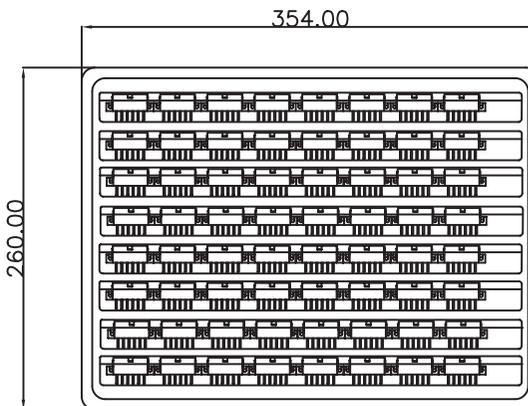
J			
I	01-JUL-15	PINNING	AK
H	13-FEB-14	CORRECTIONS	QL
REV	DATE	FILE	BY



TRAY



18TRAYS



CARTON

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	168	18	3024
4	128	18	2304
6	104	18	1872
8	88	18	1584
10	80	18	1440
12	64	18	1152
14	56	18	1008
16	56	18	1008
18	48	18	864
20	48	18	864
22	40	18	720
24	40	18	720

RoHS Compliant

G			
F			
E			
D			
C			
B			
A			
REV	DATE	FILE	BY

PROJECTION:


GENERAL TOLERANCE
 .X = +/- 0.2
 .XX = +/- 0.15



APPROVAL: BBU

UNIT: MM
 SCALE:
 SHEET: 2/3
 DRAW: PEARL

DESCRIPTION: 4.20MM MALE DUAL ROW RIGHT ANGLE HEADER WITH MOUNTING FLANGES
 WERI PART NO: 649 0xx 210 22

SIZE
A4

1

2

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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.

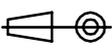
In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

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: 3/3	WERI PART NO: DISCLAIMER	
REV	DATE	FILE	BY		DRAW: QL		

D