

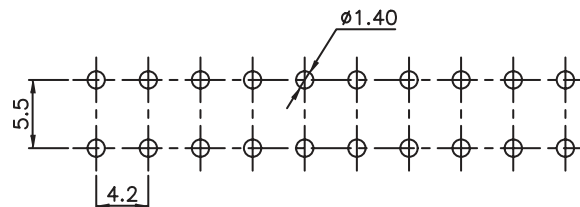
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2

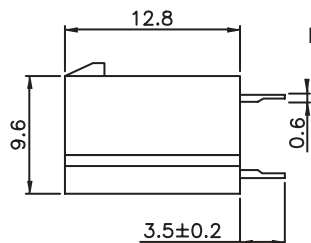
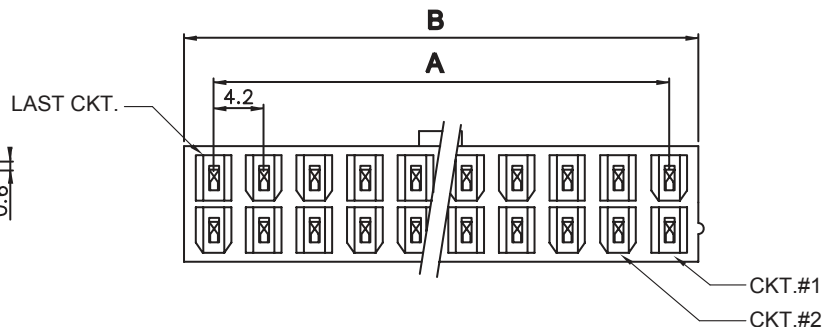
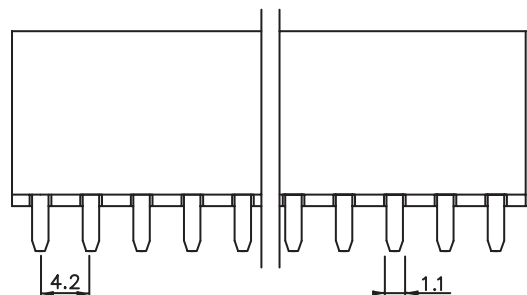
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4

5



PCB LAYOUT - COMPONENT VIEW



## TECHNICAL CHARACTERISTICS

MATERIAL  
 INSULATOR: NYLON 66  
 FLAMMABILITY RATING: UL94-V0  
 COLOR: WHITE  
 CONTACT MATERIAL: COPPER ALLOY  
 CONTACT TYPE: STAMPED  
 CONTACT PLATING: TIN OVER NICKEL  
 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 mΩ 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 =  $\pm 0.2$ .XX =  $\pm 0.15$ 

K	09-MAY-17	TPK	AK
J	01-JUL-15	PINNING	AK
I	25-SEP-14	DRAWING	AS
H	08-SEP-14	CONTACT R.	AS
REV	DATE	FILE	BY

APPROVAL: BBu

UNIT: MM

SCALE:

SHEET: 1/3

DRAW: AS

DESCRIPTION: 4.20MM MALE DUAL ROW VERTICAL HEADER

WERI PART NO: 649 0xx 211 22

SIZE

A4

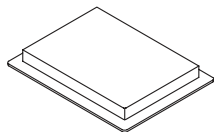
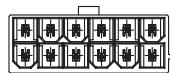
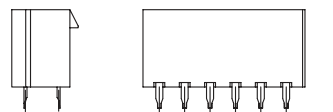
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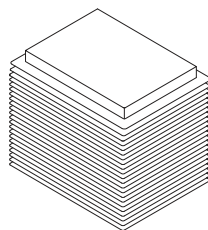
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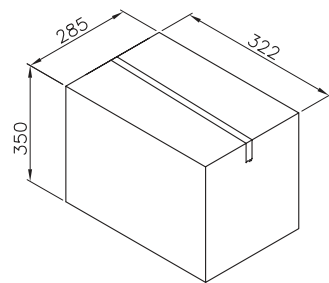
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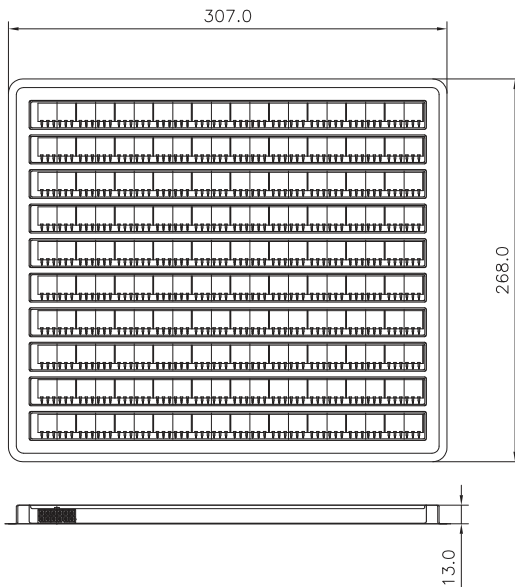
TRAY



30TRAYS



CARTON



NOTE:

1.DIMENSION

TRAY SIZE: 307(L)x268(W)x13(H) (mm)

CARTON SIZE: 322(L)x285(W)x350(H) (mm)

2.QUANTITY

Pin.	Pcs/Tray	Tray/Carton	Pcs/Carton
2	470	30	14100
4	270	30	8100
6	190	30	5700
8	140	30	4200
10	120	30	3600
12	100	30	3000
14	80	30	2400
16	70	30	2100
18	60	30	1800
20	60	30	1800
22	50	30	1500
24	50	30	1500

A

B

C

D

RoHS Compliant

G			
F			
E			
D			
C			
B			
A			
REV	DATE	FILE	BY

PROJECTION:

APPROVAL: BBu

GENERAL TOLERANCE

.X = +/- 0.2

.XX = +/- 0.15

UNIT: MM

SCALE:

SHEET: 2/3

DRAW: PEARL



DESCRIPTION: 4.20MM MALE DUAL ROW VERTICAL HEADER

WERI PART NO: 649 0xx 211 22

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.

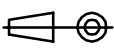

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

A

B

C

RoHS Compliant

G				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15		
F							
E							
D							
C				APPROVAL: JC	UNIT: MM	DESCRIPTION: DISCLAIMER	SIZE <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