

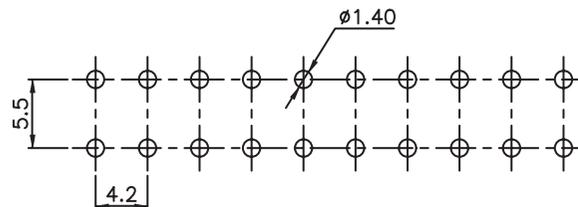
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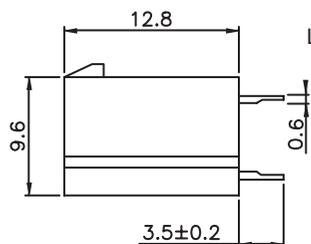
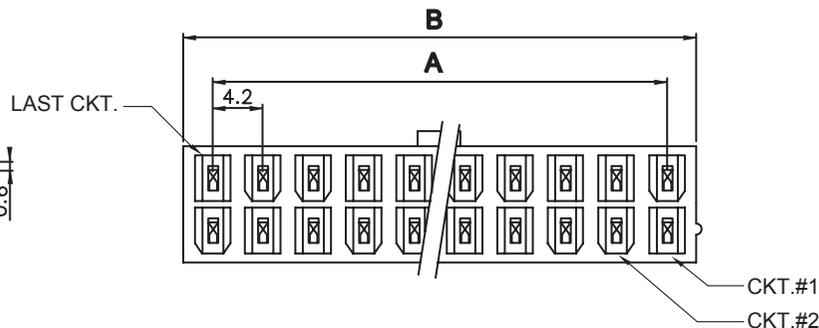
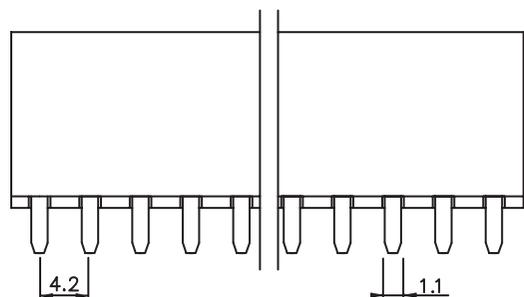
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PCB LAYOUT - COMPONENT VIEW



## TECHNICAL CHARACTERISTICS

MATERIAL  
 INSULATOR: NYLON 66  
 FLAMABILITY RATING: UL94-V0  
 COLOR: WHITE  
 CONTACT MATERIAL: COPPER ALLOY  
 CONTACT TYPE: STAMPED  
 CONTACT PLATING: TIN 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

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

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

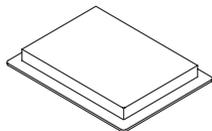
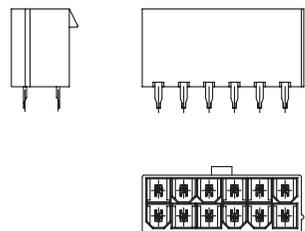
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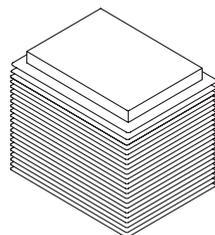
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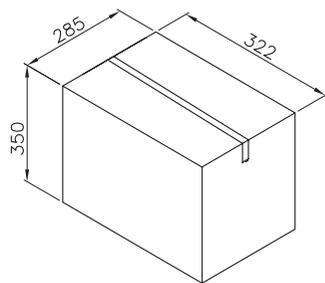
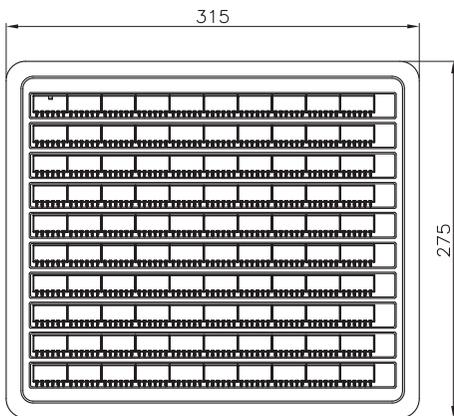
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TRAY



25TRAYS



CARTON

NOTE:

1.DIMENSION

TRAY SIZE:315(L)x275(W)x14.5(H) (MM)

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

2.QUANTITY

CIRCUITS	PCS/TARY	TARYS/CARTON	Q'TY
02	470	25	11750
04	270	25	6750
06	190	25	4750
08	140	25	3500
12	100	25	2500
14	80	25	2000
16	70	25	1750
18	60	25	1500
20	60	25	1500
22	50	25	1250
24	50	25	1250

A

B

C

RoHS Compliant

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 VERTICAL HEADER

WERI PART NO: 649 0xx 211 22

SIZE

A4

G			
F			
E			
D			
C			
B			
A			
REV	DATE	FILE	BY

D

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