

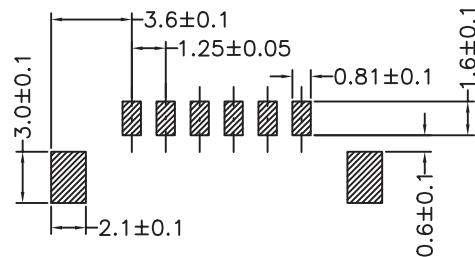
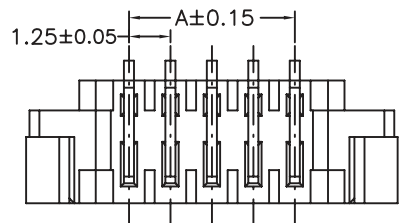
1

2

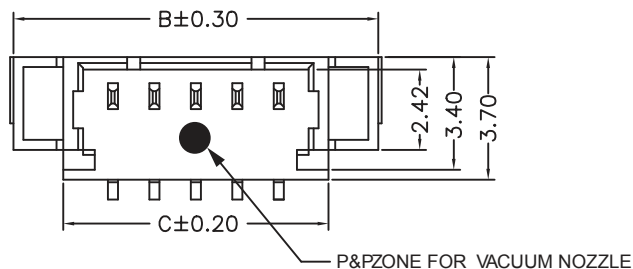
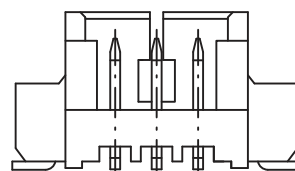
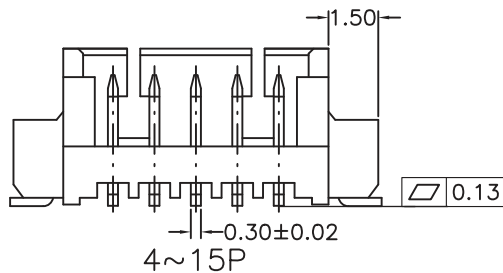
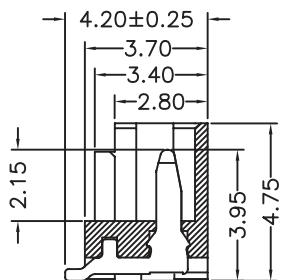
3

4

5



PCB LAYOUT - COMPONENT VIEW



## TECHNICAL CHARACTERISTICS

MATERIAL  
 INSULATOR: NYLON 46  
 FLAMMABILITY RATING: UL94-V0  
 COLOR: IVORY  
 CONTACT MATERIAL: COPPER ALLOY  
 CONTACT TYPE: STAMPED  
 CONTACT PLATING: TIN  
 QUALITY CLASS: 25 MATING CYCLES  
 PITCH: 1.25 MM

ENVIRONMENTAL  
 OPERATING TEMPERATURE: -40 UP TO 85°C  
 COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL  
 CURRENT RATING: 1 A  
 WORKING VOLTAGE: 125 VAC  
 INSULATOR RESISTANCE: >100 MOHM  
 DIELECTRIC WITHSTANDING VOLTAGE: 250 VAC/MN  
 CONTACT RESISTANCE: 20 mOHM MAX

STANDARD  
 CERTIFIED: E323964

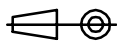
SOLDERING  
 JEDEC LEAD FREE REFLOW SOLDERING PROCESS

PACKAGING  
 TAPE AND REEL

DIMENSION  
 A = 1.25 x (NB PIN - 1)  
 B = 1.25 x (NB PIN + 1) + 3.5  
 C = 1.25 x (NB PIN + 1) + 0.5

RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

.X = +/- 0.2

.XX = +/- 0.15



APPROVAL: BBu

UNIT: MM

DESCRIPTION: 1.25 MM SMT MALE VERTICAL SHROUDED HEADER

SIZE

I 14-SEP-16 TPK AK

SCALE:

WERI PART NO: 653 1xx 124 022

A4

H 06-AUG-15 COLOR AK

SHEET: 1/3

REV DATE FILE BY

DRAW: CEL KING

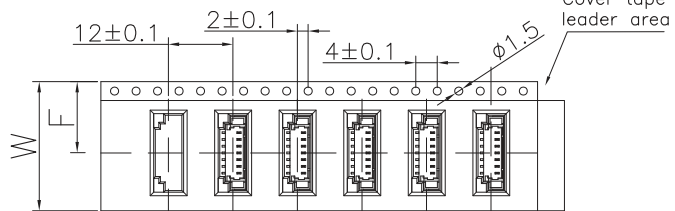
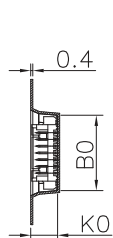
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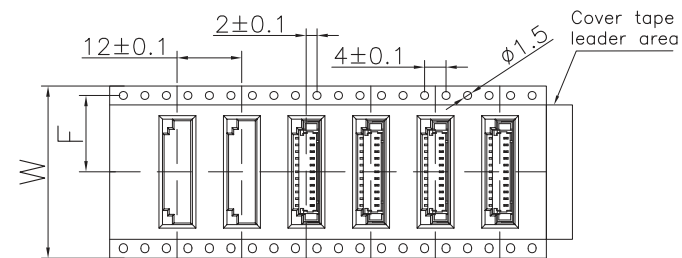
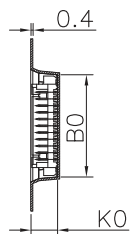
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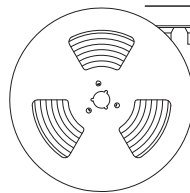
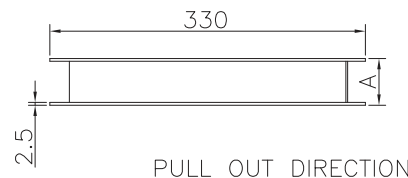
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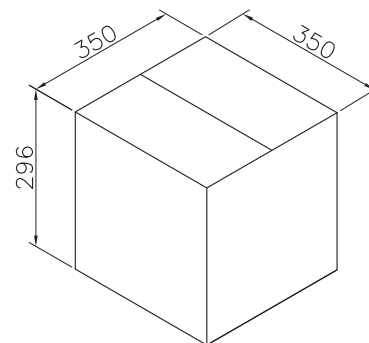
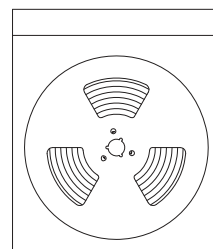
For Reel width (dimension W) 16,24mm  
Single row hole



For Reel width (dimension W) 32,44,56,72mm  
Double rows hole



Vacuum Bag



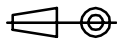
Note:

- 1.All dimensions meet EIA-481-3 requirements.
- 2.Material: Transparent Conductive Polystyrene Alloy 100% recyclable.
- 3.Thickness: 0.40±0.05mm
- 4.Component load per 13" reel:1000 pcs.
- 5.CARTON SIZE:350\*350\*296(mm)  
Vacuum bag:450\*500\*0.2(mm)

Pin No	W	F	A0	B0	K0	PCS/R	R/CTN	Q'TY
02	24	11.5	4.95	7.75	5.0	1000	9	9000
03	24	11.5	4.95	9.00	5.0	1000	9	9000
04	24	11.5	4.95	10.25	5.0	1000	9	9000
05	24	11.5	4.95	11.50	5.0	1000	9	9000
06	24	11.5	4.95	12.75	5.0	1000	9	9000
07	24	11.5	4.95	14.00	5.0	1000	9	9000
08	24	11.5	4.95	15.25	5.0	1000	9	9000
09	24	11.5	4.95	16.50	5.0	1000	9	9000
10	32	14.2	4.95	17.75	5.0	1000	7	7000
11	32	14.2	4.95	19.00	5.0	1000	7	7000
12	32	14.2	4.95	20.25	5.0	1000	7	7000
13	32	14.2	4.95	21.50	5.0	1000	7	7000
14	44	20.2	4.95	22.75	5.0	1000	5	5000
15	44	20.2	4.95	24.00	5.0	1000	5	5000

RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

.X = +/- 0.2

.XX = +/- 0.15



APPROVAL: BBu

UNIT: MM

SCALE:

SHEET: 2/3

DRAW: PEARL

DESCRIPTION: 1.25 MM SMT MALE VERTICAL SHROUDED HEADER

WERI PART NO: 653 1xx 124 022

SIZE

A4

G			
F			
E			
D			
C			
B			
A			
REV	DATE	FILE	BY

A

B

C

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