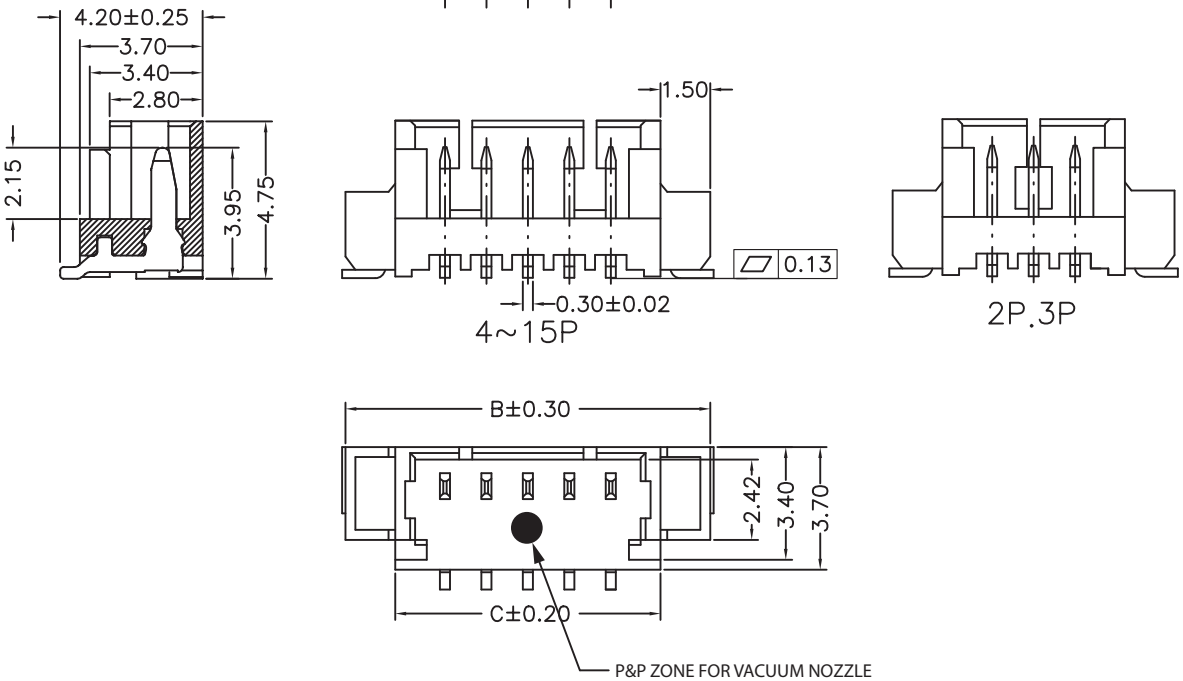
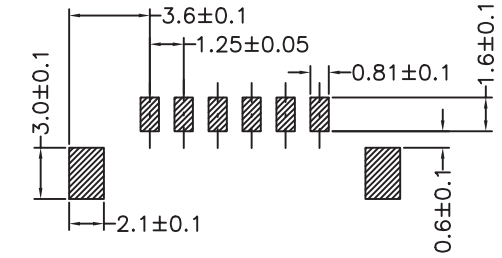




PCB LAYOUT - COMPONENT VIEW

2P.3P

TECHNICAL CHARACTERISTICS

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

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

REV	DATE	FILE	BY
H	06-AUG-15	COLOR	AK

PROJECTION:

APPROVAL: BBu

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

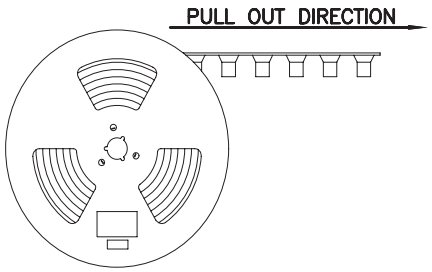
UNIT: MM
SCALE:
SHEET: 1/3
DRAW: CEL KING

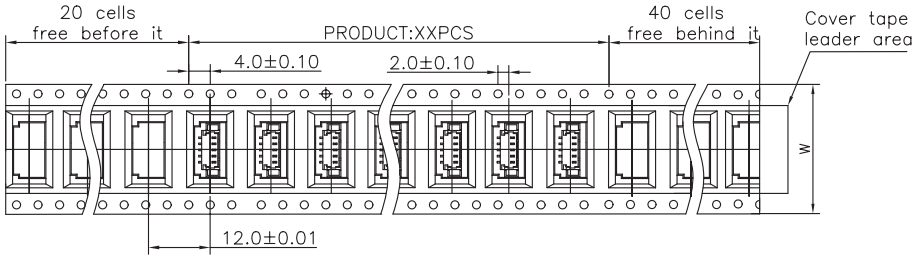
WÜRTH ELEKTRONIK

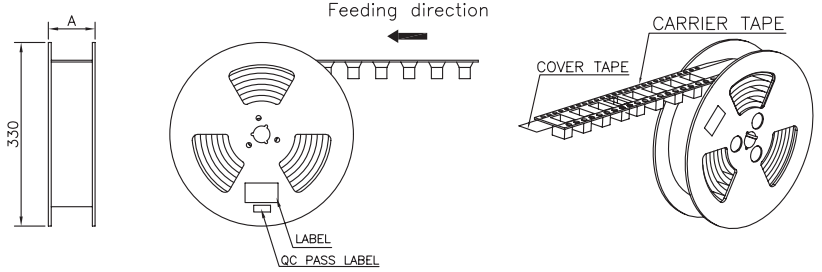
DESCRIPTION: 1.25 MM SMT MALE VERTICAL SHROUDED HEADER

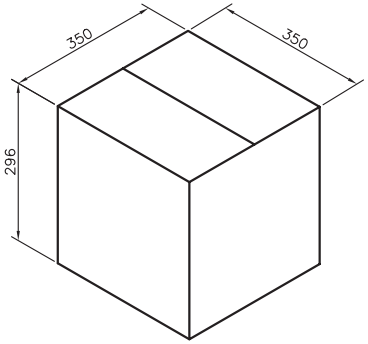
WERI PART NO: 653 1xx 124 022

SIZE
A4









Note:

1.All dimensions meet EIA-481-3 requirements.
2.Material : Black Conductive Polystyrene Alloy
100% recyclable.
3.Thickness : 0.40±0.05mm
4.Component load per 13" reel :1000 pcs.
5,For Reel width (dimension W)16,24mm
Single row hole, (dimension W)32,44
Double rows hole
6.CARTON SIZE:350*350*296(MM)

Pin No	W	A	PCS/R	R/CTN	Q'TY
02	24	29	1000	7	7000
03	24	19	1000	7	7000
04	24	29	1000	7	7000
05	24	29	1000	7	7000
06	24	29	1000	7	7000
07	24	29	1000	7	7000
08	24	29	1000	7	7000
09	24	29	1000	7	7000
10	32	37	1000	6	6000
11	32	37	1000	6	6000
12	32	37	1000	6	6000
13	32	37	1000	6	6000
14	32	37	1000	6	6000
15	44	49	1000	5	5000

RoHS Compliant

REV	DATE	FILE	BY
G			
F			
E			
D			
C			
B			
A			

PROJECTION:

APPROVAL: BBu

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

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

WÜRTH ELEKTRONIK

DESCRIPTION: 1.25 MM SMT MALE VERTICAL SHROUDED HEADER

WERI PART NO: 653 1xx 124 022

SIZE
A4

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,
Wurth 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.

RoHS Compliant							
G				PROJECTION:	GENERAL TOLERANCE	WÜRTH ELEKTRONIK	
F					.X = +/- 0.2		
E					.XX = +/- 0.15		
D							
C				APPROVAL: JC	UNIT: MM	DESCRIPTION: DISCLAIMER	SIZE
B					SCALE:		A4
A	10-SEP-14	PDF	QL		SHEET: 3/3	WERI PART NO: DISCLAIMER	
REV	DATE	FILE	BY		DRAW: QL		