

1.25±0.05 A±0.15

4.20±0.25
3.70
3.40
2.80
2.15
3.95
4.75

1.50
0.30±0.02
4~15P

B±0.30
2.42
3.40
3.70
C±0.20
P&P ZONE FOR VACUUM NOZZLE

3.6±0.1
1.25±0.05
0.81±0.1
1.6±0.1
3.0±0.1
2.1±0.1
0.6±0.1

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

A

B

C

RoHS Compliant				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15	 WÜRTH ELEKTRONIK	
				APPROVAL: BBu	UNIT: MM	DESCRIPTION: 1.25 MM SMT MALE VERTICAL SHROUDED HEADER	
					SCALE:		
					SHEET: 1/3		
					DRAW: CEL KING		
H	06-AUG-15	COLOR	AK			WERI PART NO: 653 1xx 124 022	
REV	DATE	FILE	BY				
							SIZE A4

A

B

C

D



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

PROJECTION:



GENERAL TOLERANCE

$$X = \pm 0.2$$
$$.XX = \pm 0.15$$


WÜRTH ELEKTRONIK

APPROVAL: BBu

UNIT: MM

SCALE:

SHEET: 2/3

DRAW: PEARL

DESCRIPTION: 1.25 MM SMT MALE VERTICAL SHROUDED HEADER
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WERI PART NO: 653 1xx 124 022

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