

RECOMMENDED PCB LAYOUT - COMPONENT VIEW

TECHNICAL CHARACTERISTICS

MATERIAL
 INSULATOR: PA 66
 FLAMMABILITY RATING: UL94-V0
 COLOR: GREY
 WIRE GUARD: STAINLESS STEEL
 CONTACT PIN: BRASS (CuZn)
 SOLDER TAIL PLATING: TIN

ENVIRONMENTAL
 OPERATING TEMPERATURE: -40 UP TO 115°C
 COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL
 CURRENT RATING: 15 A
 WORKING VOLTAGE: 300 VAC
 WITHSTANDING VOLTAGE: 1.6 KV
 CONTACT RESISTANCE: 20 mOhm MAX

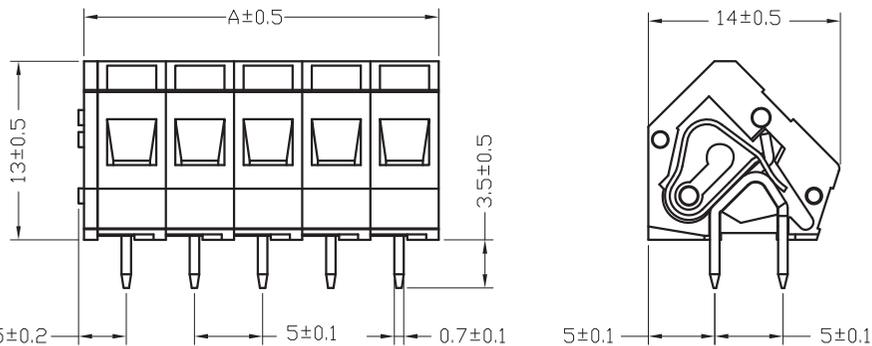
STANDARD
 RoHS CERTIFIED E315414

MECHANICAL
 SOLID WIRE: 28-12 AWG / 0.08-3.31 MM²
 STRANDED WIRE: 28-12 AWG / 0.08-3.31 MM²
 WIRE STRIP LENGTH: 5-6 MM

MECHANICAL:
 PITCH: 5.0MM

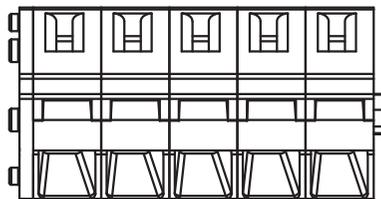
SOLDERING
 JEDEC LEAD FREE WAVE SOLDERING

PACKAGING
 BOX



Pitch : 5.00mm

Poles	A(mm)	Poles	A(mm)
1	6.00	15	76.00
2	11.00	16	81.00
3	16.00	17	86.00
4	21.00	18	91.00
5	26.00	19	96.00
6	31.00	20	101.00
7	36.00	21	106.00
8	41.00	22	111.00
9	46.00	23	116.00
10	51.00	24	121.00
11	56.00		
12	61.00		
13	66.00		
14	71.00		



RoHS Compliant

G			
F			
E			
D	01-FEB-16	MECHANICAL	AK
C	21-SEP-15	MECHANICAL	AK
B	24-SEP-13	DWG REVIEW	QL
A	02-JUL-12	PDF	GG
REV	DATE	FILE	BY

PROJECTION:

APPROVAL: FBr

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

UNIT: MM
 SCALE:
 SHEET: 1/2
 DRAW:

DESCRIPTION: SERIE 413 B - 5.00 MM SCREWLESS 45° ENTRY - WR-TBL

WERI PART NO: 691 413 720 0xx B

SIZE
A4

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 A4
B					SCALE:		
A	10-SEP-14	PDF	QL		SHEET: 2/2	WERI PART NO: DISCLAIMER	
REV	DATE	FILE	BY		DRAW: QL		

D