

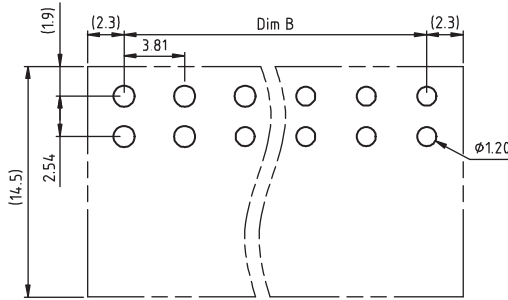
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RECOMMENDED PCB LAYOUT - COMPONENT VIEW

TECHNICAL CHARACTERISTICS

MATERIAL  
 INSULATOR: PA 66  
 FLAMMABILITY RATING: UL94-V0  
 COLOR: GREEN  
 CONTACT MATERIAL: COPPER ALLOY  
 CONTACT PLATING: TIN  
 CONTACT TYPE: STAMPED

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

ELECTRICAL  
 CURRENT RATING: 8A  
 WORKING VOLTAGE: 300VAC  
 WITHSTANDING VOLTAGE: 1.6KV  
 CONTACT RESISTANCE: 20 mOhm max

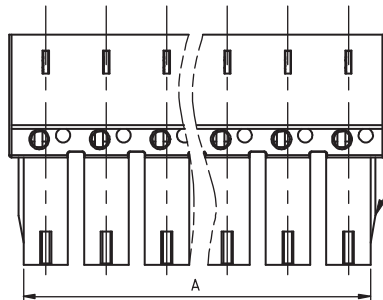
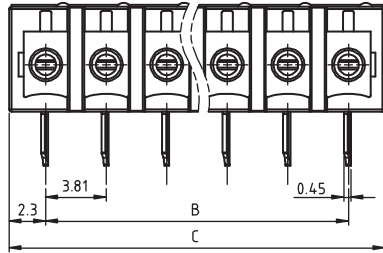
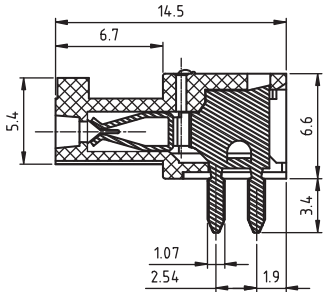
STANDARD  
 .us CERTIFIED E315414

PITCH: 3.81 MM

SOLDERING  
 JEDEC LEAD FREE WAVE SOLDERING PROCESS

PACKAGING BOX

DIMENSION  
 A = 3.81 x (NB PINS -1) +2.8  
 B = 3.81 x (NB PINS -1)  
 C = (3.81 x NB PINS) +0.79



2P to 6P with wedge,  
 above 7P without wedge.

RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

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



APPROVAL: FBr

UNIT: MM

SCALE:

SHEET: 1/2

DRAW: AK

DESCRIPTION: SERIE 3093 - 3.81 MM REVERSED PCB HORIZONTAL

WERI PART NO: 691 309 310 0xx

SIZE

A4

G			
F			
E			
D			
C			
B			
A	11-JUN-15	PDF	AK
REV	DATE	FILE	BY

A

B

C

D

1

2

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## 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: 2/2	WERI PART NO: DISCLAIMER	
REV	DATE	FILE	BY		DRAW: QL		

D