

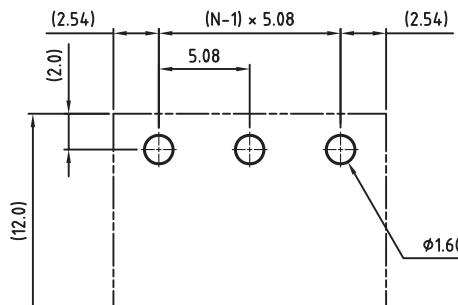
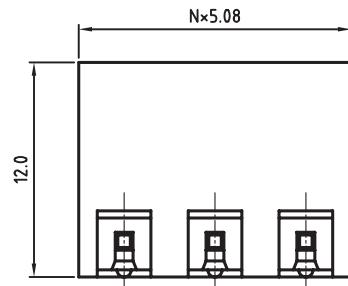
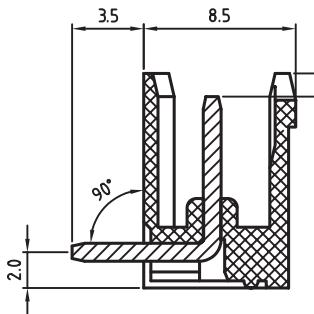
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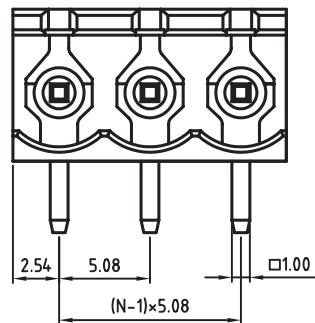
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PCB LAYOUT - COMPONENT VIEW



RoHS Compliant			
G			
F			
E			
D			
C	23-OCT-14	MATERIAL	AS
B	29-OCT-08	CHARACTERISTICS	JP
A	31-OCT-07	PDF	EC
REV	DATE	FILE	BY

PROJECTION:

APPROVAL: FBr

GENERAL TOLERANCE
.X = $^{+/-} 0.2$
.XX = $^{+/-} 0.15$

UNIT: MM

SCALE:

SHEET: 1/2

DRAW: AS

WÜRTH ELEKTRONIK

DESCRIPTION: SERIE 312 - 5.08MM OPEN HORIZONTAL PCB HEADER

WR-TBL

WERI PART NO: 691 312 510 0xx

SIZE
A4

TECHNICAL CHARACTERISTICS

MATERIAL

INSULATOR: PA 66
FLAMABILITY RATING: UL94-V0
COLOR: GREEN
CONTACT PIN: BRASS (CuZn)
SOLDER TAIL PLATING: TIN

ENVIRONMENTAL

OPERATING TEMPERATURE: -40 UP TO 105°C
COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL

cULus	VDE
20A	20A
300VAC	300VAC
1.6KV	2.5KV
CONTACT RESISTANCE: 20 mOhm MAX	

MECHANICAL
PITCH: 5.08MM

SOLDERING: WAVE PROCESS ONLY

PACKAGING: BOX

SERIE 312

CERTIFICATION



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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, 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.

A

B

C

D

RoHS Compliant			
G			
F			
E			
D			
C			
B			
A	10-SEP-14	PDF	QL
REV	DATE	FILE	BY

PROJECTION: 	GENERAL TOLERANCE .X = +/_ 0.2 .XX = +/_ 0.15	WURTH ELEKTRONIK	
		UNIT: MM	DESCRIPTION: DISCLAIMER
APPROVAL: JC	SCALE:	SHEET: 2/2	WERI PART NO: DISCLAIMER
	DRAW: QL		

A4