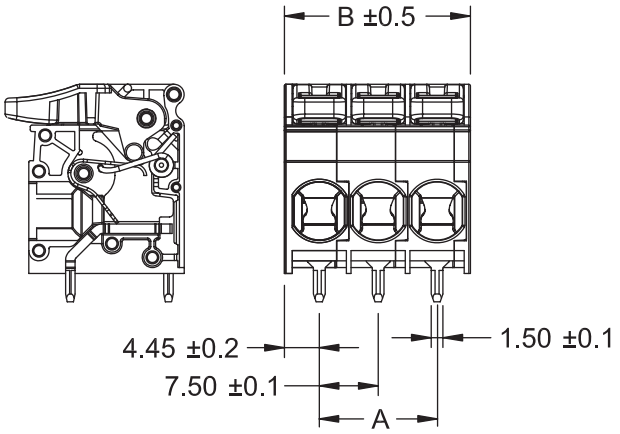
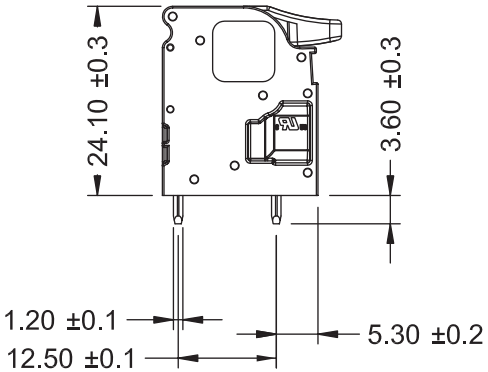
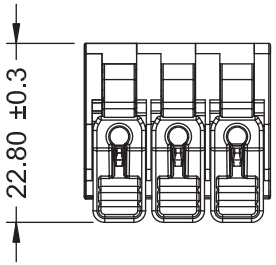
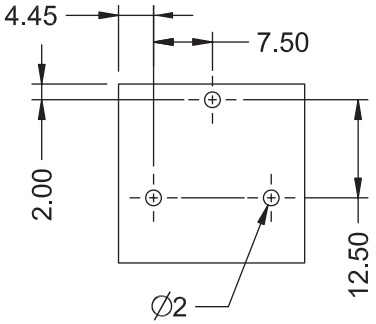








PCB LAYOUT - COMPONENT VIEW

A = (nb. pin-1) x pitch

B = (nb. pin x pitch) + 1,2

TECHNICAL CHARACTERISTICS

MATERIAL
INSULATOR: PA66
FLAMMABILITY RATING: UL94V0
COLOR: BLACK
CONTACT MATERIAL: COPPER ALLOY
CONTACT PLATING: TIN OVER Ni
SPRING MATERIAL: STAINLESS STEEL

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

ELECTRICAL	UL
CURRENT RATING:	30 A
WORKING VOLTAGE:	600 VAC
WITHSTANDING VOLTAGE:	2,2 KV
CONTACT RESISTANCE:	20 mΩ MAX

STANDARD
c UL us CERTIFIED: E315414

MECHANICAL
SOLID WIRE: 24-10 AWG / 0,205-5,26 mm²
STRANDED WIRE: 24-10 AWG / 0,205-5,26 mm²

WIRE STRIPE LENGTH: 12 mm
PITCH: 7,5 mm

SOLDERING
JEDEC LEAD FREE WAVE SOLDERING PROCESS

PACKAGING
BOX

RoHS Compliant

REV	DATE	FILE	BY
G			
F			
E			
D			
C			
B			
A	16-FEB-16	PDF	AK

PROJECTION:

GENERAL TOLERANCE
±0,1

APPROVAL: FBr

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

WÜRTH ELEKTRONIK

DESCRIPTION: SERIE 4049B - SPRING CLAMP- 7.50 MM - POWER CONNECTOR - WR-TBL

WERI PART NO: 691 404 910 0xxB

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