

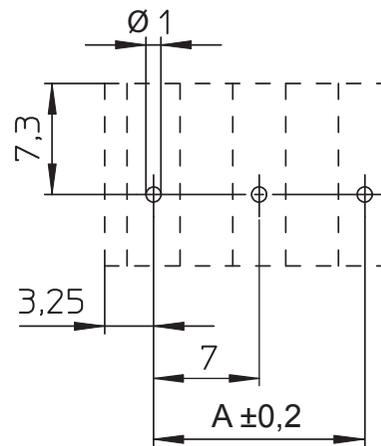
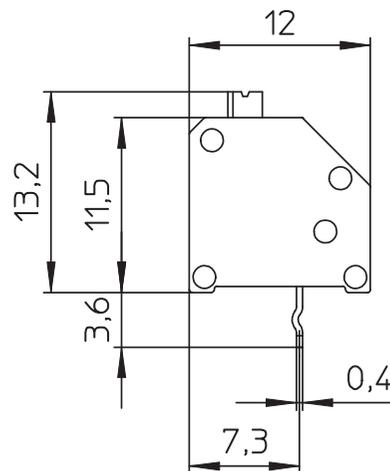
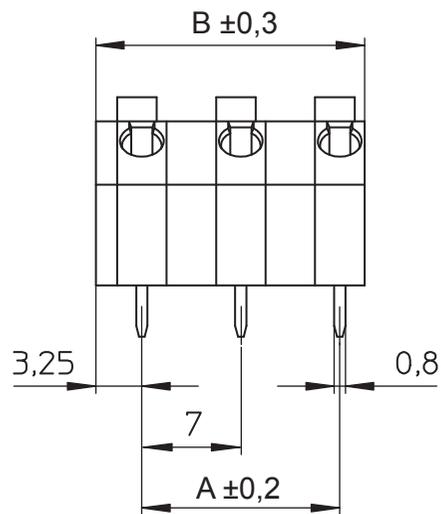
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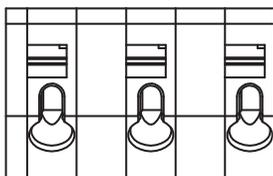
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PCB LAYOUT - COMPONENT VIEW



## TECHNICAL CHARACTERISTICS

MATERIAL  
 INSULATOR: PA6/66  
 FLAMMABILITY RATING: UL94V0  
 COLOR: GREY  
 METAL HOUSING: PHOSPHOR BRONZE / Sn  
 WIRE GUARD: PHOSPHOR BRONZE / Sn

ENVIRONMENTAL  
 OPERATING TEMPERATURE: -30°C UP TO +120°C  
 COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL	UL	VDE
CURRENT RATING:	4 A	4 A
WORKING VOLTAGE:	300 VAC	750 VAC
WITHSTANDING VOLTAGE:	1,6 KV	2,5 KV
CONTACT RESISTANCE:	20 mΩ MAX	

## STANDARD

CERTIFIED: E150931	CAT. N°: MRT24 (3)
CERTIFIED: 40013441	TYPE: MRT24

## MECHANICAL

SOLID WIRE: 30-16 AWG / 0,05-1,31 mm<sup>2</sup>  
 STRANDED WIRE: 30-16 AWG / 0,05-1,31 mm<sup>2</sup>

WIRE STRIPE LENGTH: 7 mm  
 PITCH: 7 mm

SOLDERING  
 JEDEC LEAD FREE WAVE SOLDERING

PACKAGING  
 BOX

$A = (\text{nb. pin} - 1) \times \text{pitch}$

$B = (\text{nb. pin} \times \text{pitch}) - 2$

RoHS Compliant

G				PROJECTION: 	GENERAL TOLERANCE  ±0,1	 WÜRTH ELEKTRONIK	DESCRIPTION: SERIE 4182 - 7.00 MM - 45° CABLE ENTRY SCREWLESS - WR-TBL	SIZE <b>A4</b>
F								
E								
D								
C				APPROVAL: FBr	UNIT: MM	WERI PART NO: 691 418 220 0xx		
B					SCALE:			
A	18-FEB-16	PDF	AK		SHEET: 1/2			
REV	DATE	FILE	BY		DRAW: AK			

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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.

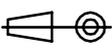
In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

A

B

C

RoHS Compliant

G				PROJECTION: 	GENERAL TOLERANCE		
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		

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