

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

STANDARD
 RoHS 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

$A = (\text{nb. pin}-1) \times \text{pitch}$
 $B = (\text{nb. pin} \times \text{pitch}) + 1,2$

RoHS Compliant				PROJECTION: 	GENERAL TOLERANCE ±0,1	 WÜRTH ELEKTRONIK	DESCRIPTION: SERIE 4049B - SPRING CLAMP - 7.50 MM - POWER CONNECTOR - WR-TBL WERI PART NO: 691 404 910 0xxB	SIZE A4
G								
F								
E								
D				APPROVAL: FBr	UNIT: MM	APPROVAL: FBr UNIT: MM SCALE: SHEET: 1/2 DRAW: AK	DESCRIPTION: SERIE 4049B - SPRING CLAMP - 7.50 MM - POWER CONNECTOR - WR-TBL WERI PART NO: 691 404 910 0xxB	SIZE A4
C								
B								
A	16-FEB-16	PDF	AK					
REV	DATE	FILE	BY					

1

2

3

4

5

Cautions and Warnings:

This electronic component is designed and developed with the intention for use in general electronics equipments.

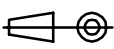

Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and 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				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15	 WÜRTH ELEKTRONIK	DESCRIPTION: DISCLAIMER	SIZE A4
G								
F								
E								
D								
C				APPROVAL: JC	UNIT: MM	WERI PART NO: DISCLAIMER	SIZE A4	
B				SCALE:				
A	10-SEP-14	PDF	QL	SHEET: 2/2				
REV	DATE	FILE	BY	DRAW: QL				

D

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