

PCB LAYOUT - COMPONENT VIEW

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

TECHNICAL CHARACTERISTICS

MATERIAL  
 INSULATOR: PA6/66  
 FLAMMABILITY RATING: UL94V0  
 COLOR: GREEN  
 METAL HOUSING: COPPER ALLOY / Ni+Sn  
 TERMINAL SCREW: STEEL / Zn  
 WIRE GUARD: COPPER ALLOY / Ni+Sn

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

ELECTRICAL	UL	VDE
CURRENT RATING:	10A	10A
WORKING VOLTAGE:	300VAC	130VAC
WITHSTANDING VOLTAGE:	1,6KV	1,25KV
CONTACT RESISTANCE:	20 mΩ MAX	

STANDARD

CERTIFIED: E150931      CAT. N°: CPA (3)  
 CERTIFIED: 40015434      TYPE: CPA

MECHANICAL

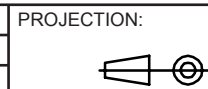
SOLID WIRE: 30-16 AWG / 0,05-1,31 mm<sup>2</sup>  
 STRANDED WIRE: 30-16 AWG / 0,05-1,31 mm<sup>2</sup>  
 TORQUE: 2,5Lb.In / 0,3 Nm

WIRE STRIPE LENGTH: 6 mm  
 SCREW: M2  
 PITCH: 3,50 mm

SOLDERING  
 JEDEC LEAD FREE WAVE SOLDERING

PACKAGING  
 BOX

RoHS Compliant			
G			
F			
E			
D			
C			
B			
A	19-AUG-14	PDF	AK
REV	DATE	FILE	BY



APPROVAL: QL

GENERAL TOLERANCE

±0,1



UNIT: MM

SCALE:

SHEET: 1/2

DRAW: AK

DESCRIPTION: SERIE 2431 - 3.50 MM - VERTICAL CABLE ENTRY WITH RISING CAGE CLAMP - WR-TBL

WERI PART NO: 691 243 100 0xx

SIZE

**A4**

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

G				PROJECTION: 	GENERAL TOLERANCE	 WÜRTH ELEKTRONIK	
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

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