



PCB LAYOUT - COMPONENT VIEW

TECHNICAL CHARACTERISTICS

MATERIAL  
 INSULATOR: PA6/66  
 FLAMMABILITY RATING: UL94V0  
 COLOR: GREEN  
 METAL HOUSING: STEEL / Zn  
 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:	24A	32A
WORKING VOLTAGE:	300VAC	450VAC
WITHSTANDING VOLTAGE:	1,6KV	2,5KV
CONTACT RESISTANCE:	20 mΩ MAX	

STANDARD  
 CERTIFIED: E150931 CAT. N°: MRT20 (7)  
 CERTIFIED: 40013439 TYPE: MRT20

MECHANICAL  
 SOLID WIRE: 30-10 AWG / 0,05-5,26 mm<sup>2</sup>  
 STRANDED WIRE: 30-10 AWG / 0,05-5,26 mm<sup>2</sup>  
 TORQUE: 5Lb.In / 0,5 Nm

WIRE STRIPE LENGTH: 8 mm  
 SCREW: M3  
 PITCH: 6,35 mm

SOLDERING  
 JEDEC LEAD FREE WAVE SOLDERING

PACKAGING  
 BOX

A = (nb. pin-1) x pitch  
 B = (nb. pin x pitch)

RoHS Compliant				PROJECTION: 	GENERAL TOLERANCE  ±0,1	 WÜRTH ELEKTRONIK	
G							
F							
E							
D							
C				APPROVAL: QL	UNIT: MM	DESCRIPTION: SERIE 2506 - 6.35 MM - HORIZONTAL CABLE ENTRY WITH RISING CAGE CLAMP - WR-TBL	SIZE <b>A4</b>
B					SCALE:		
A	27-AUG-14	PDF	AK		SHEET: 1/2	WERI PART NO: 691 250 610 0xx	
REV	DATE	FILE	BY		DRAW: AK		

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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	 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		

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