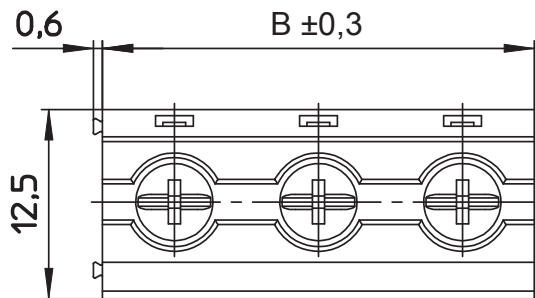


PCB LAYOUT - COMPONENT VIEW



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	750VAC
WITHSTANDING VOLTAGE:	1,6KV	3KV
CONTACT RESISTANCE:	20 mΩ MAX	

STANDARD

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

MECHANICAL

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

WIRE STRIPE LENGTH: 8 mm
 SCREW: M3
 PITCH: 9,52 mm

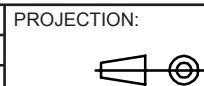
SOLDERING
 JEDEC LEAD FREE WAVE SOLDERING

PACKAGING
 BOX

A = (nb. pin-1) x pitch

B = (nb. pin x pitch)

RoHS Compliant			
G			
F			
E			
D			
C			
B			
A	27-AUG-14	PDF	AK
REV	DATE	FILE	BY



APPROVAL: QL

GENERAL TOLERANCE

±0,1



UNIT: MM

SCALE:

SHEET: 1/2

DRAW: AK

DESCRIPTION: SERIE 2509 - 9.52 MM - HORIZONTAL CABLE ENTRY WITH RISING CAGE CLAMP - WR-TBL

WERI PART NO: 691 250 910 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 .X = +/- 0.2 .XX = +/- 0.15		
F							
E							
D							
C				APPROVAL: JC	UNIT: MM	DESCRIPTION: DISCLAIMER	SIZE A4
B					SCALE:		
A	10-SEP-14	PDF	QL		SHEET: 2/2	WERI PART NO: DISCLAIMER	
REV	DATE	FILE	BY		DRAW: QL		

D