

TECHNICAL CHARACTERISTICS

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

STANDARD
 CERTIFIED: E150931 CAT. N°: MRT5 (2)
 CERTIFIED: 40021392 TYPE: MRT5

MECHANICAL
 SOLID WIRE: 30-12 AWG / 0,05-3,31 mm²
 STRANDED WIRE: 30-12 AWG / 0,05-3,31 mm²
 TORQUE: 5 Lb.In / 0,5 Nm

WIRE STRIPE LENGTH: 6 mm
 SCREW: M3
 PITCH: 5,08 mm

SOLDERING
 JEDEC LEAD FREE WAVE SOLDERING

PACKAGING
 BOX

PCB LAYOUT - COMPONENT VIEW

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

RoHS Compliant			
G			
F			
E			
D			
C			
B			
A	26-AUG-14	PDF	AK
REV	DATE	FILE	BY

PROJECTION:	
APPROVAL: FBr	

GENERAL TOLERANCE	±0,1
UNIT: MM	
SCALE:	
SHEET: 1/2	
DRAW: AK	

DESCRIPTION: SERIE 2545 - 5.08 MM - HORIZONTAL CABLE ENTRY WITH RISING CAGE CLAMP - WR-TBL

WERI PART NO: 691 254 510 0xx

SIZE
A4

A
 B
 C
 D

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.

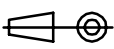

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

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		

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