

PCB LAYOUT - COMPONENT VIEW

A = (nb. pin-1) x pitch
 B = (nb. pin x 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
 CURRENT RATING: 16A
 WORKING VOLTAGE: 300VAC
 WITHSTANDING VOLTAGE: 1,6KV
 CONTACT RESISTANCE: 20 mΩ MAX

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

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

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

SOLDERING
 JEDEC LEAD FREE WAVE SOLDERING

PACKAGING
 BOX

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

PROJECTION:	
APPROVAL: QL	

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

DESCRIPTION: SERIE 2537 - 5.00 MM - HORIZONTAL CABLE ENTRY WITH RISING CAGE CLAMP - WR-TBL	
WERI PART NO: 691 253 710 0xx	

SIZE	A4
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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.

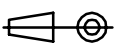

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

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

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