

TECHNICAL CHARACTERISTICS

MATERIAL
 INSULATOR: PA6/66
 FLAMMABILITY RATING: UL94V0
 COLOR: GREY
 METAL HOUSING: INOX STEEL
 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	16A
WORKING VOLTAGE:	300VAC	450VAC
WITHSTANDING VOLTAGE:	1,6KV	2KV
CONTACT RESISTANCE:	20 mΩ MAX	

STANDARD
 RoHS CERTIFIED: E150931
 REACH CERTIFIED: 40022113
 CAT. N°: MRT23 (4)
 TYPE: MRT23

MECHANICAL
 SOLID WIRE: 30-16 AWG / 0,05-1,31 mm²
 STRANDED WIRE: 30-16 AWG / 0,05-1,31 mm²

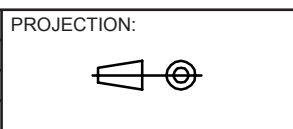
WIRE STRIPE LENGTH: 7 mm
 PITCH: 5,08 mm

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	28-AUG-14	PDF	AK
REV	DATE	FILE	BY



GENERAL TOLERANCE
 ±0,1



APPROVAL: QL

UNIT: MM
 SCALE:
 SHEET: 1/2
 DRAW: AK

DESCRIPTION: SERIE 4165 - 5.08 MM - VERTICAL CABLE ENTRY
 SCREWLESS - WR-TBL
 WERI PART NO: 691 416 500 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.

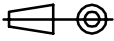

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

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		

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