



PCB LAYOUT - COMPONENT VIEW

TECHNICAL CHARACTERISTICS

MATERIAL
 INSULATOR: PA6/66
 FLAMMABILITY RATING: UL94V0
 COLOR: GREY
 METAL HOUSING: INOX STEEL
 TERMINAL SCREW:
 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	10A
WORKING VOLTAGE:	300VAC	750VAC
WITHSTANDING VOLTAGE:	1,6KV	3KV
CONTACT RESISTANCE:	20 mΩ MAX	

STANDARD

CERTIFIED: E150931	CAT. N°: MRT1 (1)
CERTIFIED: 40021396	TYPE: MRT1

MECHANICAL

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

WIRE STRIPE LENGTH: 10 mm
 SCREW:
 PITCH: 7,50 mm

SOLDERING

JEDEC LEAD FREE WAVE SOLDERING

PACKAGING
 BOX

A = (nb. pin-1) x pitch

B = (nb. pin x pitch) - 1

RoHS Compliant

G				PROJECTION: 	GENERAL TOLERANCE ±0,1	 WÜRTH ELEKTRONIK	
F							
E							
D							
C				APPROVAL: QL	UNIT: MM	DESCRIPTION: SERIE 4119 - 7.50 MM - HORIZONTAL CABLE ENTRY SCREWLESS - WR-TBL	SIZE A4
B					SCALE:		
A	25-AUG-14	PDF	AK		SHEET: 1/2		
REV	DATE	FILE	BY		DRAW: AK		

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