

TECHNICAL CHARACTERISTICS

**MATERIAL**  
 INSULATOR: PA 66  
 FLAMMABILITY RATING: UL94-V0  
 COLOR: GREEN  
 CONTACT MATERIAL: COPPER ALLOY  
 CONTACT PLATING: TIN  
 CONTACT TYPE: STAMPED  
 FLANGES NUT: BRASS M2.5

**ENVIRONMENTAL**  
 OPERATING TEMPERATURE: -40 UP TO 115°C  
 COMPLIANCE: LEAD FREE AND ROHS

**ELECTRICAL**  
 CURRENT RATING: 8A  
 WORKING VOLTAGE: 300VAC  
 WITHSTANDING VOLTAGE: 1.6KV  
 CONTACT RESISTANCE: 20 mOhm max

**STANDARD**  
 RoHS CERTIFIED E315414


PITCH: 3.81 MM

**SOLDERING**  
 JEDEC LEAD FREE WAVE SOLDERING PROCESS

**PACKAGING**  
 BOX

**DIMENSION**  
 A = 3.81 x (NB PINS - 1) + 2.8  
 B = 3.81 x (NB PINS - 1)  
 C = (3.81 x NB PINS) + 10.39

RoHS Compliant			
G			
F			
E			
D			
C			
B			
A	11-JUN-15	PDF	AK
REV	DATE	FILE	BY

PROJECTION:  
  
 APPROVAL: FBr

GENERAL TOLERANCE  
 .X = +/- 0.2  
 .XX = +/- 0.15  
 UNIT: MM  
 SCALE:  
 SHEET: 1/2  
 DRAW: AK



DESCRIPTION: SERIE 3103 - 3.81 MM REVERSED PCB HORIZONTAL WITH FLANGES  
 WERI PART NO: 691 310 340 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 = $\pm 0.2$ .XX = $\pm 0.15$	 <b>WÜRTH ELEKTRONIK</b>	
F							
E							
D							
C				APPROVAL: JC	UNIT: MM	DESCRIPTION: DISCLAIMER	SIZE <b>A4</b>
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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