

1

2

3

4

5

A

B

C

D

TECHNICAL CHARACTERISTICS

MATERIAL
 INSULATOR: LCP
 FLAMMABILITY RATING: UL94V0
 COLOR: BLACK
 METAL: PHOSPHOR BRONZE
 PLATING: SELECTIVE GOLD OVER Ni

ENVIRONMENTAL
 OPERATING TEMPERATURE: -40°C UP TO +105°C
 COMPLIANCE: LEAD FREE AND ROHS

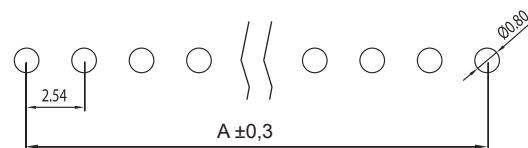
ELECTRICAL
 CURRENT RATING: 3A MAX
 WITHSTANDING VOLTAGE: 1000VAC
 CONTACT RESISTANCE: 20 mΩ MAX

PITCH: 2,54 mm

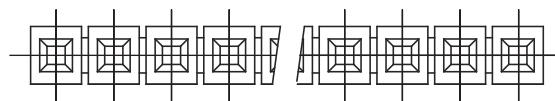
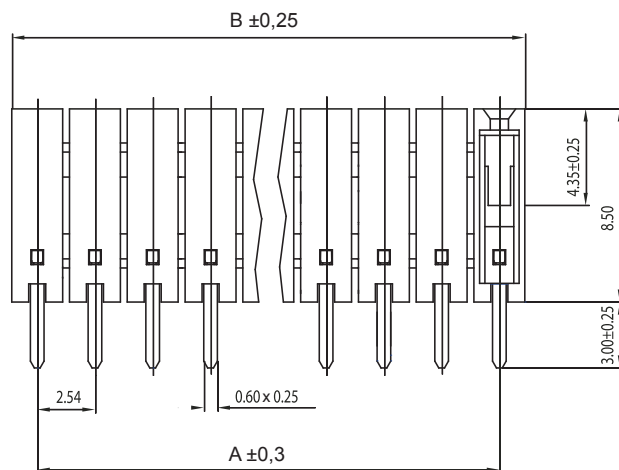
SOLDERING
 JEDEC LEAD FREE WAVE SOLDERING

PACKAGING
 BOX

STK REF: 47782051XX470



PCB LAYOUT - COMPONENT VIEW



$A = (\text{nb. pin} - 1) \times \text{pitch}$
 $B = (\text{nb. pin} \times \text{pitch}) - 0,3$

RoHS Compliant

G			
F			
E			
D			
C			
B			
A	27-OCT-14	PDF	AK
REV	DATE	FILE	BY

PROJECTION:

GENERAL TOLERANCE
 $\pm 0,1$



APPROVAL: QL

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

DESCRIPTION: WR-PHD 2,54mm socket straight single THT insulator profile 8,5mm top entry
 WERI PART NO: 613 0xx 156 623

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.

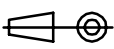

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

A

B

C

RoHS Compliant

G				PROJECTION: 	GENERAL TOLERANCE	 WÜRTH ELEKTRONIK	
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