

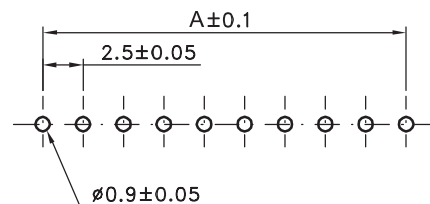
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PCB LAYOUT - COMPONENT VIEW

TECHNICAL CHARACTERISTICS

MATERIAL
 INSULATOR: NYLON 46
 FLAMABILITY RATING: UL94-V0
 COLOR: BEIGE
 CONTACT MATERIAL: COPPER ALLOY
 CONTACT TYPE: STAMPED
 CONTACT PLATING: TIN
 QUALITY CLASS: 25 MATING CYCLES
 PITCH: 2.50 MM

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

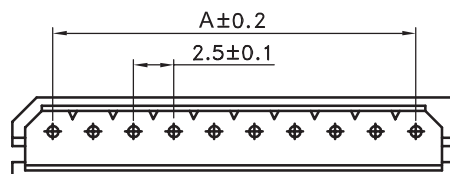
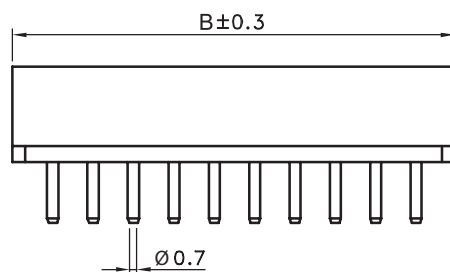
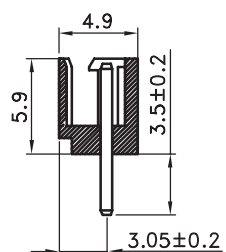
ELECTRICAL
 CURRENT RATING: 3A
 WORKING VOLTAGE: 250V AC
 INSULATOR RESISTANCE: >1000 MOHM
 DIELECTRIC WITHSTANDING VOLTAGE: 1000V AC/MN
 CONTACT RESISTANCE: 20 mOHM MAX

STANDARD
 CERTIFIED: E323964

SOLDERING
 JEDEC LEAD FREE WAVE SOLDERING PROCESS

PACKAGING
 BAG

DIMENSION
 A = 2.50 x (NB PIN - 1)
 B = (2.50 x NB PIN) + 2.5



RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

.X = ± 0.25 .XX = ± 0.15 

APPROVAL: BBu

UNIT: MM

DESCRIPTION: 2.50 MM MALE SHROUDED HEADER

SIZE

SCALE:

WERI PART NO: 646 0xx 116 22

A4

SHEET: 1/2

DRAW: PEARL

J	15-JUL-15	MAX. TEMP.	AK
I	10-SEP-13	TOL REVIEW	QL
H	06-AUG-13	CHARACTERISTIC	QL
REV	DATE	FILE	BY

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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

PROJECTION:



GENERAL TOLERANCE

.X = +/- 0.2

.XX = +/- 0.15



APPROVAL: JC

UNIT: MM

SCALE:

SHEET: 2/2

DRAW: QL



DESCRIPTION: DISCLAIMER

WERI PART NO: DISCLAIMER

SIZE

A4

D

G				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15		
F							
E							
D							
C				APPROVAL: JC	UNIT: MM	DESCRIPTION: DISCLAIMER	SIZE A4
B							
A	10-SEP-14	PDF	QL				
REV	DATE	FILE	BY				

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