

PCB LAYOUT - COMPONENT VIEW

TECHNICAL CHARACTERISTICS

MATERIAL  
 INSULATOR: PA 6T  
 COLOR: BLACK  
 CONTACT MATERIAL: COPPER ALLOYS  
 CONTACT TYPE: STAMPED  
 CONTACT PLATING: GOLD  
 QUALITY CLASS: 3 AS PER CECC 75 301-802  
 PITCH: 2.54MM

ENVIRONMENTAL  
 OPERATING TEMPERATURE: -40 UP TO 125°C  
 FLAMABILITY RATING: UL94-V0  
 COMPLIANCE: LEAD FREE AND ROHS

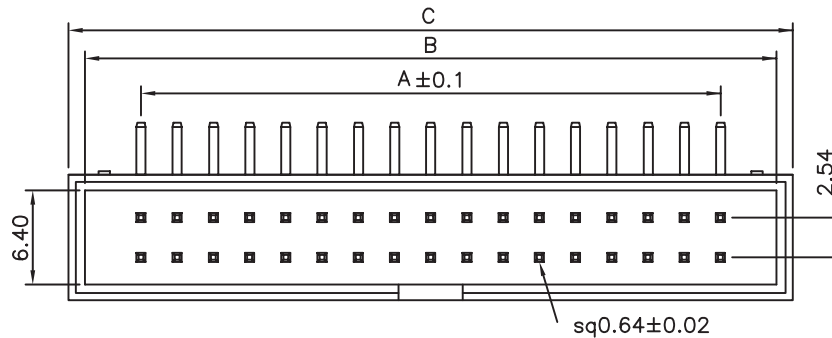
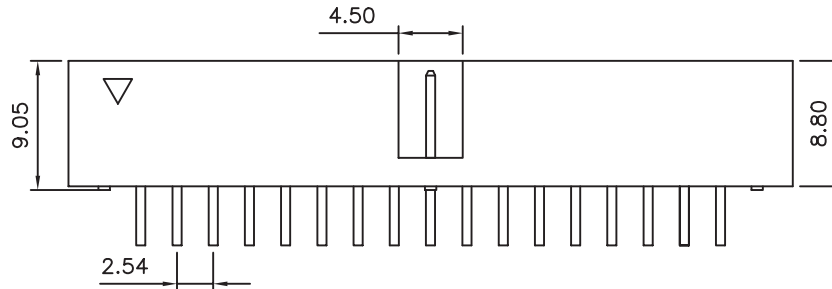
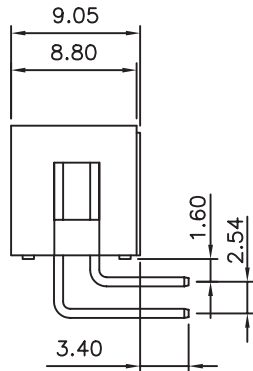
ELECTRICAL  
 CURRENT RATING: 3 A MAX  
 WORKING VOLTAGE: 250 VAC  
 INSULATOR RESISTANCE: >1000 MOHM  
 DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC/MN  
 CONTACT RESISTANCE: 20 mOHM MAX

SOLDERING  
 JEDEC LEAD FREE WAVE SOLDERING PROCESS

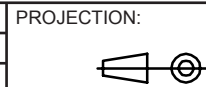
PACKAGING  
 TRAY

DIMENSION

NB PIN	A	B	C
6	5.08	12.80	15.20
8	7.62	15.48	17.78
10	10.16	17.90	20.30
14	15.24	22.98	25.38
16	17.78	25.52	27.92
20	22.86	30.60	33.00
26	30.48	38.22	40.62
34	40.64	48.40	50.80
40	48.26	56.00	58.40
50	60.96	68.70	71.10



RoHS Compliant			
G			
F	16-JUN-16	TABLE	AK
E	19-FEB-14	SOLDERING	QL
D	03-MAR-10	DIMENTION	JP
C	15-OCT-09	C DIM.	JP
B	26-DEC-07	SOLDERING	CH
A	03-NOV-06	PDF	JP
REV	DATE	FILE	BY



PROJECTION:

APPROVAL: GMo

GENERAL TOLERANCE

.X = +/- 0.2

.XX = +/- 0.15

UNIT: MM

SCALE:

SHEET: 1/2

DRAW: PEARL



DESCRIPTION: BHD 2.54MM MALE ANGLED BOX HEADER HIGH TEMPERATURE

WERI PART NO: 612 0xx 235 221

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 <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