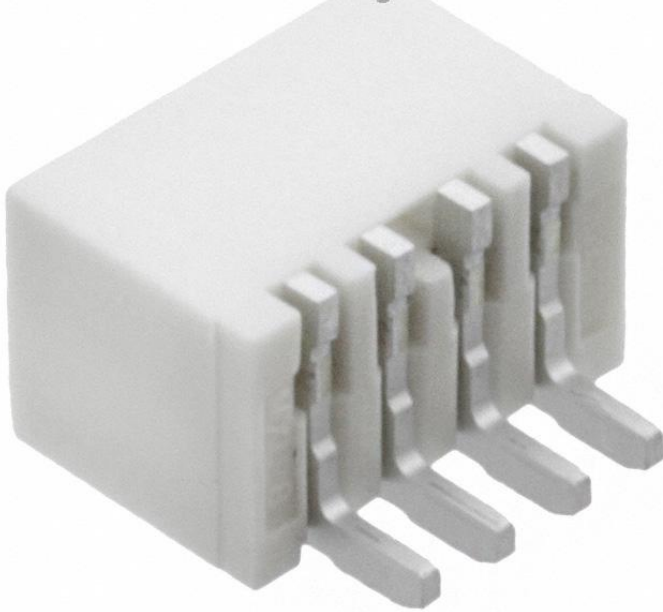


www.digi-electronics.com



653103131822 Datasheet

DiGi Electronics Part Number 653103131822-DG

Manufacturer [Würth Elektronik](#)

Manufacturer Product Number 653103131822

Description CONN HEADER SMD R/A 3POS 1.25MM

<https://www.DiGi-Electronics.com>

Detailed Description

Connector Header Surface Mount, Right Angle 3 po

This model 653103131822 is available at [DiGi Electronics](#). (1.25mm)

DiGi Electronics offers a global database of semiconductor and electronic component datasheets.

We welcome your inquiries regarding pricing, lead time, or other product-related questions.

 [Request a Quote](#)

 [Datasheet Search](#)

Tel: +00 852 30501935

RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.

Purchase and inquiry

Manufacturer Product Number:

653103131822

Series:

WR-WTB

Connector Type:

Header

Pitch - Mating:

0.049" (1.25mm)

Number of Rows:

1

Number of Positions Loaded:

All

Shrouding:

Shrouded - 4 Wall

Termination:

Solder

Contact Length - Mating:

0.084" (2.13mm)

Overall Contact Length:

-

Contact Shape:

Manufacturer:

Würth Elektronik

Product Status:

Active

Contact Type:

Male Pin

Number of Positions:

3

Row Spacing - Mating:

-

Style:

Board to Cable/Wire

Mounting Type:

Surface Mount, Right Angle

Fastening Type:

Detent Lock

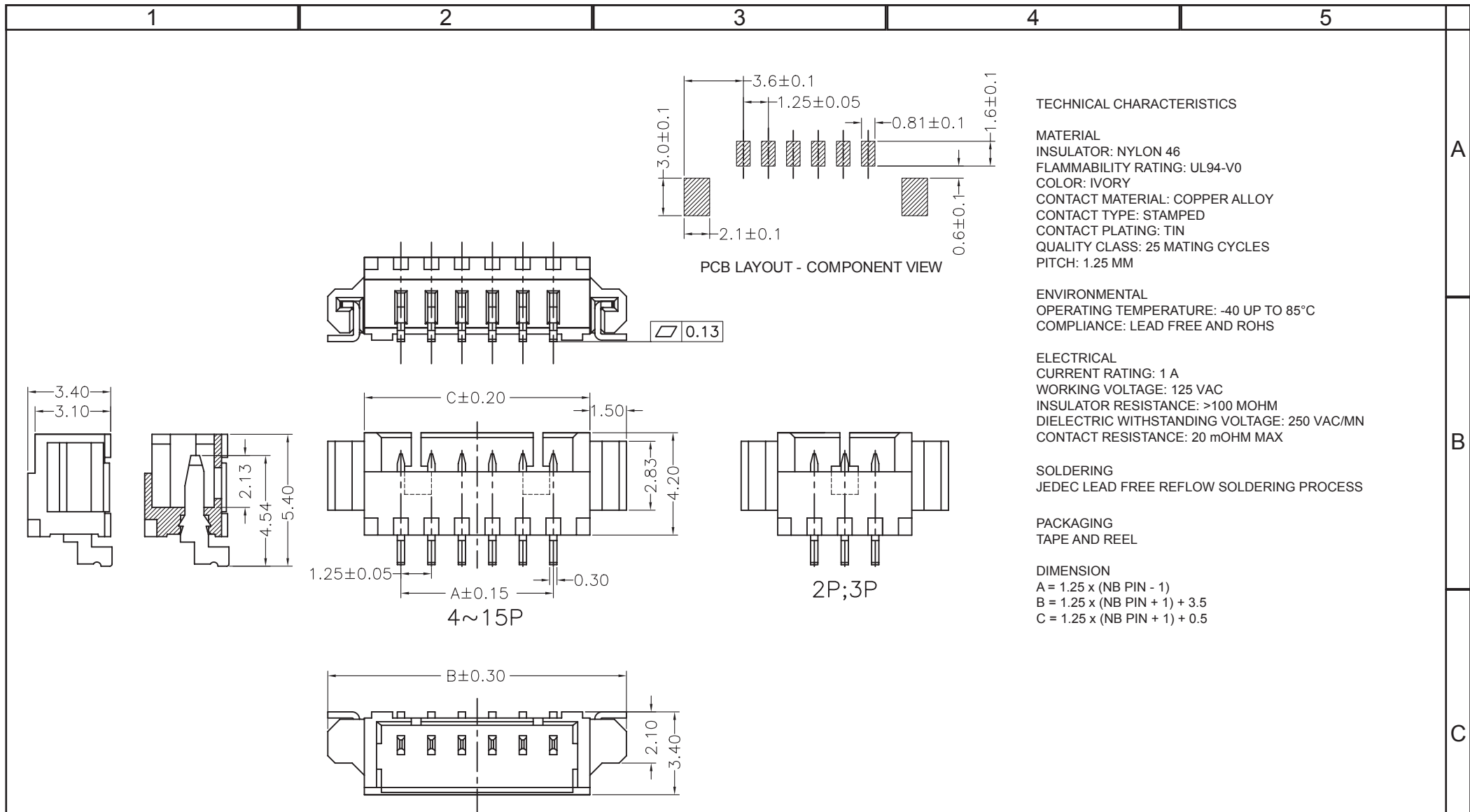
Contact Length - Post:

-

Insulation Height:

0.134" (3.40mm)

Contact Finish - Mating:



TECHNICAL CHARACTERISTICS

MATERIAL
 INSULATOR: NYLON 46
 FLAMMABILITY RATING: UL94-V0
 COLOR: IVORY
 CONTACT MATERIAL: COPPER ALLOY
 CONTACT TYPE: STAMPED
 CONTACT PLATING: TIN
 QUALITY CLASS: 25 MATING CYCLES
 PITCH: 1.25 MM

ENVIRONMENTAL
 OPERATING TEMPERATURE: -40 UP TO 85°C
 COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL
 CURRENT RATING: 1 A
 WORKING VOLTAGE: 125 VAC
 INSULATOR RESISTANCE: >100 MOHM
 DIELECTRIC WITHSTANDING VOLTAGE: 250 VAC/MN
 CONTACT RESISTANCE: 20 mOHM MAX

SOLDERING
 JEDEC LEAD FREE REFLOW SOLDERING PROCESS

PACKAGING
 TAPE AND REEL

DIMENSION
 A = 1.25 x (NB PIN - 1)
 B = 1.25 x (NB PIN + 1) + 3.5
 C = 1.25 x (NB PIN + 1) + 0.5

RoHS Compliant				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15		
J	28-FEB-17	TPK	AK				
I	14-SEP-16	TPK	AK				
H	06-AUG-15	COLOR	AK				
REV	DATE	FILE	BY	APPROVAL: BBu	UNIT: MM SCALE: SHEET: 1/3 DRAW: ANDY	DESCRIPTION: 1.25 MM SMT MALE HORIZONTAL SHROUDED HEADER WERI PART NO: 653 1xx 131 822	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.

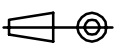

Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and 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				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15		DESCRIPTION: DISCLAIMER	SIZE A4
G								
F								
E								
D								
C				APPROVAL: JC	UNIT: MM	WERI PART NO: DISCLAIMER	SIZE A4	
B				SCALE:				
A	10-SEP-14	PDF	QL	SHEET: 3/3				
REV	DATE	FILE	BY	DRAW: QL				

D

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