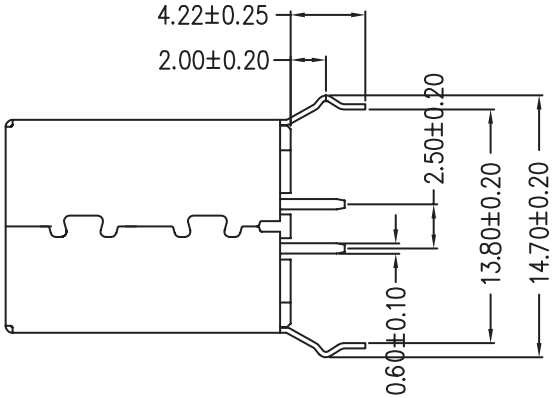
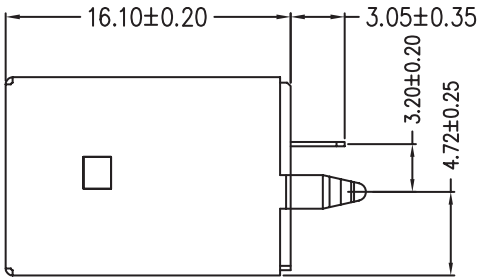
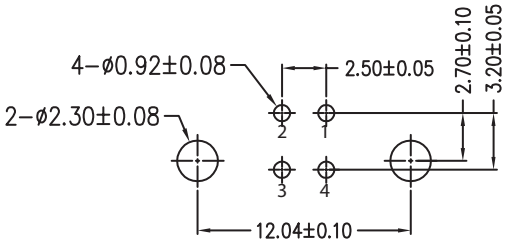
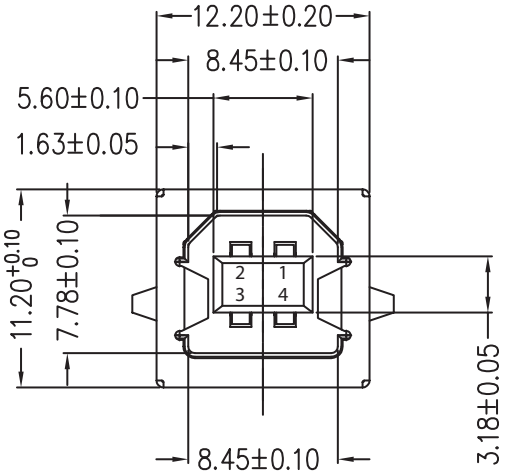



RECOMMENDED PCB LAYOUT
RECOMMENDED PCB THICKNESS : 1.6 mm




TECHNICAL CHARACTERISTICS

MATERIAL
INSULATOR: PBT
FLAMMABILITY RATING: UL94-V0
COLOR: WHITE
CONTACT MATERIAL: COPPER ALLOY
CONTACT TYPE: STAMPED
CONTACT PLATING: SELECTIVE GOLD
SHIELDING: BRASS NI PLATED
QUALITY CLASS: 1500 MATING CYCLES

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

ELECTRICAL
CURRENT RATING: 1.5 A MAX
WORKING VOLTAGE: 30 VAC
INSULATION RESISTANCE: >1000 MΩ
DIELECTRIC WITHSTANDING VOLTAGE: 750 VAC/MIN
CONTACT RESISTANCE: 20 mΩ MAX

STANDARD
CERTIFIED: E323964

SOLDERING
JEDEC LEAD FREE WAVE SOLDERING PROCESS

PACKAGING
TRAY

RoHS Compliant

| REV | DATE | FILE | BY |
|---|---|---|---|
| M | 20-JUL-15 | UPDATE | AK |
| L | 09-AVR-15 | PCB THIKNESS | QP |
| K | 27-OCT-14 | REVIEW | QL |
| J | 21-AUG-13 | DIM UPDATE | QL |
| I | 15-FEV-13 | DESIGNATION | AR |
| H | 08-NOV-11 | CURRENT RATING | GG |

PROJECTION:

APPROVAL: NPr

GENERAL TOLERANCE
.X = +/- 0.2
.XX = +/- 0.15

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

WÜRTH ELEKTRONIK

**DESCRIPTION: USB 2.0 TYPE B VERTICAL**

**WERI PART NO: 614 004 133 21**

SIZE
**A4**

## 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,
Wurth 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.

| RoHS Compliant | | | | | | | |
|---|---|---|---|---|---|---|---|
| G | | | | PROJECTION: | GENERAL TOLERANCE | WÜRTH ELEKTRONIK | |
| F | | | | | .X = +/- 0.2 | | |
| E | | | | | .XX = +/- 0.15 | | |
| D | | | | | | | |
| C | | | | APPROVAL: JC | UNIT: MM | DESCRIPTION: DISCLAIMER | SIZE |
| B | | | | | SCALE: | | A4 |
| A | 10-SEP-14 | PDF | QL | | SHEET: 2/2 | WERI PART NO: DISCLAIMER | |
| REV | DATE | FILE | BY | | DRAW: QL | | |