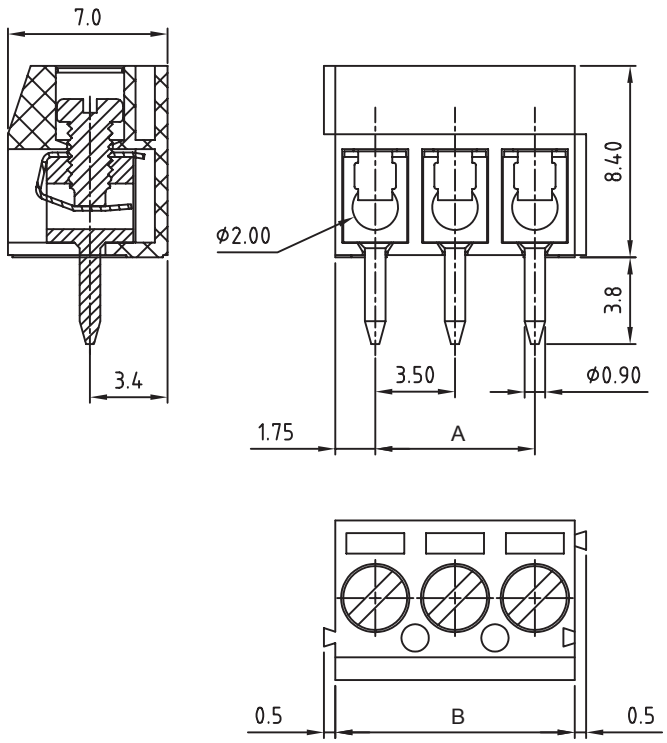
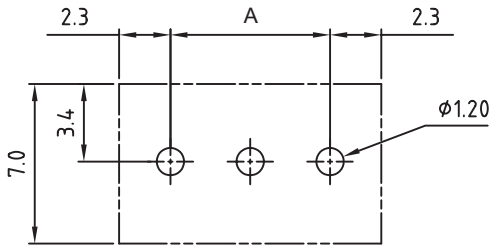



PCB LAYOUT - COMPONENT VIEW

TECHNICAL CHARACTERISTICS

MATERIAL
INSULATOR: PA 66
FLAMMABILITY RATING: UL94-V0
COLOR: BLUE
METAL HOUSING: BRASS (CuZn)
TERMINAL SCREW SLOT TYPE: "-"
WIRE GUARD: STAINLESS STEEL
SOLDER TAIL PLATING: TIN

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

| ELECTRICAL | UL |
|---|---|
| CURRENT RATING: | 10 A |
| WORKING VOLTAGE: | 125 VAC |
| WITHSTANDING VOLTAGE: | 1.25 KV |
| CONTACT RESISTANCE: | 20 mOhm MAX |

STANDARD
CERTIFIED E315414

| MECHANICAL | |
|---|---|
| SOLID WIRE: | 26-16 AWG / 0.129-1.31 MM² |
| STRANDED WIRE: | 26-16 AWG / 0.129-1.31 MM² |
| TORQUE: | 1.7 Lb-In / 0.2 Nm |

WIRE STRIPE LENGTH: 5-6 MM
SCREW: M2
PITCH: 3.5 MM

SOLDERING
JEDEC LEAD FREE WAVE SOLDERING PROCESS

PACKAGING
BOX

DIMENSION
A = (NB. PIN -1) x3,5
B = NB. PIN x3,5

RoHS Compliant

| REV | DATE | FILE | BY |
|---|---|---|---|
| G | | | |
| F | | | |
| E | | | |
| D | 31-JUL-15 | UPDATE | AK |
| C | 09-OCT-09 | STANDARD | JP |
| B | 05-MAR-09 | PIN LENGTH | JP |
| A | 30-OCT-08 | PDF | JP |

PROJECTION:

APPROVAL: FBr

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

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

WÜRTH ELEKTRONIK

**DESCRIPTION: SERIE 1031 - 3.5MM HORIZONTAL ENTRY MODULAR WITH PRESSURE CLAMP - WR-TBL**

**WERI PART NO: 691 103 110 0xx**

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 | | |

# Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

## WURTH:

140816144200 64900821122 665102131822 7443633300 744393665015 830032817 74438334022
860080275016 560112110239 74408942330 620307124022 74437529203220 78438335033HT 810912012
865230657014 784773147 830003237 865080457015 64900221122 782963560 810913006
560112110188 686124183822 687640141002 687750225002 71206415 744052002 636201040300
714726110106 971100477