

PCB LAYOUT - COMPONENT VIEW

TECHNICAL CHARACTERISTICS

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

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

ELECTRICAL
 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

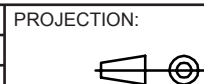
SOLDERING
 JEDEC LEAD FREE WAVE SOLDERING PROCESS

PACKAGING
 BOX

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

RoHS Compliant

| | | | |
|-----|-----------|------------|----|
| 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 |
| REV | DATE | FILE | BY |



APPROVAL: FBr

GENERAL TOLERANCE

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

UNIT: MM

SCALE:

SHEET: 1/2

DRAW: MARVIN



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

WERI PART NO: 691 103 110 0xx

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 A4 |
| B | | | | | SCALE: | | |
| A | 10-SEP-14 | PDF | QL | | SHEET: 2/2 | WERI PART NO: DISCLAIMER | |
| REV | DATE | FILE | BY | | DRAW: QL | | |

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