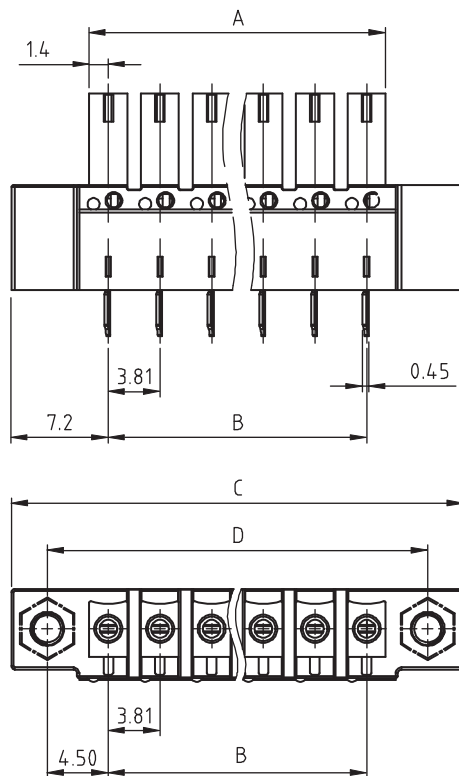
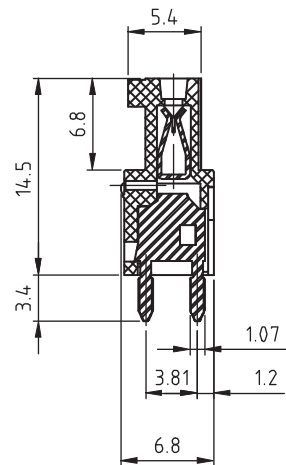


RECOMMENDED PCB LAYOUT - COMPONENT VIEW

### TECHNICAL CHARACTERISTICS

MATERIAL  
 INSULATOR: PA 66  
 FLAMABILITY RATING: UL94-V0  
 COLOR: GREEN  
 CONTACT MATERIAL: COPPER ALLOY  
 CONTACT PLATING: TIN  
 CONTACT TYPE: STAMPED  
 FLANGES NUT: BRASS M2.5

ENVIRONMENTAL  
 OPERATING TEMPERATURE: -40 UP TO 115°C  
 COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL  
 CURRENT RATING: 8A  
 WORKING VOLTAGE: 300VAC  
 WITHSTANDING VOLTAGE: 1.6KV  
 CONTACT RESISTANCE: 20 mOhm max

STANDARD  
 cULus CERTIFIED E315414

PITCH: 3.81 MM

SOLDERING  
 JEDEC LEAD FREE WAVE SOLDERING PROCESS

PACKAGING  
 BOX

DIMENSION  
 A = 3.81 x (NB PINS -1) +2.8  
 B = 3.81 x (NB PINS -1)  
 C = B +14.2  
 D = B +9

|                |           |      |    |                                                                                                                       |                                                                                                          |                                                                                                                       |  |                   |
|----------------|-----------|------|----|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--|-------------------|
| RoHS Compliant |           |      |    | <div>PROJECTION:</div> <div></div> | <div>GENERAL TOLERANCE</div> <div>.X = <math>\pm</math> 0.2</div> <div>.XX = <math>\pm</math> 0.15</div> | <div><br/>WÜRTH ELEKTRONIK</div> |  |                   |
| G              |           |      |    |                                                                                                                       |                                                                                                          |                                                                                                                       |  |                   |
| F              |           |      |    |                                                                                                                       |                                                                                                          |                                                                                                                       |  |                   |
| E              |           |      |    |                                                                                                                       |                                                                                                          |                                                                                                                       |  |                   |
| D              |           |      |    |                                                                                                                       |                                                                                                          |                                                                                                                       |  |                   |
| C              |           |      |    | APPROVAL: FBr                                                                                                         | UNIT: MM                                                                                                 | DESCRIPTION: SERIE 3083 - 3.81 MM REVERSED PCB VERTICAL WITH FLANGES                                                  |  | SIZE<br><b>A4</b> |
| B              |           |      |    |                                                                                                                       | SCALE:                                                                                                   |                                                                                                                       |  |                   |
| A              | 11-JUN-15 | PDF  | AK |                                                                                                                       | SHEET: 1/2                                                                                               | WERI PART NO: 691 308 330 0xx                                                                                         |  |                   |
| REV            | DATE      | FILE | BY |                                                                                                                       | DRAW: AK                                                                                                 |                                                                                                                       |  |                   |

