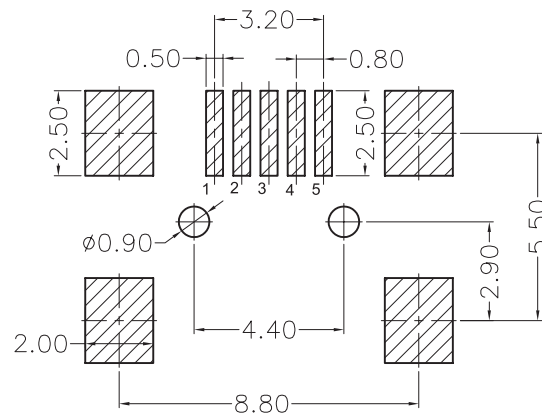
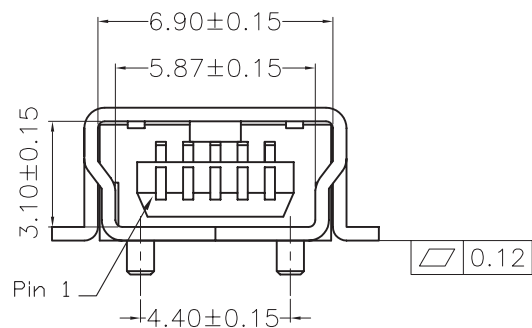
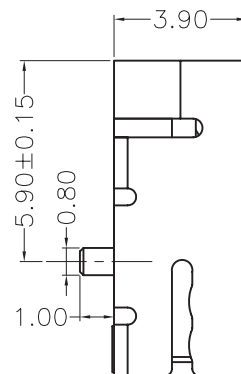
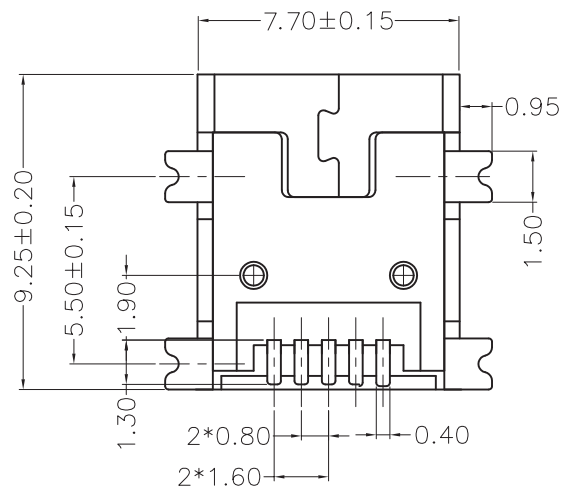




PCB LAYOUT - COMPONENT VIEW



#### TECHNICAL CHARACTERISTICS

**MATERIAL**  
 INSULATOR: LCP  
 FLAMABILITY RATING: UL94-V0  
 COLOR: BLACK  
 CONTACT MATERIAL: COPPER ALLOY  
 CONTACT TYPE: STAMPED  
 CONTACT PLATING: SELECTIVE GOLD  
 SHIELDING: BRASS NI PLATED  
 QUALITY CLASS: 1500 MATING CYCLES

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

**ELECTRICAL**  
 CURRENT RATING: 1A Max  
 WORKING VOLTAGE: 30V  
 INSULATOR RESISTANCE: >1000 MOHM  
 DIELECTRIC WITHSTANDING VOLTAGE: 750V AC/MN  
 CONTACT RESISTANCE: 20 mOHM MAX

**STANDARD**  
 CERTIFIED: E323964 / MODEL NUMBER 651 005 161 21

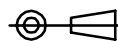
**SOLDERING**  
 REFLOW PROCESS ONLY

**PACKAGING**  
 TAPE & REEL WITH MYLAR

#### RoHS Compliant

|     |           |                 |    |
|-----|-----------|-----------------|----|
| G   | 08-NOV-11 | CURRENT RATING  | GG |
| F   | 22-JUN-11 | CURRENT RATING  | GG |
| E   | 29-APR-11 | PACKAGING       | GG |
| D   | 06-APR-11 | DIMENSION       | GG |
| C   | 15-FEB-10 | PACKAGING T & R | JP |
| B   | 09-DEC-09 | STANDARD        | JP |
| H   | 18-FEB-13 | DESIGNATION     | AR |
| REV | DATE      | FILE            | BY |

PROJECTION:



APPROVAL: RJ

GENERAL TOLERANCE

.X =  $\pm 0.2$

.XX =  $\pm 0.15$

UNIT: MM

SCALE:

SHEET: 1/2

DRAW: PEARL

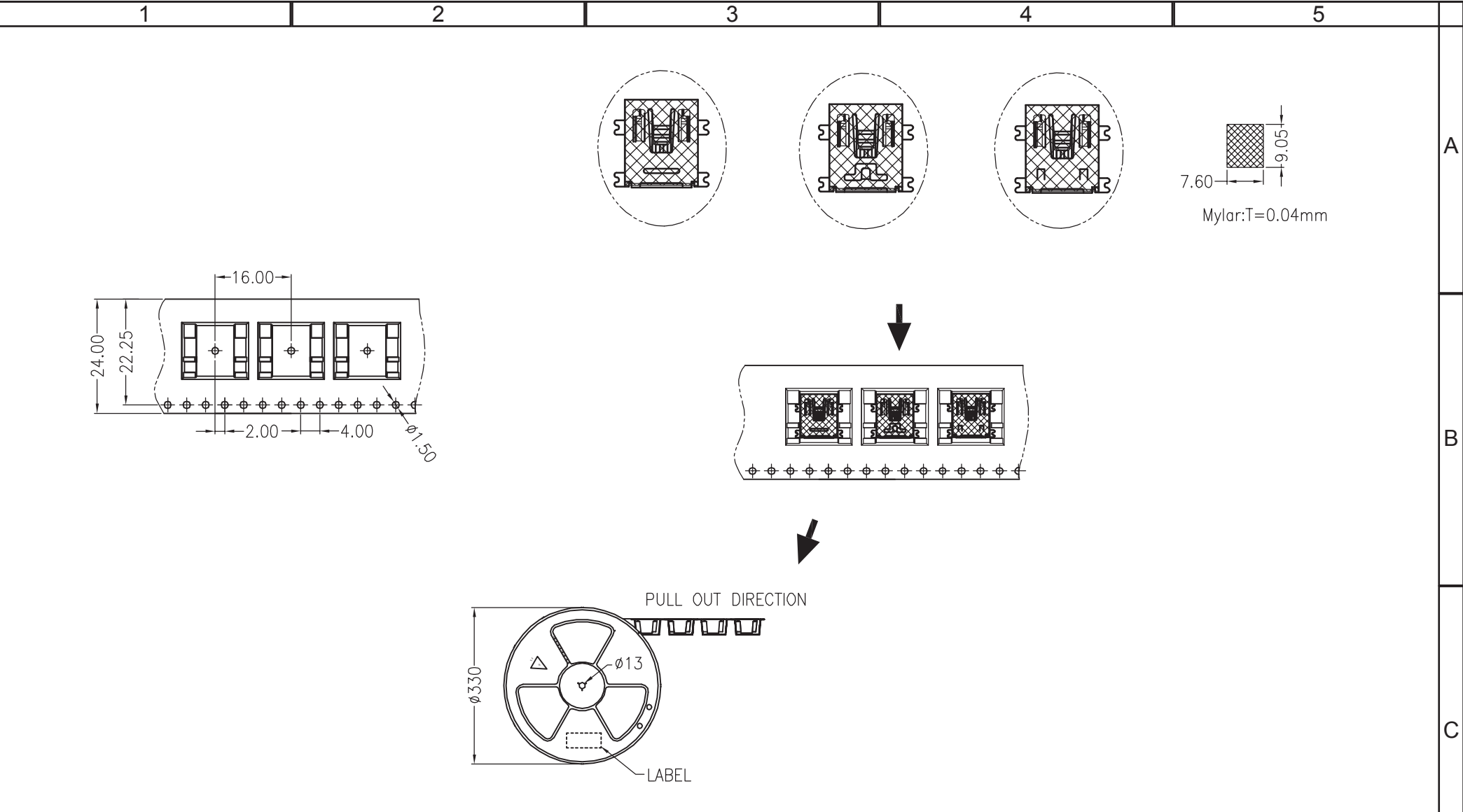


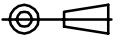
DESCRIPTION: MINI USB 2.0 SMT TYPE B 5 CONTACTS

WERI PART NO: 651 005 161 21

SIZE

**A4**



|                |      |      |    |                                                                                                    |                                                     |                                                                                                           |                   |
|----------------|------|------|----|----------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------|
| RoHS Compliant |      |      |    | PROJECTION:<br> | GENERAL TOLERANCE<br>.X = +/- 0.2<br>.XX = +/- 0.15 | <br>WÜRTH ELEKTRONIK |                   |
|                |      |      |    |                                                                                                    |                                                     |                                                                                                           |                   |
|                |      |      |    |                                                                                                    |                                                     |                                                                                                           |                   |
|                |      |      |    |                                                                                                    |                                                     |                                                                                                           |                   |
|                |      |      |    |                                                                                                    |                                                     |                                                                                                           |                   |
|                |      |      |    | APPROVAL: RJ                                                                                       | UNIT: MM                                            | DESCRIPTION: MINI USB SMT TYPE B 5 CONTACTS                                                               |                   |
|                |      |      |    |                                                                                                    | SCALE:                                              |                                                                                                           |                   |
|                |      |      |    |                                                                                                    | SHEET: 2/2                                          |                                                                                                           |                   |
|                |      |      |    |                                                                                                    | DRAW: PEARL                                         |                                                                                                           |                   |
| REV            | DATE | FILE | BY |                                                                                                    |                                                     | WERI PART NO: 651 005 161 21                                                                              | SIZE<br><b>A4</b> |

# AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit [www.ameya360.com](http://www.ameya360.com)

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd  
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email [amall@ameya360.com](mailto:amall@ameya360.com)

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email [service@ameya360.com](mailto:service@ameya360.com)

➤ Partnership :

Tel +86 (21) 64016692-8333

Email [mkt@ameya360.com](mailto:mkt@ameya360.com)