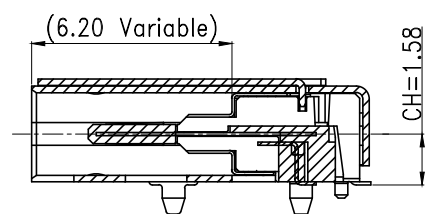
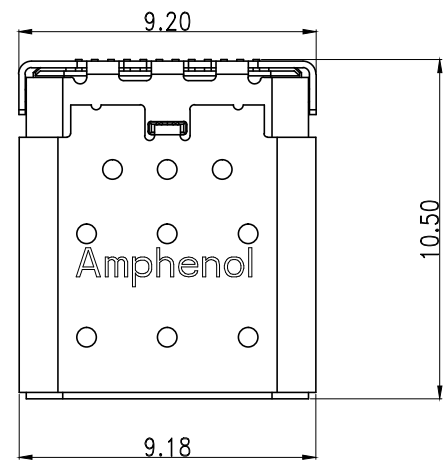


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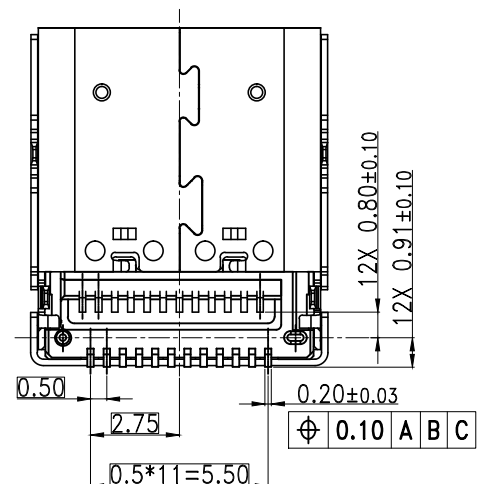
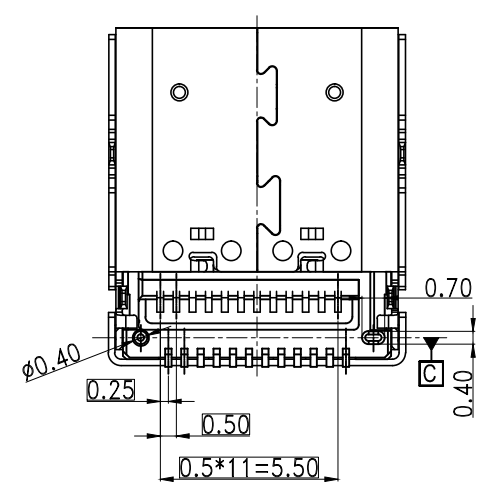
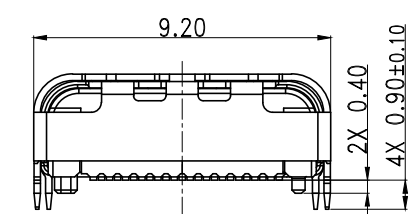
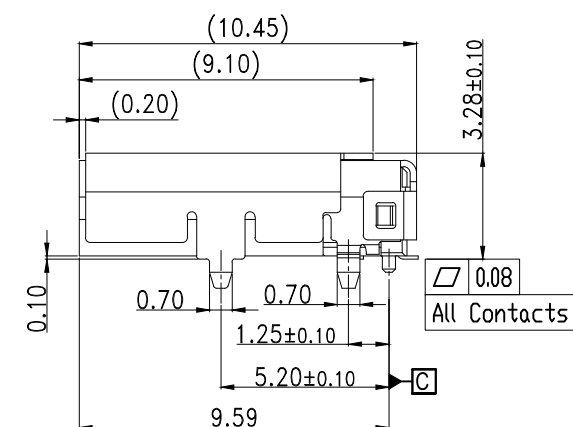
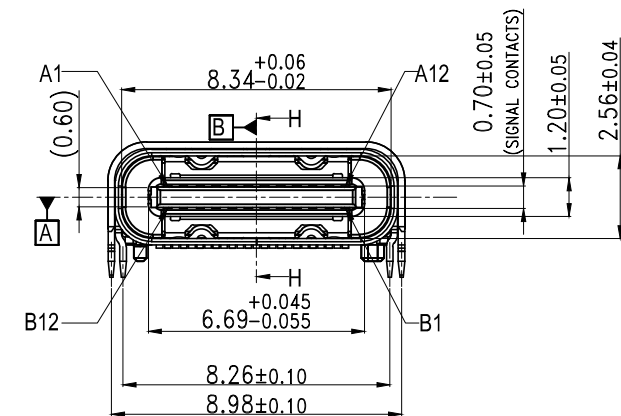
CUSTOMER DRAWING

| REVISIONS | | | | |
|-----------|----------|-------------|------------|----------|
| SYM | ECN | DESCRIPTION | DATE | APPROVED |
| 1 | 20200001 | NEW RELEASE | 2020/01/07 | Tom.Tang |



SECTION H-H

| Pin No | Signal Name | Mating Sequence | Pin No | Signal Name | Mating Sequence |
|--------|-------------|-----------------|--------|-------------|-----------------|
| A1 | GND | First | B12 | GND | First |
| A2 | TX1+ | Second | B11 | RX1+ | Second |
| A3 | TX1- | Second | B10 | RX1- | Second |
| A4 | Vbus | First | B9 | Vbus | First |
| A5 | CC1 | Second | B8 | SBU2 | Second |
| A6 | D+ | Second | B7 | D- | Second |
| A7 | D- | Second | B6 | D+ | Second |
| A8 | SBU1 | Second | B5 | CC2 | Second |
| A9 | Vbus | First | B4 | Vbus | First |
| A10 | RX2- | Second | B3 | TX2- | Second |
| A11 | RX2+ | Second | B2 | TX2+ | Second |
| A12 | GND | First | B1 | GND | First |
| SHELL | GND | | SHELL | GND | |

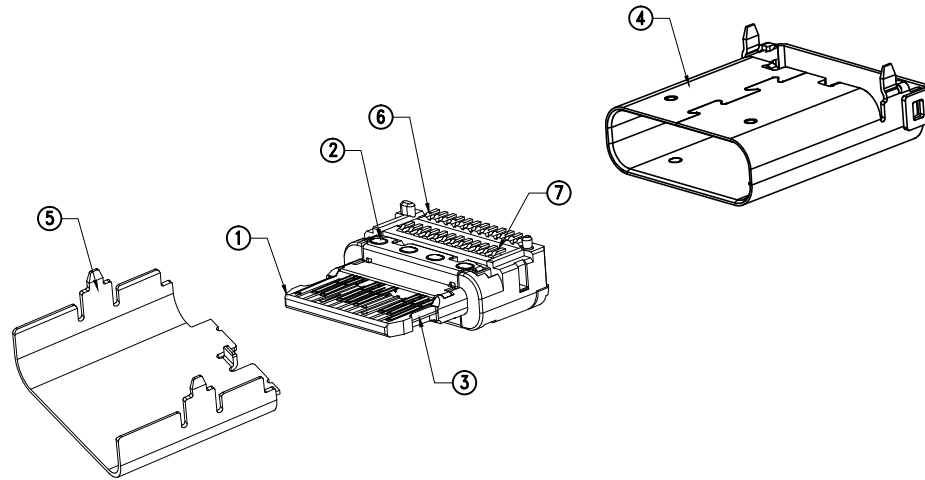


| UNLESS OTHERWISE SPECIFIED TOLERANCES | | APPROVAL | | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|----------------------------|---|-----------|----------|------|----------|----------|-------|--|----------------------------|--|---|--|--|--|--|------|-------------|------|--|--|----|------------|---|--|--|-------|------|--------------|--|--|
| | U.S. | METRIC | DRAWN | Fai.Wu | 01/07/20 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .X | +/- | 0.50 | CHECKED | Wilson.Lu | 01/07/20 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .XX | +/- | 0.15 | CHECKED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .XXX | +/- | 0.10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FRACTIONS | +/- | 3° | DRAWING FILE : R:\100\Engineering data\RD\工程图客户图 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANGLES | +/- | | ANGLE OF PROJECTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REMOVE SHARP EDGES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DIMENSIONS | | | <table border="1"> <tr> <td>U.S.</td> <td>INCHES</td> </tr> <tr> <td>(METRIC)</td> <td>(MM)</td> </tr> </table> | | | U.S. | INCHES | (METRIC) | (MM) | | | | | | | | | | | | | | | | | | | | | | | |
| U.S. | INCHES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (METRIC) | (MM) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td colspan="2">TITLE</td> <td colspan="2">Amphenol</td> </tr> <tr> <td colspan="2">DRAWN</td> <td colspan="2">Amphenol East Asia Limited</td> </tr> <tr> <td colspan="5">R/A ,top mount, Double SMT type, CH=1.58mm, No Waterproof</td> </tr> <tr> <td>SIZE</td> <td>DRAWING NO.</td> <td>REV.</td> <td colspan="2"></td> </tr> <tr> <td>A3</td> <td>C 12401824</td> <td>1</td> <td colspan="2"></td> </tr> <tr> <td>SCALE</td> <td>NONE</td> <td colspan="3">SHEET 1 OF 2</td> </tr> </table> | | | | | TITLE | | Amphenol | | DRAWN | | Amphenol East Asia Limited | | R/A ,top mount, Double SMT type, CH=1.58mm, No Waterproof | | | | | SIZE | DRAWING NO. | REV. | | | A3 | C 12401824 | 1 | | | SCALE | NONE | SHEET 1 OF 2 | | |
| TITLE | | Amphenol | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAWN | | Amphenol East Asia Limited | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R/A ,top mount, Double SMT type, CH=1.58mm, No Waterproof | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIZE | DRAWING NO. | REV. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A3 | C 12401824 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCALE | NONE | SHEET 1 OF 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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CUSTOMER DRAWING

| REVISIONS | | | | |
|-----------|-----|-------------|------|----------|
| SYM | ECN | DESCRIPTION | DATE | APPROVED |
| | | | | |



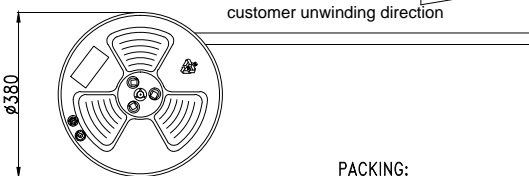
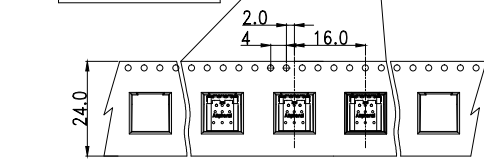
EXPLODE VIEW (SCALE N/A)

NOTES/注释:

- MATERIAL/材料: SEE TABLE/见下表**
- GENERAL SPECIFICATION/通用特性:**
 - COPLANARITY /共面度: 0.10 Max.**
 - CURRENT RATING: 5A / 额定电流: 5安培**
 - CONTACT RESISTANCE: 40mΩ MAX (INITIAL). INSULATION RESISTANCE: 100MΩ Min**
接触电阻: 40毫欧最大(初始值) / 绝缘电阻: 100MΩ Min
 - DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC**
耐电压: 100伏交流
 - MECHANICAL CHARACTERISTICS:**
INSERTION FORCE: 5~20N EXTRACTION FORCE: 8~20N
AFTER DURABILITY EXTRACTION FORCE: 6~20N
力学特性: 初始插入力: 5~20N 拔出力: 8~20N
耐久后拔出力: 6~20N
 - DURABILITY: 10000 CYCLES / 耐久性: 10000次**
 - PACKAGING TYPE: CARRIER TAPE./ 包装类型: 载带包装**
- DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5M 1994.**
尺寸标注基于ASME Y14.5M 1994标准规范
- MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC.# S-SN-002, FOR HALOGEN FREE PRODUCTS, ALSO NEED TO MEET S-SN-004.**
产品材料环保标准为Amphenol SSN#002,如果是无卤产品需满足标准SSN#004
- ORDER P/N SYSTEM/产品料号编码系统 : 12401824XX12A**

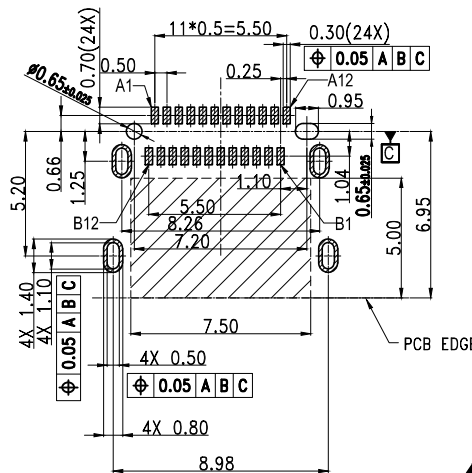
Plating Spec: _____
 E4: Mating Area: Au 30u" Min
 Solder Area: 100u" Min Matte Tin
 50u"Min Nickel Under Plating Over All

Empty after 20pcs Packaging 1000pcs Empty after 20pcs



PACK DIRECTION

PACKING:
 1. 1000 PCS/REEL.
 2. 8 REEL/CARTON.



RECOMMENDED PCB LAYOUT
 (Tolerance=±0.05)

Keep out zone
 (Connector mounted layer)



| ITEM | DESCRIPTION | Q'TY | MATERIAL |
|------|-----------------|------|--------------------------|
| 7 | EMC | 2 | STAINLESS STEEL |
| 6 | MID PLATE | 1 | STAINLESS STEEL |
| 5 | OUT SHELL | 1 | STAINLESS STEEL |
| 4 | MAIN SHELL | 1 | STAINLESS STEEL |
| 3 | BOTTOM TERMINAL | 1 | COPPER ALLOY |
| 2 | TOP TERMINAL | 1 | COPPER ALLOY |
| 1 | MOLDING HOUSING | 1 | HIGH TEMPERATURE PLASTIC |

| BILL OF MATERIAL | | | |
|---------------------------------------|--|-------------------------------|------------|
| UNLESS OTHERWISE SPECIFIED TOLERANCES | | APPROVAL | |
| U.S. METRIC | | DRAWN | DATE |
| .X +/- 0.50 | | Fat.Wu | 01/07/20 |
| .XX +/- 0.15 | | CHECKED | Wadeen.Liu |
| .XXX +/- 0.10 | | CHECKED | 01/07/20 |
| FRACTIONS +/- 3' | | DRAWING FILE : | |
| FOR MATERIALS AND FINISHES SEE NOTES | | R:DC-Engineering@amphenol.com | |
| REMOVE SHARP EDGES | | ANGLE OF PROJECTION | |
| DIMENSIONS | | SIZE | |
| U.S. INCHES | | DRAWING NO. | |
| (METRIC) (MM) | | A3 | |
| | | SCALE | |
| | | NONE | |
| | | SHEET 2 OF 2 | |

Amphenol
 Amphenol East Asia Limited
 TITLE USB 3.1 GEN2, Type C socket connector,
 R/A ,top mount, Double SMT type,
 CH=1.58mm, No Waterproof

SIZE A3
 SCALE NONE
 SHEET 2 OF 2