

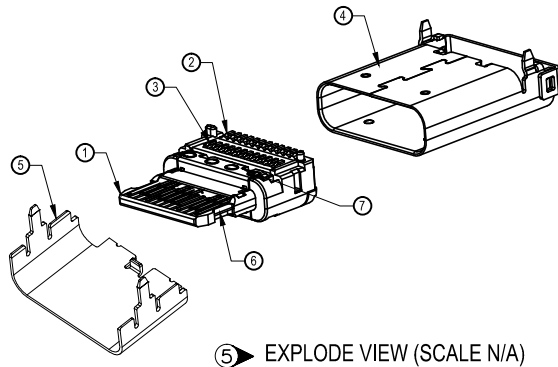
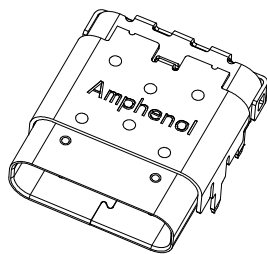
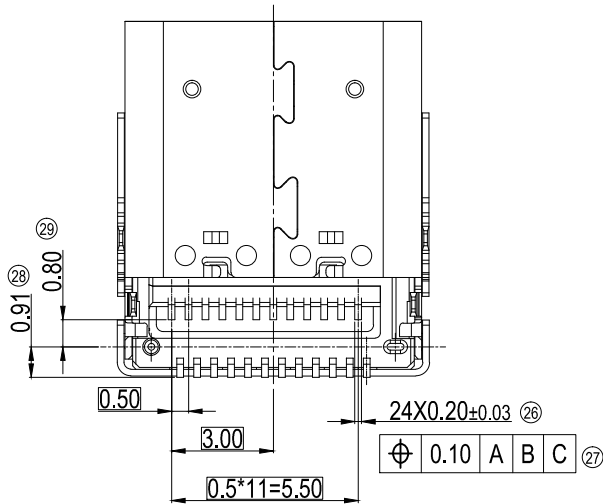
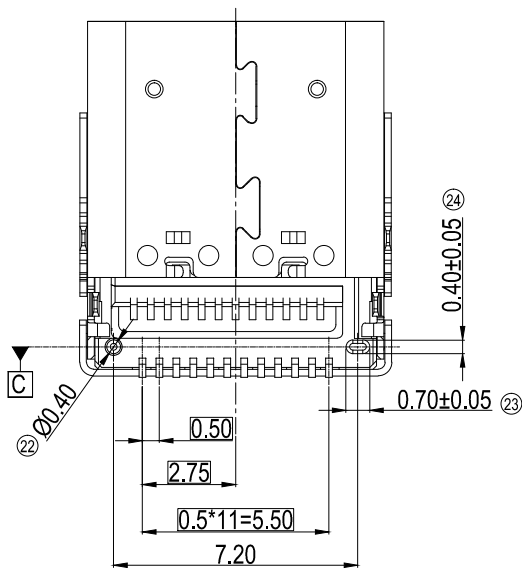
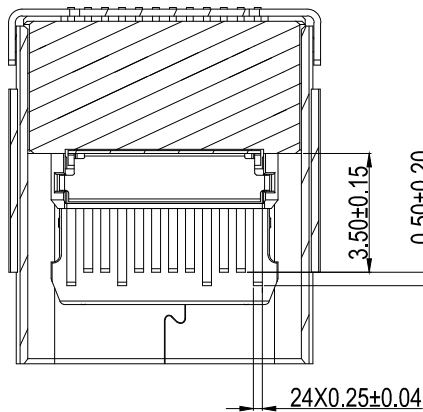
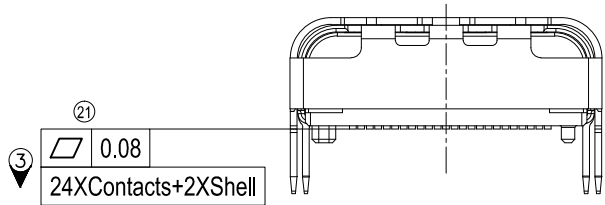
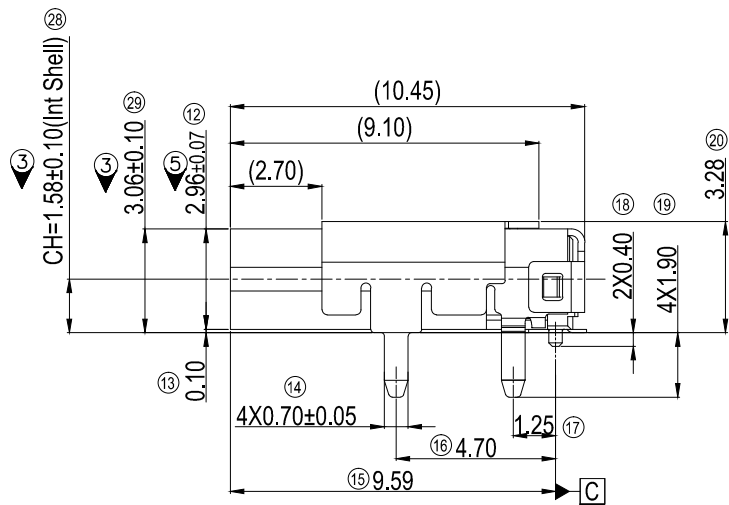
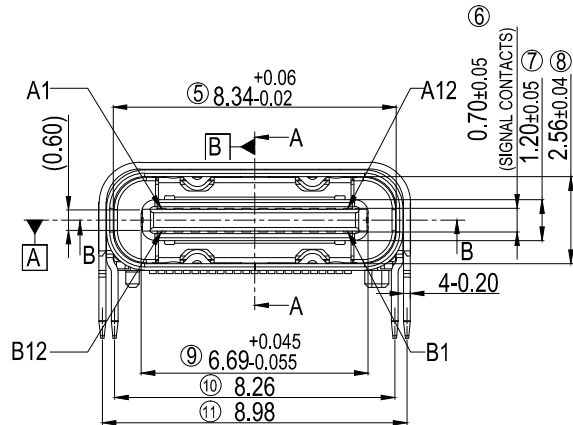
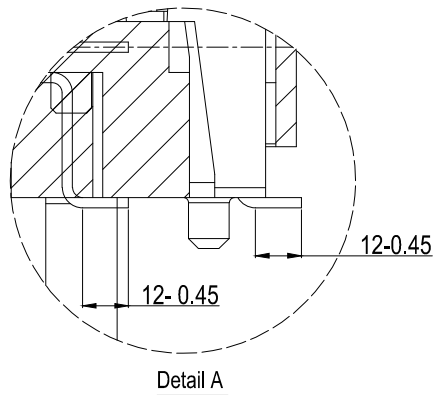
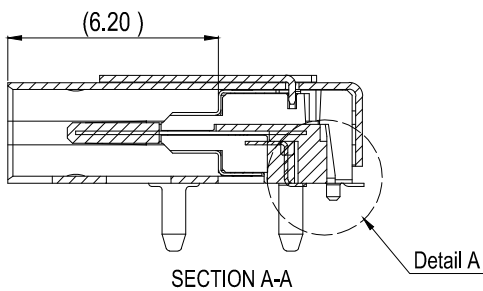
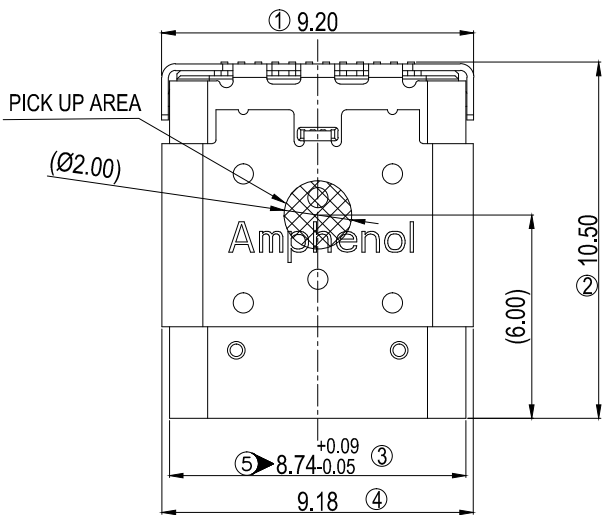
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# CUSTOMER DRAWING

## REVISIONS

| SYM | ECN  | DESCRIPTION                                | DATE       | APPROVED    |
|-----|------|--------------------------------------------|------------|-------------|
| 1   | XXXX | NEW RELEASE                                | 2020/01/07 | Tom.Tang    |
| 2   | XXXX | Add more dimension by customer requirement | 2020/02/18 | Michael.ip  |
| 3   | XXXX | Add more dimension by customer requirement | 2020/07/27 | Michael.ip  |
| 4   | XXXX | Add more dimension by customer requirement | 2020/10/30 | Michael.ip  |
| 5   | XXXX | Add more dimension by customer requirement | 2021/03/15 | Michael.ip  |
| 6   | XXXX | Add OPERATING TEMPERATURE                  | 2023/07/04 | Michael.Qin |
| 7   | XXXX | Add OPERATING TEMPERATURE                  | 2023/08/30 | Michael.Qin |

| 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    |             |                 |



|            |   |
|------------|---|
| HF(无卤)     | √ |
| Non-HF(有卤) |   |

| UNLESS OTHERWISE SPECIFIED TOLERANCES |     | APPROVAL            |             | DATE     |  | Amphenol                                                                    |  |  |
|---------------------------------------|-----|---------------------|-------------|----------|--|-----------------------------------------------------------------------------|--|--|
|                                       |     | DRAWN               | Allan.Lai   | 08/30/23 |  | Amphenol East Asia Limited                                                  |  |  |
| .X                                    | +/- | CHECKED             | Michael.Qin | 08/30/23 |  | TITLE USB 3.2, Type C connector, R/A, Top mount, Double SMT type, CH=1.58mm |  |  |
| .XX                                   | +/- | Michael.Qin         |             |          |  | SIZE A3                                                                     |  |  |
| .XXX                                  | +/- | DRAWING FILE :      |             |          |  | DRAWING NO. C 12401826                                                      |  |  |
| FRACTIONS                             | +/- | ANGLE OF PROJECTION |             |          |  | REV. 7                                                                      |  |  |
| ANGLES                                | +/- | REMOVE SHARP EDGES  |             |          |  | SCALE NONE                                                                  |  |  |
| FOR MATERIALS AND FINISHES SEE NOTES  |     | DIMENSIONS          |             |          |  | SHEET 1 OF 2                                                                |  |  |
|                                       |     | U.S. INCHES         |             |          |  |                                                                             |  |  |
|                                       |     | (METRIC) (MM)       |             |          |  |                                                                             |  |  |

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# CUSTOMER DRAWING

## REVISIONS

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

### NOTES/注释:

1. MATERIAL/材料: SEE TABLE/见下表

2. GENERAL SPECIFICATION/通用特性:

2.1 COPLANARITY /共面度: 0.10 Max.

2.2 CURRENT RATING: 6A / 额定电流: 6安培

2.3 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

2.4 DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC

耐电压: 100伏交流

2.5 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

2.6 DURABILITY: 10000 CYCLES / 耐久性: 10000次

2.7 PACKAGING TYPE: CARRIER TAPE./ 包装类型: 载带包装

3. DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5M 1994.

尺寸标注基于ASME Y14.5M 1994标准规范

4. 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

5. OPERATING TEMPERATURE/工作温度: -40°~+105°

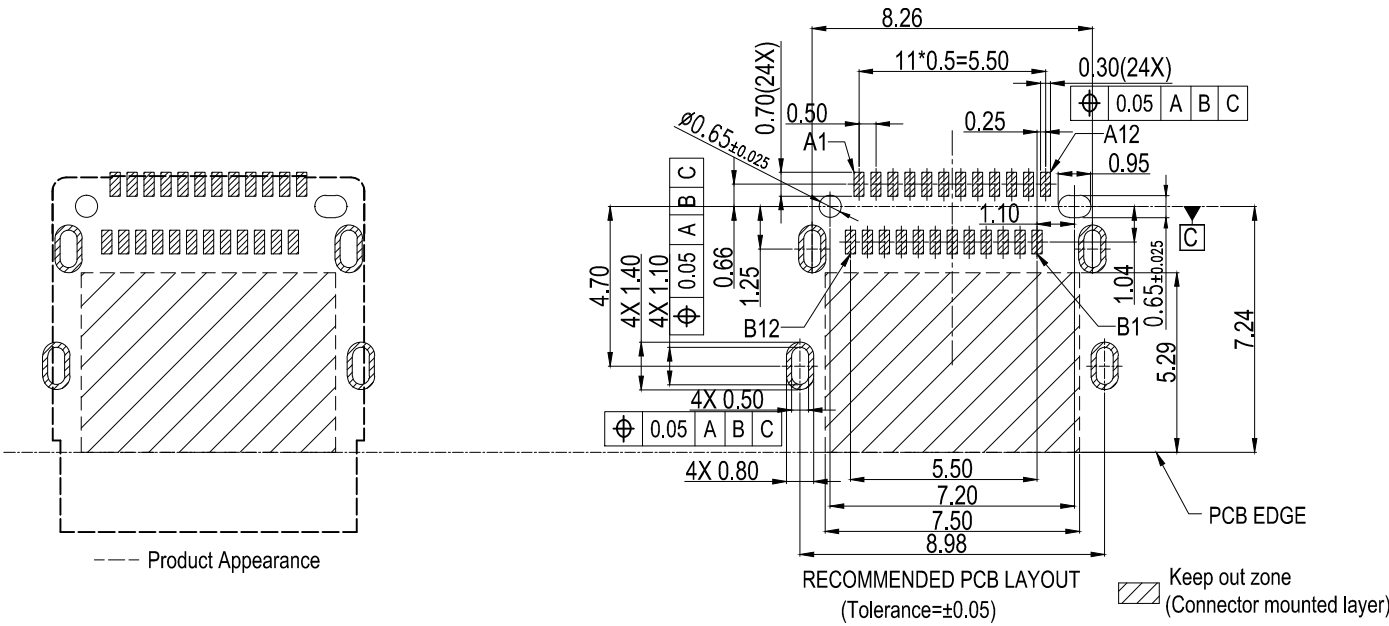
6. ORDER P/N SYSTEM/产品料号编码系统: 12401826XX12A

Plating Spec:

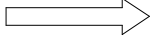
E4: Mating Area: Au 30u" Min

Solder Area: 100u" Min Matte Tin

50u"Min Nickel Under Plating Over All



Use Direction



Ø1.50

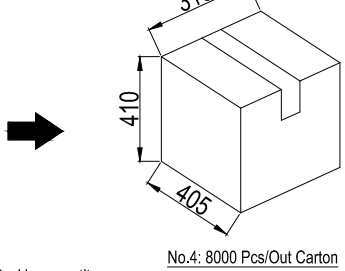
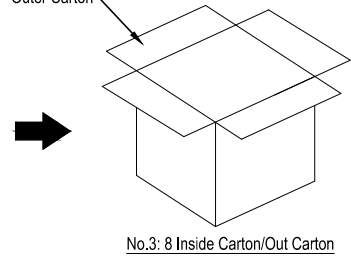
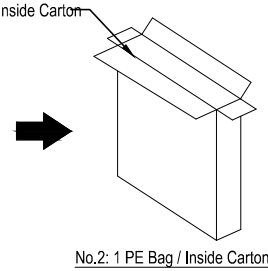
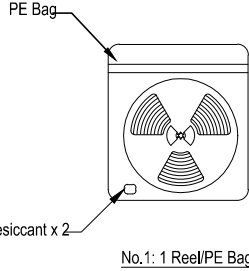
2.00  
16.00  
4.00

24.00

Empty after 25 PCS

Packaging 1000 PSC

Empty before 20 PCS



Packing quantity:

|                            |                    |          |
|----------------------------|--------------------|----------|
| 8(8000PCS)                 | 1                  | 1000     |
| Inside Carton/Outer Carton | Reel/Inside Carton | PCS/Reel |



|      |                 |      |                          |                         |         |
|------|-----------------|------|--------------------------|-------------------------|---------|
| 7    | EMC             | 2    | STAINLESS STEEL          | NICKEL: 50U" MIN        | T=0.08  |
| 6    | MID PLATE       | 1    | STAINLESS STEEL          | NICKEL: 50U" MIN        | T=0.15  |
| 5    | OUT SHELL       | 1    | STAINLESS STEEL          | NICKEL: 50U" MIN        | T=0.20  |
| 4    | MAIN SHELL      | 1    | STAINLESS STEEL          | SOLDER NICKEL: 50U" MIN | T=0.20  |
| 3    | BOTTOM TERMINAL | 1    | COPPER ALLOY             | SEE NOTES               | T=0.10  |
| 2    | TOP TERMINAL    | 1    | COPPER ALLOY             | SEE NOTES               | T=0.10  |
| 1    | MOLDING HOUSING | 1    | HIGH TEMPERATURE PLASTIC | BLACK                   | UL94V-O |
| ITEM | DESCRIPTION     | Q'TY | MATERIAL                 | FINISH                  | REMARKS |

### BILL OF MATERIAL

|                                       |  |                            |  |             |  |
|---------------------------------------|--|----------------------------|--|-------------|--|
| UNLESS OTHERWISE SPECIFIED TOLERANCES |  | APPROVAL                   |  | DATE        |  |
| U.S.                                  |  | DRAWN                      |  | Allan.Lai   |  |
| METRIC                                |  | CHECKED                    |  | Michael.Qin |  |
| +/-                                   |  | CHECKED                    |  | Michael.Qin |  |
| +/-                                   |  | DRAWING FILE :             |  |             |  |
| +/-                                   |  | ANGLE OF PROJECTION        |  |             |  |
| +/-                                   |  | REMOVE SHARP EDGES         |  |             |  |
| +/-                                   |  | DIMENSIONS                 |  |             |  |
| +/-                                   |  | U.S.                       |  | INCHES      |  |
| +/-                                   |  | METRIC                     |  | MM          |  |
|                                       |  | TITLE                      |  | Amphenol    |  |
|                                       |  | Amphenol East Asia Limited |  |             |  |
|                                       |  | SIZE                       |  | DRAWING NO. |  |
|                                       |  | A3                         |  | C 12401826  |  |
|                                       |  | SCALE                      |  | NONE        |  |
|                                       |  | SHEET                      |  | 2 OF 2      |  |
|                                       |  | REV.                       |  | 7           |  |