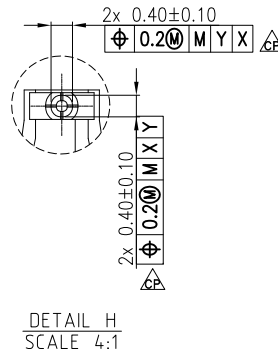
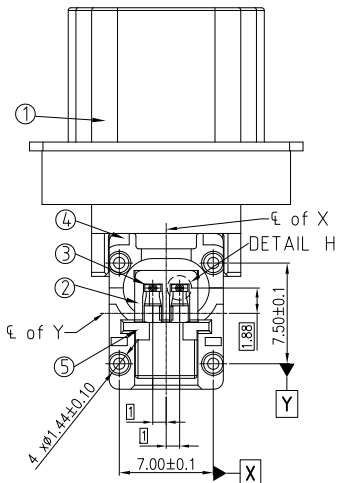
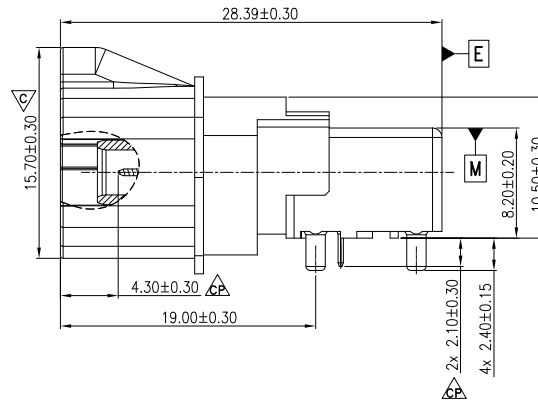
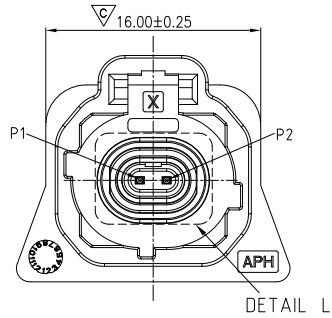
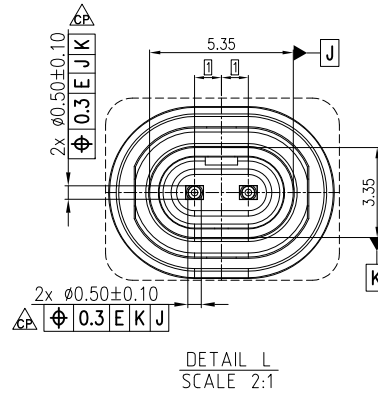
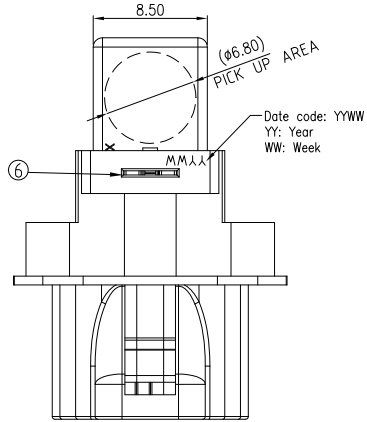


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# CUSTOMER DRAWING

## REVISIONS

| SYM | ECN | DESCRIPTION                   | DATE       | APPROVED |
|-----|-----|-------------------------------|------------|----------|
| 1   | N/A | FIRST RELEASE                 | 11/30/2022 | DAM      |
| 2   | N/A | ADD DIMENSIONS FOR PCB LAYOUT | 02/13/2023 | DAM      |
| 3   | N/A | UPDATE DESIGN                 | 05/16/2023 | DAM      |



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

## NOTES

1. MATERIAL(SEE TABLE A)
2. GENERAL SPECIFICATION:
  - 2.1 CURRENT CONTACT CARRYING CAPACITY MAXIMAL: 1.5A.
  - 2.2 CONTACT RESISTANCE: 10mΩ MAX.
  - 2.3 INSULATOR RESISTANCE: 100MΩ MIN.AT Vdc=500V.T=60S
  - 2.4 DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC
  - 2.5 OPERATION TEMPERATURE: -40°C~+105°C
3. MARKED  $\Delta$  MEANS PRODUCT SPECIAL CHARACTERISTIC. DIMENSION MARKED  $\nabla$  SHOULD CHECK THE CPK.
4. DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5M 1994.
5. COMPLIANCE WITH OPEN ALLIANCE TC9, IEEE100MBASE-T1, IEEE802.3ch-10GBASE-T1
6. BE SUITABLE FOR REFLOW SOLDERING OF JEDEC J-STD-020D STANDARD.
7. Refer to USCAR 777-S-002-1-Z01 INTERFACE DRAWING.

## ORDER P/N SYSTEM

VNTBR11X2002SR

## CODE OPTION

A:CODE A  
B:CODE B  
C:CODE C  
D:CODE D  
...  
Z:CODE Z

## PACKAGE

R:TAPE REEL

## TABLE A (BOM)

| ITEM | COMPONENTS | MATERIAL                                               | QTY |
|------|------------|--------------------------------------------------------|-----|
| ⑥    | BAFFLE     | STAINLESS STEEL,UNPLATED                               | 1   |
| ⑤    | LID        | ZINC ALLOY,NICKEL PLATED                               | 1   |
| ④    | DIE CAST   | ZINC ALLOY,TIN PLATED                                  | 1   |
| ③    | CONTACT    | COPPER ALLOY, Au 0.15um ON CONTACT, TIN ON SOLDER TAIL | 2   |
| ②    | HOLDER     | HIGH-TEMP. PLASTIC, BLACK                              | 1   |
| ①    | HOUSING    | HIGH-TEMP. PLASTIC, COLOR: SEE CODING DEFINITION       | 1   |

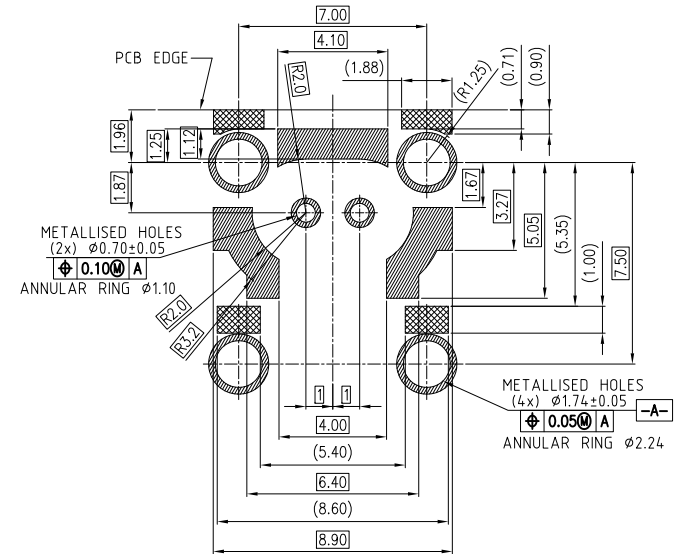
| UNLESS OTHERWISE SPECIFIED TOLERANCES | APPROVAL            | DATE     | Amphenol                        |  |
|---------------------------------------|---------------------|----------|---------------------------------|--|
| U.S.                                  | DRAWN Jackie.Tan    | 05/16/23 | Amphenol East Asia Limited      |  |
| METRIC                                | CHECKED Dam.He      | 05/16/23 | TITLE                           |  |
| .X +/- 0.50                           | CHECKED             |          | Ve-NET 1X1 R/A SEALED CONNECTOR |  |
| .XX +/- 0.30                          |                     |          | SIZE DRAWING NO.                |  |
| .XXX +/- 0.20                         |                     |          | A3 VNTBR11X2002SR               |  |
| FRACTIONS +/- 3°                      |                     |          | REV. 3                          |  |
| ANGLES +/-                            |                     |          | SCALE NONE SHEET 1 OF 2         |  |
| FOR MATERIALS AND FINISHES SEE NOTES  | DRAWING FILE :      |          |                                 |  |
| REMOVE SHARP EDGES                    | ANGLE OF PROJECTION |          |                                 |  |
| DIMENSIONS                            |                     |          |                                 |  |
| U.S. INCHES                           |                     |          |                                 |  |
| (METRIC) (MM)                         |                     |          |                                 |  |

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CUSTOMER DRAWING

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

|   |  |               |           |                |
|---|--|---------------|-----------|----------------|
| A |  | BLACK         | SIM. 9005 | VNTBR11A2002SR |
| B |  | WHITE         | SIM. 9010 | VNTBR11B2002SR |
| C |  | LIGHT BLUE    | SIM. 5012 | VNTBR11C2002SR |
| D |  | CLARET VIOLET | SIM. 4004 | VNTBR11D2002SR |
| Z |  | WATER BLUE    | SIM. 5021 | VNTBR11Z2002SR |



RECOMMENDED PCB LAYOUT THICKNESS=1.6mm

SCALE 2:1

SOLDER AREA

KEEP OUT AREA, FREE OF SOLDER, NO ROUTING UNDERNEATH

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



|                                       |        |        |                                                                                       |            |          |                                              |  |  |
|---------------------------------------|--------|--------|---------------------------------------------------------------------------------------|------------|----------|----------------------------------------------|--|--|
| UNLESS OTHERWISE SPECIFIED TOLERANCES |        |        | APPROVAL                                                                              |            | DATE     | Amphenol<br><br>Amphenol East Asia Limited   |  |  |
|                                       | U.S.   | METRIC | DRAWN                                                                                 | Jackie.Tan | 05/16'23 |                                              |  |  |
| .X                                    | +/-    | 0.50   | CHECKED                                                                               | Dam.He     | 05/16'23 |                                              |  |  |
| .XX                                   | +/-    | 0.30   | CHECKED                                                                               |            |          |                                              |  |  |
| .XXX                                  | +/-    | 0.20   |                                                                                       |            |          | TITLE<br><br>Ve-NET 1X1 R/A SEALED CONNECTOR |  |  |
| FRACTIONS                             | +/-    |        | DRAWING FILE :                                                                        |            |          |                                              |  |  |
| ANGLES                                | +/-    | 3°     | ANGLE OF PROJECTION                                                                   |            |          | SIZE DRAWING NO.<br>A3 VNTBR11X2002SR        |  |  |
| FOR MATERIALS AND FINISHES SEE NOTES  |        |        |  |            |          |                                              |  |  |
| REMOVE SHARP EDGES                    |        |        |                                                                                       |            |          | REV. 3                                       |  |  |
| DIMENSIONS                            |        |        |                                                                                       |            |          | SCALE NONE                                   |  |  |
| U.S.                                  | INCHES |        |                                                                                       |            |          | SHEET 2 OF 2                                 |  |  |
| (METRIC)                              | (MM)   |        |                                                                                       |            |          |                                              |  |  |