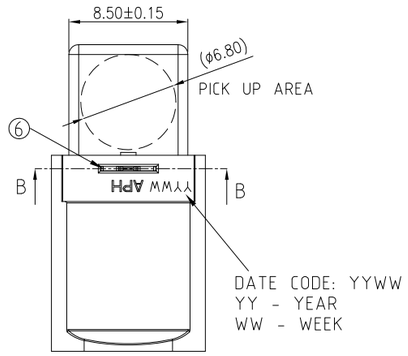
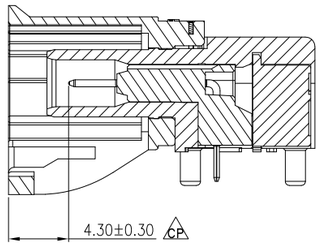
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CUSTOMER DRAWING

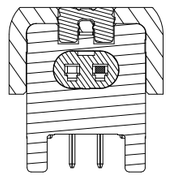
REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
1	N/A	FIRST RELEASE	11/14'2022	DAM
2	N/A	UPDATE THE PIN LAYOUT	11/15'2022	DAM
3	N/A	UPDATE DIMENSIONS FOR PCB LAYOUT	02/27'2023	DAM

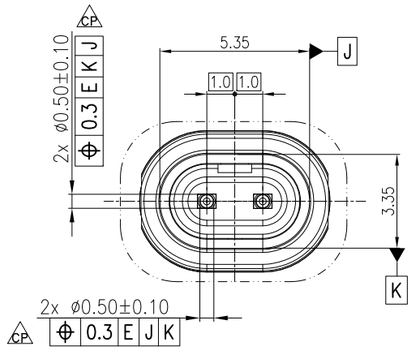




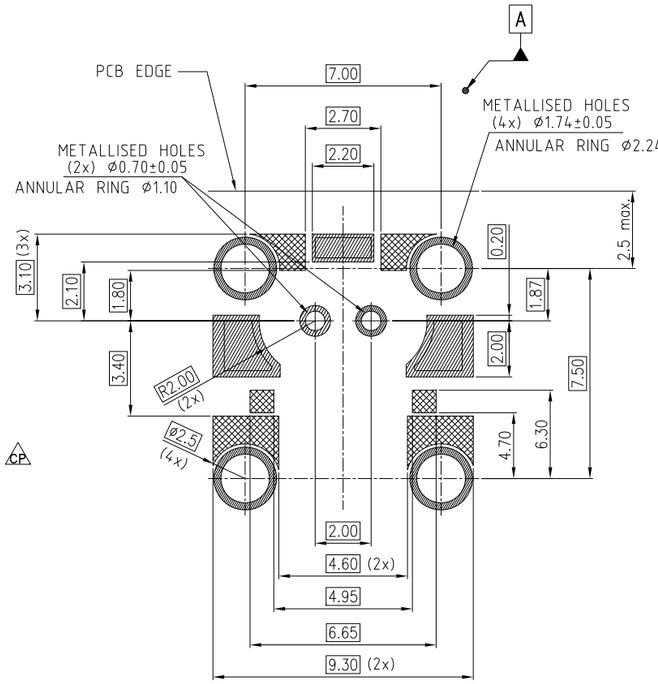
SECTION A-A

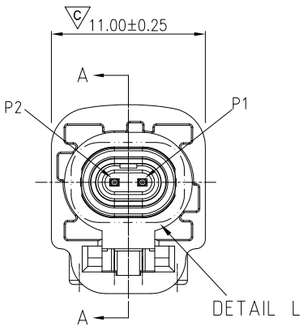


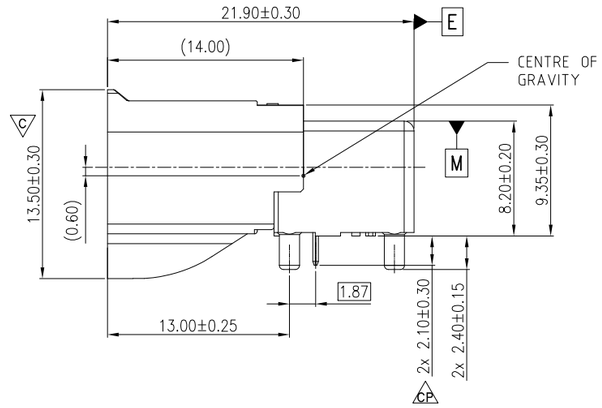
SECTION B-B

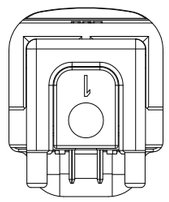


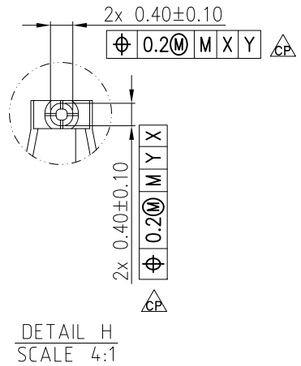
DETAIL L
SCALE 2:1











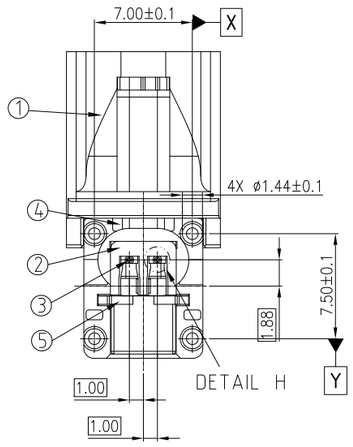
DETAIL H
SCALE 4:1

RECOMMENDED PCB LAYOUT THINCKNESS=1.6mm (TOLERANCE ±0.05)

ALL THROUGH HOLES ⌖ 0.05 A SCALE 2:1

SOLDER AREA

KEEP OUT AREA, FREE OF SOLDER, NO ROUTING UNDERNEATH



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 CP MEANS PRODUCT SPECIAL CHARACTERISTIC.
   DIMENSION MARKED C SHOULD CHECK THE CPK.
4. DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5M 1994.
5. COMPLIANCE WITH OPEN ALLIANCE TC9, IEEE1000MBASE-T1, IEEE802.3ch-10GBASE-T1
6. BE SUITABLE FOR REFLOW SOLDERING OF JEDEC J-STD-020D STANDARD.
7. Refer to USCAR 777-U-002-1-Z01_A INTERFACE DRAWING.
8. ORDER P/N SYSTEM

VNTBR11X2003SR
- CODE OPTION: A:CODE A, B:CODE B, C:CODE C, D:CODE D, ..., Z:CODE Z
- PACKAGE: R:TAPE REEL

HF(无卤)	√
Non-HF(有卤)	

TABLE A (BOM)

ITEM	COMPONENTS	MATERIAL	QTY
⑥	BAFFLE	SUS304, T=0.3mm, 1/2H	1
⑤	LID	ZINC ALLOY, 9~15um Cu UNDER PLATED,1~3um Ni TOP PLATED	1
④	DIE CAST	ZINC ALLOY,9~15um Cu UNDER PLATED,1~3um Ni MIDDLE PLATED, 1.25~6um Sn TOP PLATED	1
③	CONTACT	C2680, 1~3um Ni UNDER PLATED, Au 0.15um ON MATING AREA, TIN 2~5.08um ON SOLDER AREA	2
②	HOLDER	LCP R8530, UL94-V0, BLACK	1
①	HOUSING	HIGH-TEMP. PLASTIC, UL94-V0, COLOR: SEE CODING DEFINITION	1

UNLESS OTHERWISE SPECIFIED TOLERANCES

	U.S.	METRIC
.X	+/-	0.50
.XX	+/-	0.30
.XXX	+/-	0.20
FRACTIONS	+/-	
ANGLES	+/-	3°

FOR MATERIALS AND FINISHES SEE NOTES

REMOVE SHARP EDGES

DIMENSIONS U.S. / INCHES / (METRIC) / (MM)

APPROVAL		DATE
DRAWN	Jimmy Min	02/27'23
CHECKED	Dam He	02/27'23
CHECKED		
DRAWING FILE :		

ANGLE OF PROJECTION

Amphenol

Amphenol East Asia Limited

TITLE: Ve-NET 1X1 R/A UNSEALED CONNECTOR, Housing inverted 180°

SIZE	DRAWING NO.	REV.
A3	VNTBR11X2003SR	3

SCALE NONE SHEET 1 OF 2

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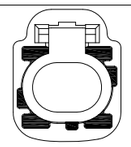
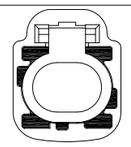
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CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED

CODING		COLOR	RAL	P/N
A		BLACK	SIM. 9005	VNTBR11A2002SR
B		WHITE	NATURAL	VNTBR11B2002SR
C		LIGHT BLUE	SIM. 5012	VNTBR11C2002SR
D		CLARET VIOLET	SIM. 4004	VNTBR11D2002SR
E*		MAY GREEN	SIM. 6017	VNTBR11E2002SR
F*		NUT BROWN	SIM. 8011	VNTBR11F2002SR
G*		PLATINUM GREY	SIM. 7036	VNTBR11G2002SR

CODING		COLOR	RAL	P/N
H*		LIGHT PINK	SIM. 3015	VNTBR11H2002SR
J*		BEIGE	SIM. 1001	VNTBR11J2002SR
K*		CURRY	SIM. 1027	VNTBR11K2002SR
L*		YELLOW GREEN	SIM. 6018	VNTBR11L2002SR
M*		PASTEL ORANGE	SIM. 2003	VNTBR11M2002SR
O*		LIGHT GREEN	SIM. 6027	VNTBR11O2002SR
Z		WATER BLUE	SIM. 5021	VNTBR11Z2002SR

(*) CODING ON REQUEST

Amphenol Shenzhen RoHS Compliant 2011/65/EU

HF(无卤)	√
Non-HF(有卤)	

UNLESS OTHERWISE SPECIFIED TOLERANCES

		U.S.	METRIC
.X	+/-		0.50
.XX	+/-		0.30
.XXX	+/-		0.20
FRACTIONS	+/-		
ANGLES	+/-		3°

FOR MATERIALS AND FINISHES SEE NOTES

REMOVE SHARP EDGES

DIMENSIONS U.S. (METRIC) INCHES (MM)

APPROVAL		DATE
DRAWN	Jimmy Min	02/27'23
CHECKED	Dam He	02/27'23
CHECKED		

DRAWING FILE :

ANGLE OF PROJECTION

Amphenol

Amphenol East Asia Limited

TITLE

Ve-NET 1X1 R/A UNSEALED CONNECTOR,
Housing inverted 180°

SIZE	DRAWING NO.	REV.
A3	VNTBR11X2003SR	3

SCALE NONE SHEET 2 OF 2

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