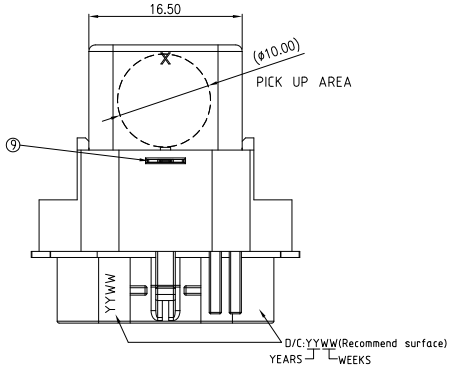
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CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	N/A	FIRST RELEASE	10/18'2021	DAM
2	N/A	CHANGE THE SOLDER PIN POSITION TOLERANCE TO 0.3	10/21'2021	DAM
3	N/A	UPDATE DIMENSIONS OF THE DRAWING	12/27'2021	DAM
4	N/A	CHANGE THE SOLDER PIN POSITION TOLERANCE TO 0.2	01/12'2022	DAM
5	N/A	CHANGE THE PIN NUMBER AND CANCEL THE PIN MARK	02/09'2022	DAM
6	N/A	CHANGE THE HOUSING LATCH	02/28'2022	DAM
7	N/A	ADD THE TOLERANCE FOR CRITICAL DIMENSION	04/27'2022	DAM
8	N/A	ADD THE TOLERANCE FOR CRITICAL DIMENSION	05/07'2022	DAM
9	N/A	ADD D/C & STANDARD OFF HEIGHT & SOME SCs	06/08'2022	DAM
10	N/A	ADD BAFFLE	08/03'2022	DAM
11	N/A	UPDATE DIMENSION STYLE OF BAFFLE	08/08'2022	DAM
12	N/A	CHANGE THE POSITION OF DATE CODE AND LOGO	08/12'2022	DAM
13	N/A	UPDATE THE STRUCTURE OF DIE CAST AND LID	09/28'2022	DAM
14	N/A	UPDATE DRAWING AND ADD CPK DIMENSION	10/28'2022	DAM
15	N/A	UPDATE CODING DIMENSION	11/02'2022	DAM
16	N/A	MODIFY DIE CAST STAND OFF HEIGHT;UPDATE DIMENSIONS	06/07'2023	DAM

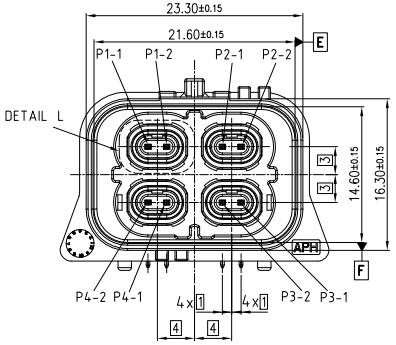


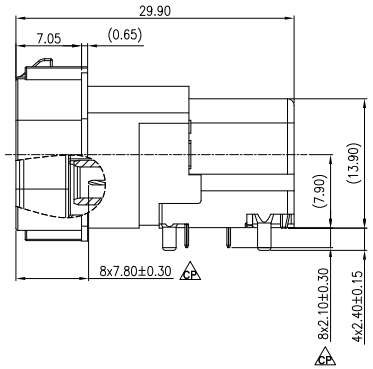
NOTES
1. MATERIAL(SEE TABLE A)
2. GENERAL SPECIFICATION:
   2.1 CURRENT RATING: 1.5A.
   2.2 CONTACT RESISTANCE: 20mΩ MAX.
   2.3 INSULATOR RESISTANCE: 100MΩ MIN.
   2.4 DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC
   2.5 OPERATION TEMPERATURE: -40°C~+105°C
3. DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5M 1994.
4. COMPLIANCE WITH OPEN ALLIANCE TC9, IEEE1000BASE-T1, IEEE802.3ch-10GBASE-T1
5. BE SUITABLE FOR REFLOW SOLDERING OF TEMPERATURE 260°C 30S.
6. REGRIND 0% FOR PLASTIC.
7. MARKED CP MEANS PRODUCT SPECIAL CHARACTERISTIC.
   DIMENSION MARKED C SHOULD CHECK THE CPK.
8. ORDER P/N SYSTEM

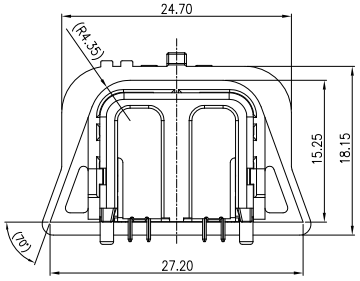
VNTBR22X2000SX

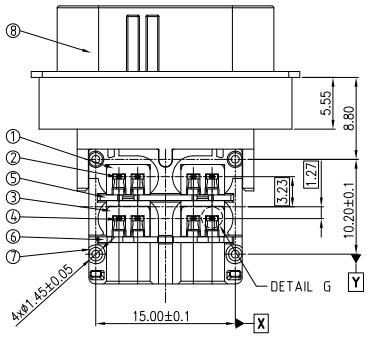
CODE OPTION
A:CODE A
B:CODE B
C:CODE C
D:CODE D
...
Z:CODE Z

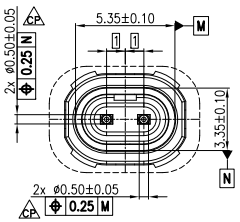
PACKAGE
R:TAPE REEL
T:TRAY



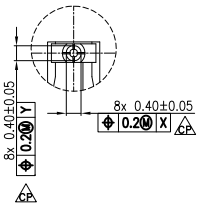




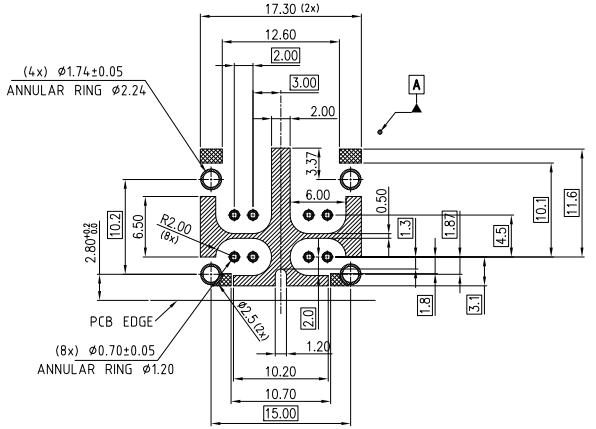




DETAIL L
SCALE 2:1



DETAIL G
SCALE 4:1



RECOMMENDED PCB LAYOUT THINCKNESS 1.6mm~1.85mm (TOLERANCE ±0.05)
ALL THROUGH HOLES ⌖ 0.05 A

SOLDER AREA

KEEP OUT AREA, FREE OF SOLDER, NO ROUTING UNDERNEATH

TABLE A (BOM)

ITEM	COMPONENTS	MATERIAL	QTY
⑨	BAFFLE	STAINLESS STEEL	1
⑧	HOUSING	HIGH-TEMP. PLASTIC, UL94-V0, COLOR: SEE CODING DEFINITION	1
⑦	DIE CAST	ZINC ALLOY, TIN PLATED	1
⑥	LID-L	BRASS, Ni PLATED	1
⑤	LID-S	BRASS, TIN PLATED	1
④	CONTACT-L	COPPER ALLOY, Au 0.15um ON CONTACT, TIN ON SOLDER TAIL	4
③	HOLDER-L	HIGH-TEMP. PLASTIC BLACK, UL94-V0	2
②	CONTACT-S	COPPER ALLOY, Au 0.15um ON CONTACT, TIN ON SOLDER TAIL	4
①	HOLDER-S	HIGH-TEMP. PLASTIC BLACK, UL94-V0	2

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. / INCHES (METRIC) / (MM)

APPROVAL		DATE
DRAWN	Jackie.Tan	06/07'23
CHECKED	Dam.He	06/07'23
CHECKED		
DRAWING FILE :		

ANGLE OF PROJECTION

Amphenol
Amphenol East Asia Limited

TITLE
Ve-NET 2X2 R/A SEALED CONNECTOR

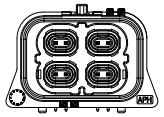
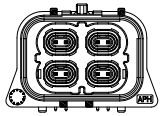
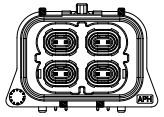
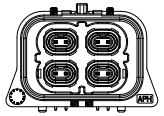
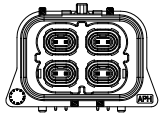
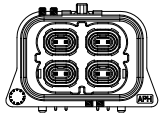
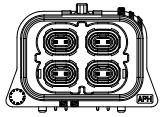
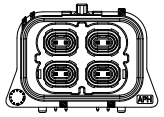
SIZE	DRAWING NO.	REV.
A3	VNTBR22X2000SX	16
SCALE	NONE	SHEET 1 OF 2

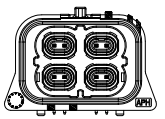
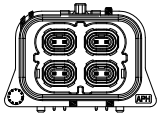
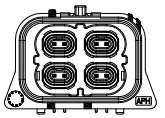
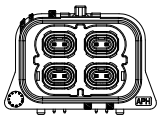
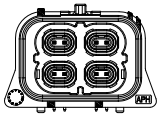
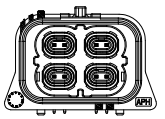
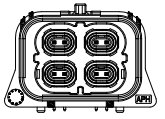
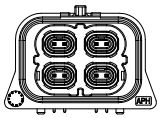
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CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED

CODING		COLOR	RAL	P/N
A		BLACK	SIM. 9005	VNTBR22A2000SR VNTBR22A2000ST
B		WHITE	SIM. 9010	VNTBR22B2000SR VNTBR22B2000ST
C		LIGHT BLUE	SIM. 5012	VNTBR22C2000SR VNTBR22C2000ST
D		CLARET VIOLET	SIM. 4004	VNTBR22D2000SR VNTBR22D2000ST
E*		MAY GREEN	SIM. 6017	VNTBR22E2000SR VNTBR22E2000ST
F*		NUT BROWN	SIM. 8011	VNTBR22F2000SR VNTBR22F2000ST
G*		PLATINUM GREY	SIM. 7036	VNTBR22G2000SR VNTBR22G2000ST
H*		LIGHT PINK	SIM. 3015	VNTBR22H2000SR VNTBR22H2000ST

CODING		COLOR	RAL	P/N
J*		BEIGE	SIM. 1001	VNTBR22J2000SR VNTBR22J2000ST
K*		CURRY	SIM. 1027	VNTBR22K2000SR VNTBR22K2000ST
L*		YELLOW GREEN	SIM. 6018	VNTBR22L2000SR VNTBR22L2000ST
M*		PASTEL ORANGE	SIM. 2003	VNTBR22M2000SR VNTBR22M2000ST
N*		PASTEL GREEN	SIM. 6019	VNTBR22N2000SR VNTBR22N2000ST
P*		CARMINE RED	SIM. 3002	VNTBR22P2000SR VNTBR22P2000ST
R*		SIGNAL BLUE	SIM. 5005	VNTBR22R2000SR VNTBR22R2000ST
Z		WATER BLUE	SIM. 5021	VNTBR22Z2000SR VNTBR22Z2000ST

(*) 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. / INCHES (METRIC) / (MM)

APPROVAL		DATE
DRAWN	Jackie.Tan	06/07'23
CHECKED	Dam.He	06/07'23
CHECKED		

DRAWING FILE :

ANGLE OF PROJECTION

Amphenol

Amphenol East Asia Limited

TITLE

Ve-NET 2X2 R/A SEALED CONNECTOR

SIZE	DRAWING NO.	REV.
A3	VNTBR22X2000SX	16

SCALE	NONE	SHEET 2 OF 2

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