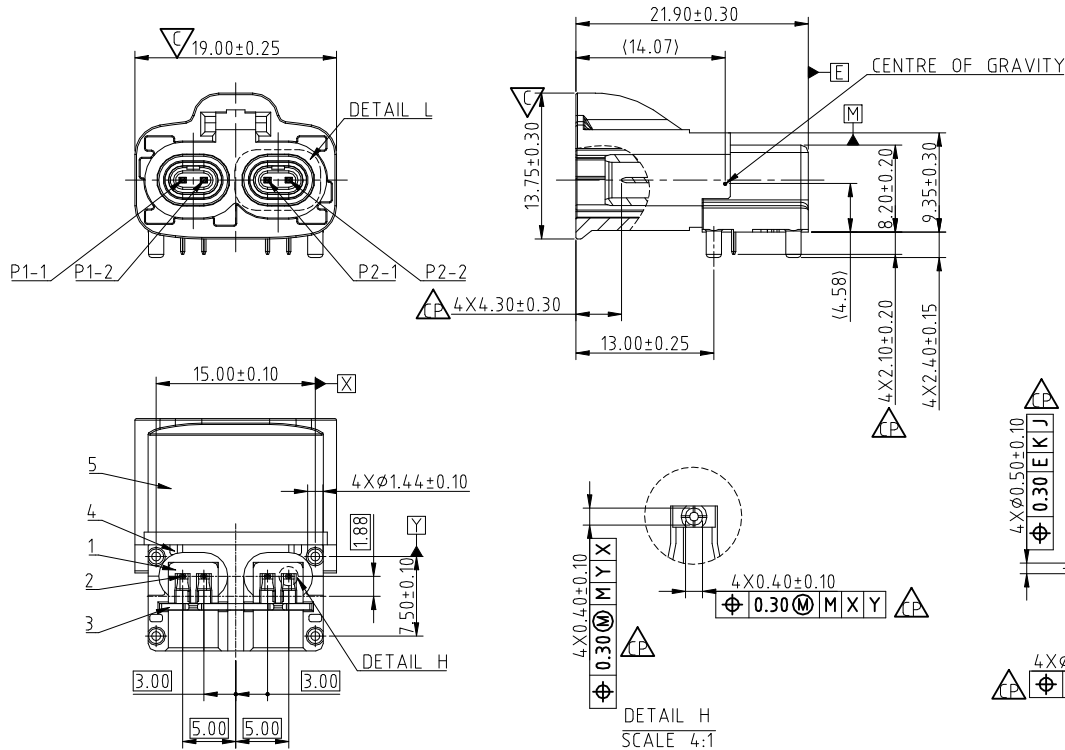
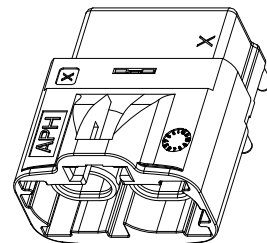
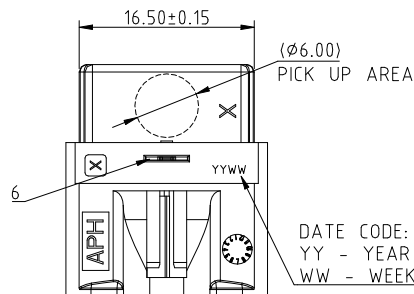


CUSTOMER DRAWING

REV.	ECN	DESCRIPTION	DESIGN	CHECK	APPROVAL	DATE
1	N/A	INITIAL RELEASE	DANE	DAM HE	MICHAEL IP	2022.02.07
2	N/A	UPDATE THE LAYOUT	DANE	DAM HE	MICHAEL IP	2022.03.29
3	N/A	ADD SC DEFINITION & D/C; UPDATE DIM.	JOHNNY FENG	DAM HE	MICHAEL IP	2022.06.12
4	N/A	PIN POSITION PCB SIDE CHANGE FROM 0.3 TO 0.2	JOHNNY FENG	DAM HE	MICHAEL IP	2022.06.18
5	N/A	UPDATE DESIGN;UPDATE DIMENSIONING	JACKIE TAN	DAM HE	MICHAEL IP	2022.06.28
6	N/A	UPDATE BAFFLE	JIMMY MIN	DAM HE	MICHAEL IP	2022.08.03
7	N/A	UPDATE BAFFLE;UPDATE DIMENSIONING	JACKIE TAN	DAM HE	MICHAEL IP	2022.08.26
8	N/A	UPDATE DRAWING	JIMMY MIN	DAM HE	MICHAEL IP	2022.09.05
9	N/A	ADD CPK DIMENSION AND UPDATE CPK SYMBOL	JIMMY MIN	DAM HE	MICHAEL IP	2022.11.04
10	N/A	ADD CPK DIMENSION AND UPDATE CPK SYMBOL	JACKIE TAN	DAM HE	MICHAEL IP	2022.11.09
11	HK11627	UPDATE DIE CAST; UPDATE D/C	JACKIE TAN	DAM HE	MICHAEL IP	2023.05.30
12	HK15922	MODIFY THE TOLERANCE OF SOLDER PIN LENGTH FROM+/-0.30 TO +/-0.20	RUFENG SHI	DAM HE	OLIVER YU	2025.09.12



NOTES

- MATERIAL(SEE TABLE A)
- GENERAL SPECIFICATION:
 - CURRENT RATING: 1.5A.
 - CONTACT RESISTANCE: 20mΩ MAX.
 - INSULATOR RESISTANCE: 100MΩ MIN.AT Vdc=500V.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC.
 - OPERATION TEMPERATURE: -40°C~+105°C
 - NUMBER OF CYCLES: 25 CYCLES
 - MATING FORCE: ≤75N
 - UN-MATING FORCE:≤75N
- MARKED ▽ MEANS PRODUCT SPECIAL CHARACTERISTIC. DIMENSION MARKED △ SHOULD CHECK THE CPK.
- DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5M 1994.
- COMPLIANCE WITH OPEN ALLIANCE TC9 AND IEEE802.3ch 1000BASE-T1, 2.5/5/10GBASE-T1.
- BE SUITABLE FOR REFLOW SOLDERING OF JEDEC J-STD-020D STANDARD.
- REGRIND 0% FOR PLASTIC.
- REFER TO USCAR 777-U-004-1-Z01 INTERFACE DRAWING.
- ORDER P/N SYSTEM:

VNTBR12X2001SR
 CODE OPTION
 A:CODE A
 B:CODE B
 C:CODE C
 D:CODE D
 ...
 Z:CODE Z
 PACKAGE
 R:TAPE REEL

XX.XXg±10%
 WEIGTH(g/pcs)

BOM/ 物料清单:

ITEM	P/N 料号	DESCRIPTIONS / 描述	QTY/数量	UNIT/单位
6	BAFFLE	SUS304 1/2H, T=0.30mm.	1	PCS
5	HOUSING	PA10T R6130NH, COLOR: SEE CODING DEFINITION	1	PCS
4	DIECAST	ZINC ALLOY 3#,MATTE TIN 1.25~6um PLATED	1	PCS
3	LID	C2680R-H,T0.60mm,MATTE TIN 1.25~6um PLATED	1	PCS
2	CONTACT	C2680R-H,Au 0.15um ON CONTACT, MATTE-TIN 2~5.08um ON SOLDER TAIL	4	PCS
1	HOLDER	LCP R8530 BK301,UL94V-0,BLACK.	2	PCS

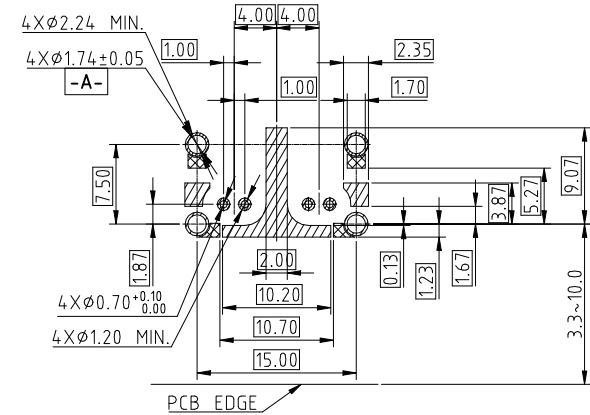


HF	√	.XXX± 0.2	.XXX°± 3°
Non-HF		UNITS:	mm

CUSTOMER P/N.: NA		安费诺东亚电子科技 (深圳)有限公司 Amphenol East Asia Electronic Technology (ShenZhen) CO. LTD.		
CUSTOMER REV.: NA				
PART NO. VNTBR12X2001SR		TITLE: Ve-NET RA 1X2 UNSEALED BOARD		
APPD: MICHAEL IP	2022.02.07	SCALE	SHEET	REV.
CHKD: DAM HE	2022.02.07			
DRAW: DANE	2022.02.07			
		NONE	1/2	12

	CODING	COLOR	RAL	P/N
A		BLACK	SIM. 9005	VNTBR12A2001SR
B		WHITE	SIM. 9010	VNTBR12B2001SR
C		LIGHT BLUE	SIM. 5012	VNTBR12C2001SR
D		CLARET VIOLET	SIM. 4004	VNTBR12D2001SR
E _x		MAY GREEN	SIM. 6017	VNTBR12E2001SR
F _x		NUT BROWN	SIM. 8011	VNTBR12F2001SR
Z		WATER BLUE	SIM. 5021	VNTBR12Z2001SR

(x) CODING ON REQUEST



RECOMMENDED PCB LAYOUT THINCKNESS 1.60mm~1.80mm

ALL THROUGH HOLES: $\text{⌀} 0.05 \text{ A}$ TOLERANCE: ± 0.05

SOLDER AREA

KEEP OUT AREA, FREE OF SOLDER, NO ROUTING UNDERNEATH

XX.XXg±10%

WEIGHT(g/pcs)

CUSTOMER P/N.: NA	安费诺东亚电子科技 (深圳)有限公司 Amphenol East Asia Electronic Technology (ShenZhen) CO. LTD.						
CUSTOMER REV.: NA							
PART NO. VNTBR12X2001SR	TITLE: Ve-NET RA 1X2 UNSEALED BOARD						
APPD: MICHAEL IP 2022.02.07	<table border="1"> <tr> <td>SCALE</td> <td>SHEET</td> <td>REV.</td> </tr> <tr> <td>NONE</td> <td>2/2</td> <td>12</td> </tr> </table>	SCALE	SHEET	REV.	NONE	2/2	12
SCALE		SHEET	REV.				
NONE		2/2	12				
CHKD: DAM HE 2022.02.07							
DRAW: DANE 2022.02.07							



X.± 1	X.°± 3°
.X± 0.5	.X°± 3°
.XX± 0.3	.XX°± 3°
HF	√ .XXX± 0.2 .XXX°± 3°
Non-HF	UNITS: mm