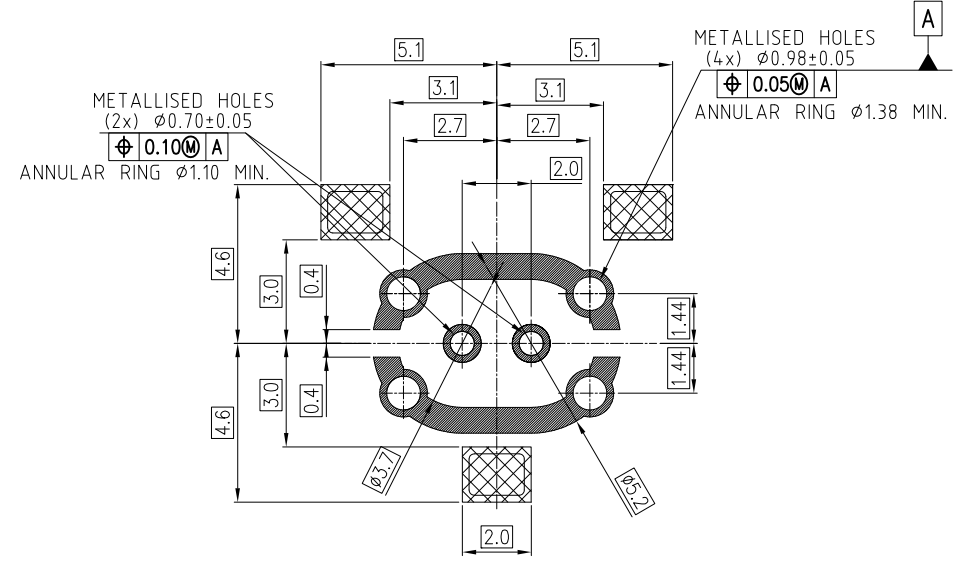
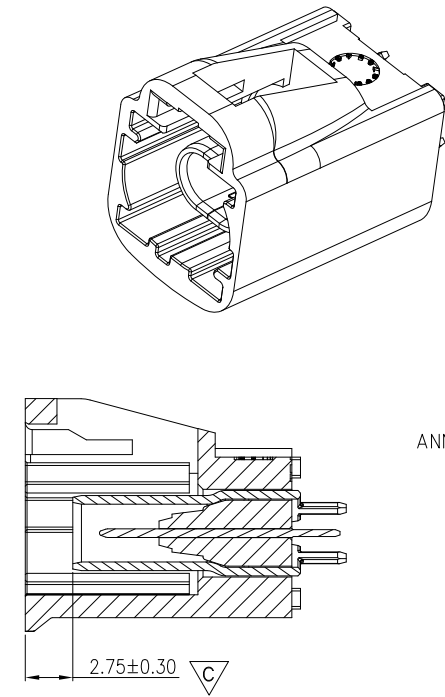
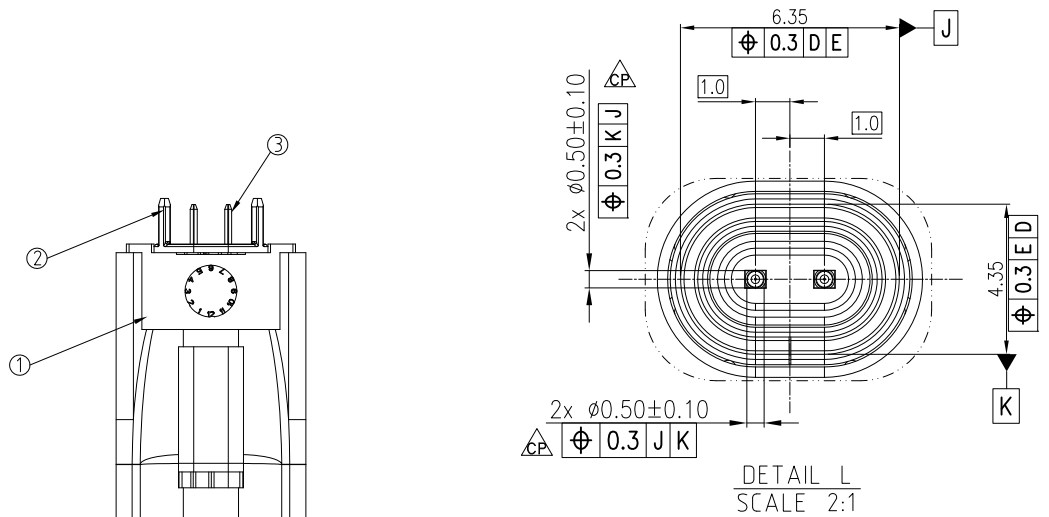


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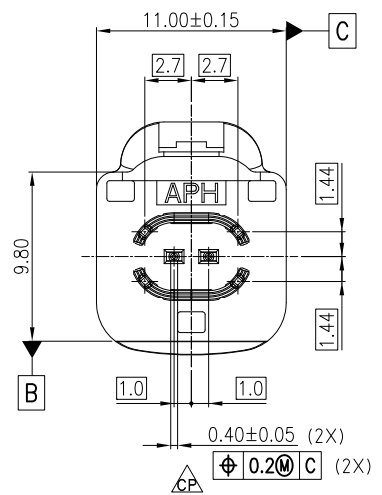
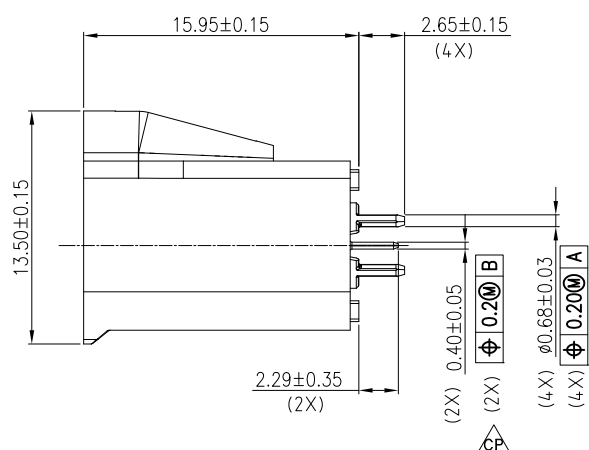
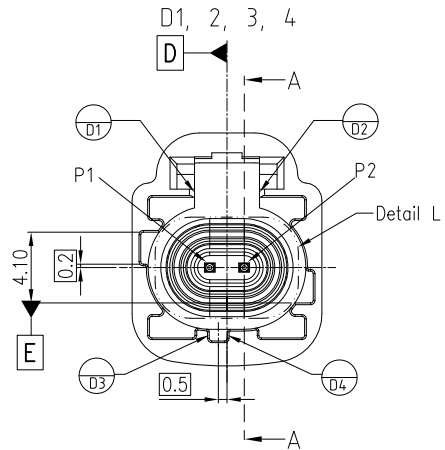
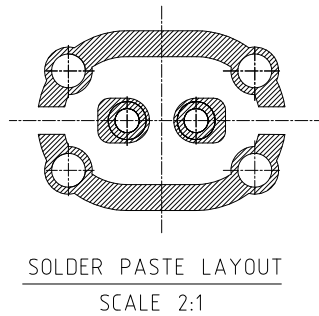
CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1		FIRST RELEASE	02/16'2022	DAM
2		UPDATE THE LAYOUT	02/17'2022	DAM
3		UPDATE THE LOGO MARKING	03/29'22	DAM
4		ADD SPECIAL FEATURE SYMBOL	10/20'22	DAM



RECOMMENDED PCB LAYOUT THICKNESS=1.6mm
SCALE 2:1

- PCB PAD
- ⊗ 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 V_{dc}=500V, T=60S
 - 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 Δ MEANS PRODUCT SPECIAL CHARACTERISTIC. DIMENSION MARKED ∇ SHOULD CHECK THE CPK.
8. INTERFACE REFER TO USCAR-EWCAP 777-U-002-1-Z01.A.
9. ORDER P/N SYSTEM
VNTBV11X2001SX

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



HF(无卤) ✓
 Non-HF(有卤)

TABLE A (BOM)

ITEM	COMPONENTS	MATERIAL	QTY
③	CONTACT	COPPER ALLOY, Au 0.15um ON CONTACT, TIN 2~5um ON SOLDER TAIL	2
②	SHIELDING	COPPER ALLOY, TIN 1.25~6um PLATED OVER Ni	1
①	HOUSING	HIGH-TEMP. PLASTIC	1

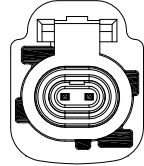
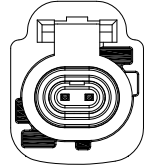
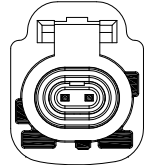
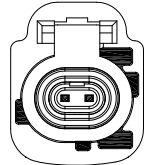
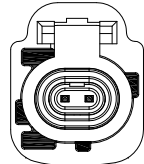
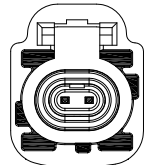
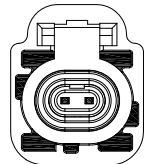
UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE	Amphenol
		DRAWN	Jimmy	Min	
.X	+/-	CHECKED			Amphenol East Asia Limited
.XX	+/-	CHECKED			
.XXX	+/-	DRAWING FILE :			TITLE
FRACTIONS	+/-	ANGLE OF PROJECTION			Ve-NET 1X1 V/T RECEPTACLE CONNECTOR
ANGLES	+/-	3°			SIZE
FOR MATERIALS AND FINISHES SEE NOTES		REMOVE SHARP EDGES			DRAWING NO.
DIMENSIONS		U.S. INCHES			A3
(METRIC) (MM)		SCALE		NONE	VNTBV11X2001SX
		SHEET		1 OF 2	REV.
					4

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CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED

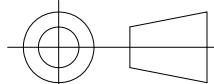
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A		BLACK	SIM. 9005	VNTBV11A2001SR
				VNTBV11A2001ST
B		WHITE	SIM. 9005	VNTBV11B2001SR
				VNTBV11B2001ST
C		LIGHT BLUE	SIM. 5012	VNTBV11C2001SR
				VNTBV11C2001ST
D		CLARET VIOLET	SIM. 4004	VNTBV11D2001SR
				VNTBV11D2001ST
E		MAY GREEN	SIM. 6017	VNTBV11E2001SR
				VNTBV11E2001ST
F		NUT BROWN	SIM. 8011	VNTBV11F2001SR
				VNTBV11F2001ST
G*		PLATINUM GREY	SIM. 7036	VNTBV11G2001SR
				VNTBV11G2001ST

CODING		COLOR	RAL	P/N
H*		LIGHT PINK	SIM. 3015	VNTBV11H2001SR
				VNTBV11H2001ST
J*		BEIGE	SIM. 1001	VNTBV11J2001SR
				VNTBV11J2001ST
K*		CURRY	SIM. 1027	VNTBV11K2001SR
				VNTBV11K2001ST
L*		YELLOW GREEN	SIM. 6018	VNTBV11L2001SR
				VNTBV11L2001ST
M*		PASTEL ORANGE	SIM. 2003	VNTBV11M2001SR
				VNTBV11M2001ST
O*		LIGHT GREEN	SIM. 6027	VNTBV11O2001SR
				VNTBV11O2001ST
Z		WATER BLUE	SIM. 5021	VNTBV11Z2001SR
				VNTBV11Z2001ST

(*) CODING ON REQUEST



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	10/20'22
CHECKED	
CHECKED	
DRAWING FILE :	
ANGLE OF PROJECTION	
	

Amphenol	
Amphenol East Asia Limited	
TITLE	
Ve-NET 1X1 V/T RECEPTACLE CONNECTOR	
SIZE	DRAWING NO.
A3	VNTBV11X2001SX
SCALE	REV.
NONE	4
SHEET 2 OF 2	