

Material
Housing : PA66 UL94-V0
Contacts: Copper alloy,Tin plated
Shield: Copper alloy,Tin plated
Seal: Silicone

APPLICATION: POLLUTION DEGREE II
OVERVOLTAGE CATEGORY II
INHOMOGENEOUS FIELD
ALTITUDE NO MORE THAN 2000M

★ IS CRITICAL CHARACTERISTIC SYMBOL/为关键特性
◎ IS IMPORTANT CHARACTERISTIC SYMBOL/为重要特性

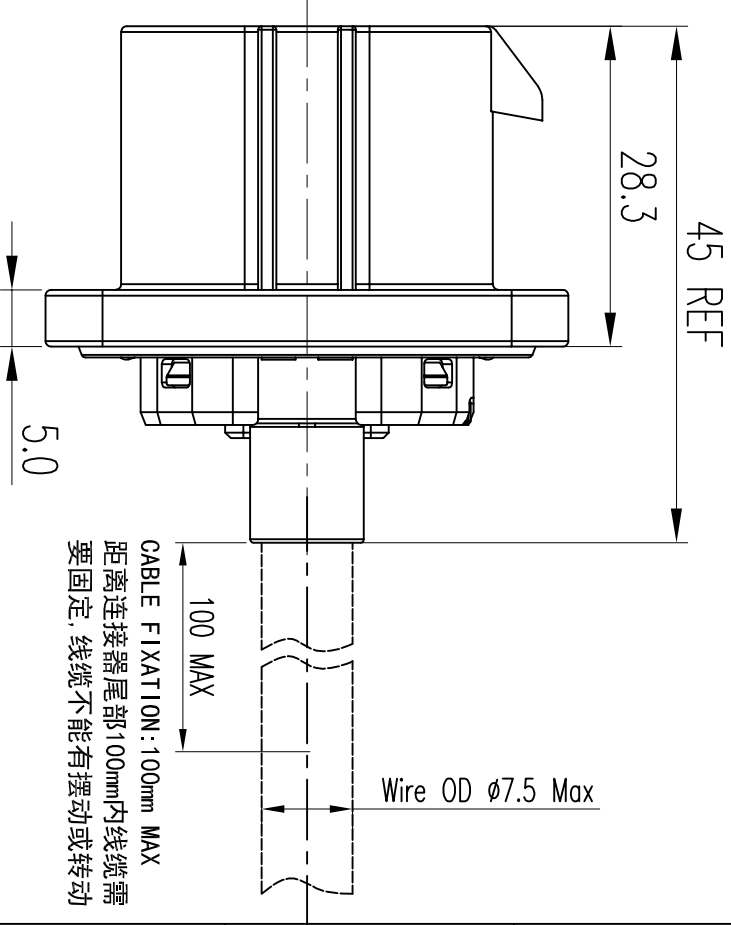
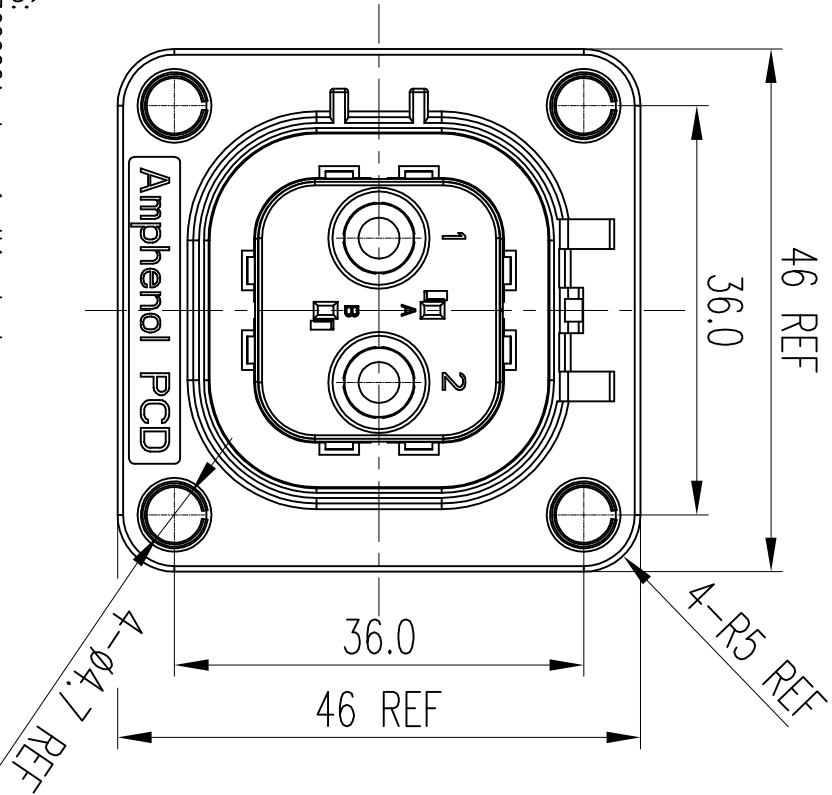
TECHINCAL DATA		SPECIAL CHARACTERISTICS SYMBOL
VOLTAGE RATING	1000V DC	★
WITHSTAND VOLTAGE	3000V AC	★
INSULATION RESISTANCE	>100MΩ	★
CURRENT RATING	SIGNAL CONTACT 5 A (0.35-0.5mm~2)	★
	POWER CONTACT 40A(6mm~2) 60A(10mm~2) 80A(16mm~2)	
	Stamping terminds 95A(16mm~2) Machining terminds	
WATER PRROF (MATED CONDITION)	IP67	★
IP FOR FINGER TOUCH (UNMATED CONDITION)	IP2XB	★
SHIELDING FUNCTION	YES	NA
MAX MATING CYCLES	50 TIMES	◎
OPERATION TEMP.	-40-125°C	NA
WIRE RANGE	6-16mm~2	NA

C-HVSL362022X

PART NUMBERING SCHEME

HVSL362 02 2
Series number
Type:Receptacle
Poles
Key option:A,B,C,D,E

REV	ECN	DESCRIPTION	DATE	MODIFIED
A	C2568	RELEASE		
B	C2678	Add wire spec 6mm~2	2018-01-10	Rock
C	C2841	UPDATE DRAWING	May-17-18	Rock
D	C3074	UPDATE HVL CONTACT P/N	Dec-19-18	LUK
E	C3324N	ADD 16SQ WIRE SIZE	Mar-21-19	LUK



- *NOTES:
1.HVSL362022A shown in this sheet
2.Contact should be ordered separately,detail see right table
3.Wire range:Power:6mm~2-16mm~2 ; OD of no shielded wire: ≤ø7.5mm.
Signal:0.35mm~2-0.5mm~2,OD of wire: ø1.1mm-ø1.75mm.
4.Tight torque with mounting plate: 2N*M
★5.RoHS compliance

DIMENSIONS	TOLERANCES	PROJECTION
ANSI Y14.5M UNITS: MM CAD FILE	.X ± 0.5 .XX ±0.05 ANGLES ±2°	
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF AMPHENOL PCD SHENZHEN	

Amphenol Pcd Shenzhen		TITLE		
Assembly P/N	Wire size choose	Separately ordering parts		
	6&10mm~2 wire	Power contact (usage)	HVL contact (usage)	
	16mm~2 wire	C3100235011 (2pcs)	C310003614S (2pcs)	
HVSL362022X (X=A,B,C,D,E)		16mm~2 wire	P03BS00081 (2pcs) Stamping terminds	C310003614S (2pcs)
R.Chen		2017.07.27	16mm~2 wire	P03BM00197 (2pcs) Machining terminds
CHKD		SIZE	DWG NO.	REV
APPD		A3	C-HVSL362022X	E
CODE:		SCALE	NONE	SHEET 1 OF 3

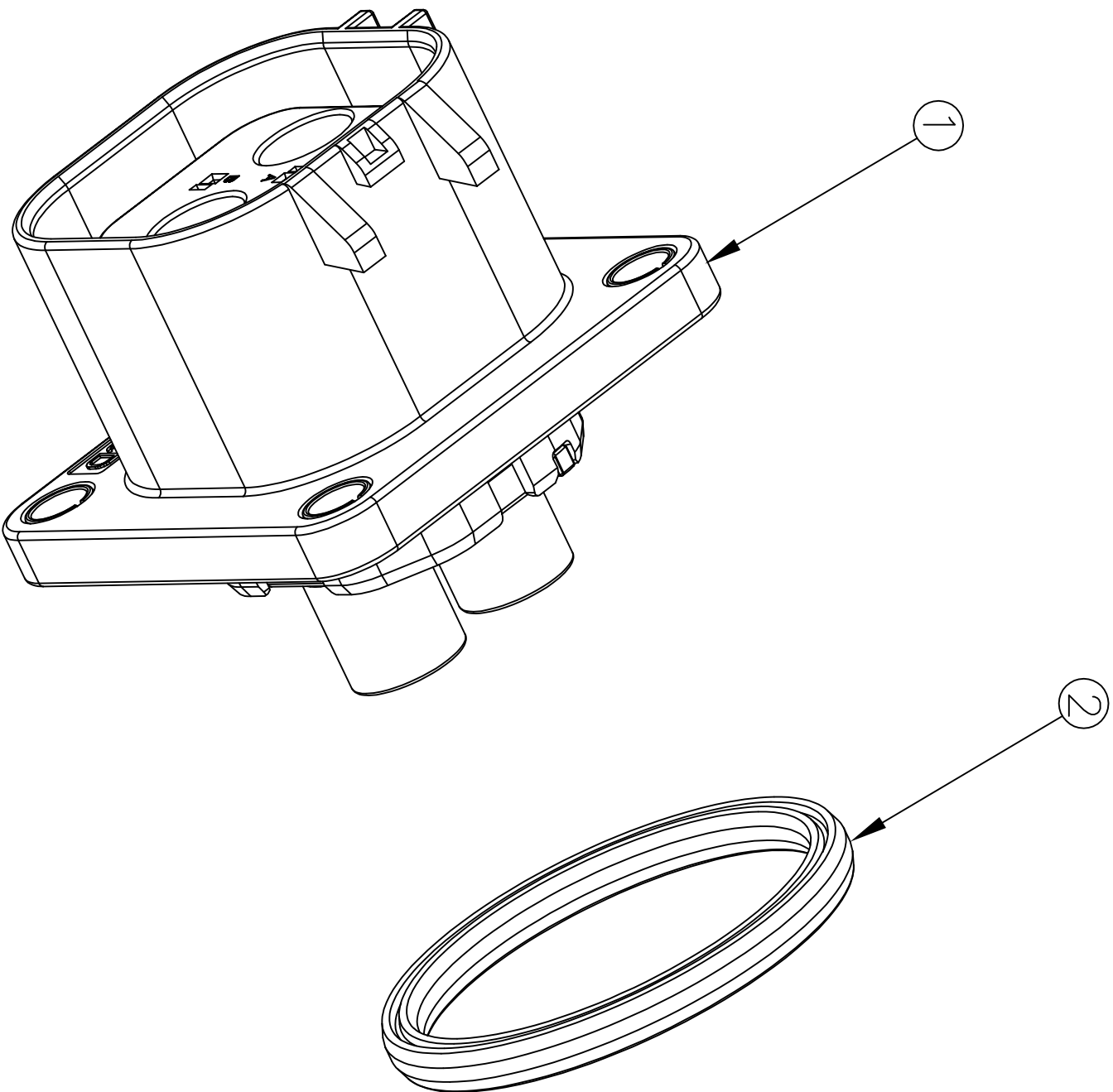
HVSL362 2P RECEPTACLE
6-16 mm^2 WIRE SIZE

C-HVSL362022X

安费诺精密连接器(深圳)有限公司
Amphenol PCD Shenzhen

受 控 文 件

2019年5月23日

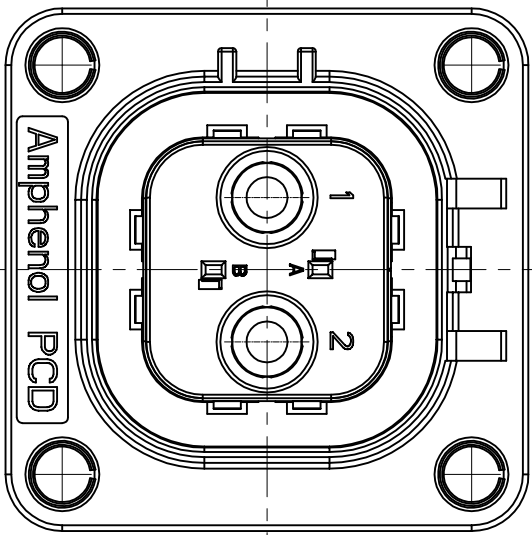


C-HVSL362022X

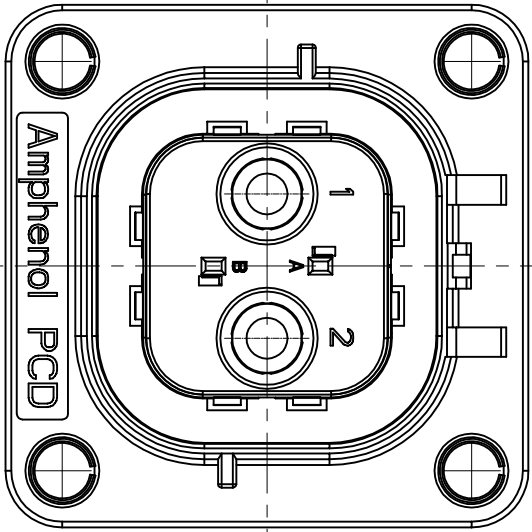
C-HVSL362022X

HVSL362022X	2	C4270011601	1	
	1	HVSL36202X(X=A,B,C,D,E)	1	
Assembly P/N	ITEM	COMPONENT P/N	QTY	REMARKS

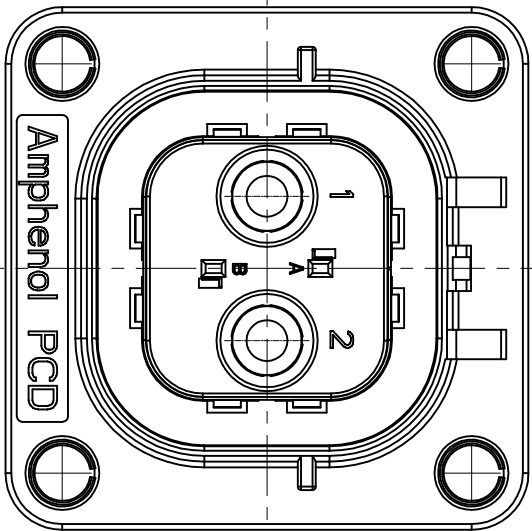
SIZE	DWG NO.			REV
A3	C-HVSL362022X			E
CODE:	SCALE	NONE	SHEET	2 OF 3



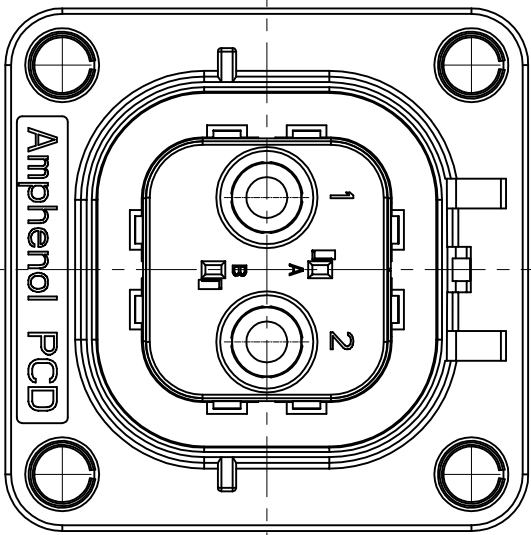
KEY A
HVSL362022A



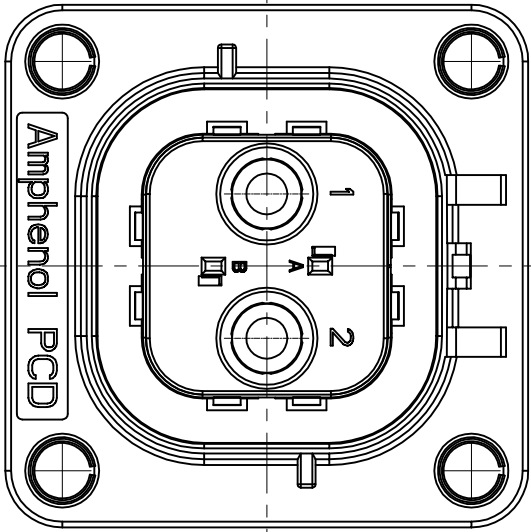
KEY B
HVSL362022B



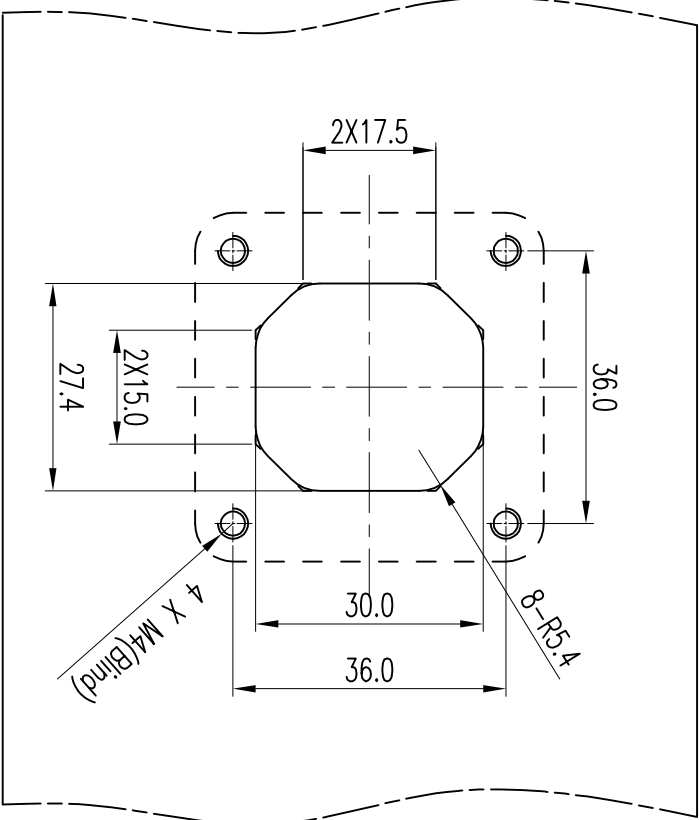
KEY C
HVSL362022C



KEY D
HVSL362022D



KEY E
HVSL362022E



MOUNTING INTERFACE SPECIFICATION
RECOMMENDED THICKNESS:3.0mm Min

SIZE	DWG NO.	REV
A3	C-HVSL362022X	E
CODE:	SCALE NONE	SHEET 3 OF 3