

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

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 5A	
	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

PART NUMBERING SCHEME

HVSL362 06 2

Series number

Type:Plug

Poles

Key option:A,B,C,D,E

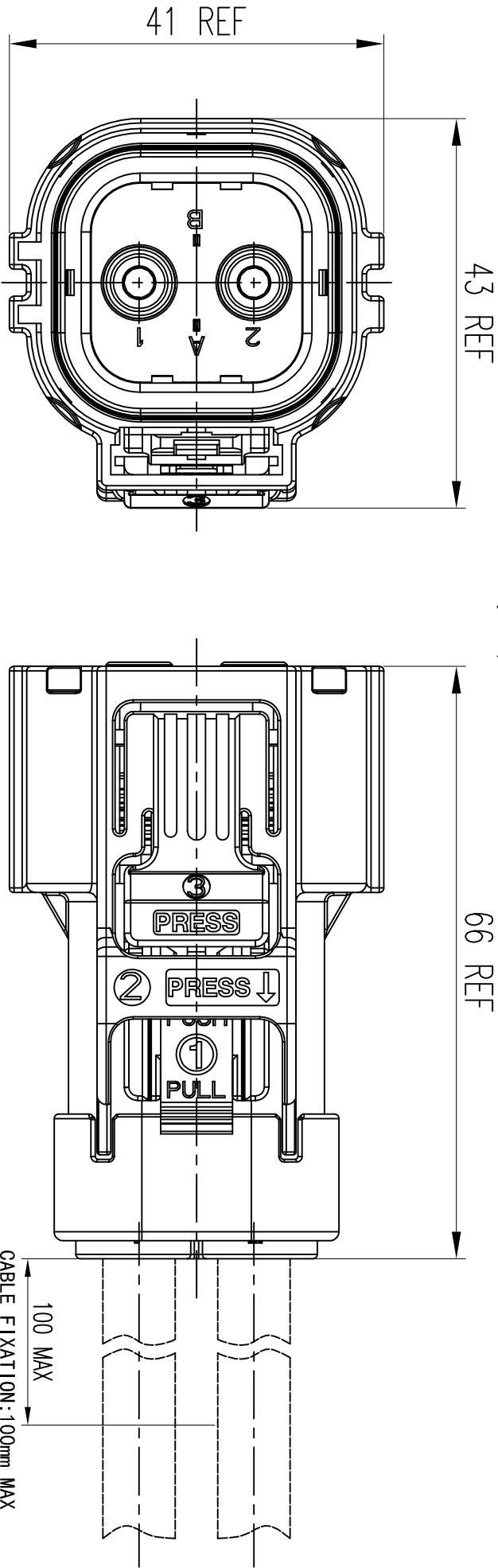
REV	ECN	DESCRIPTION	DATE	MODIFIED
C	C2711	Add dims for 6mm~2 components see table 2 in sheet 2	2018-01-25	Rock
D	C2841	ADJUST THE OD OF CABLE	May-17-18	Rock
E	C3324N	ADD 16SQ WIRE SIZE AND UPATE P/N	May-14-19	LUK

Single shielded cable

Wire size: 16: 16mm~2 shielded wire
10: 10mm~2 shielded wire
06: 6mm~2 shielded wire

Interlock option

1:yes
0:no



*NOTES:

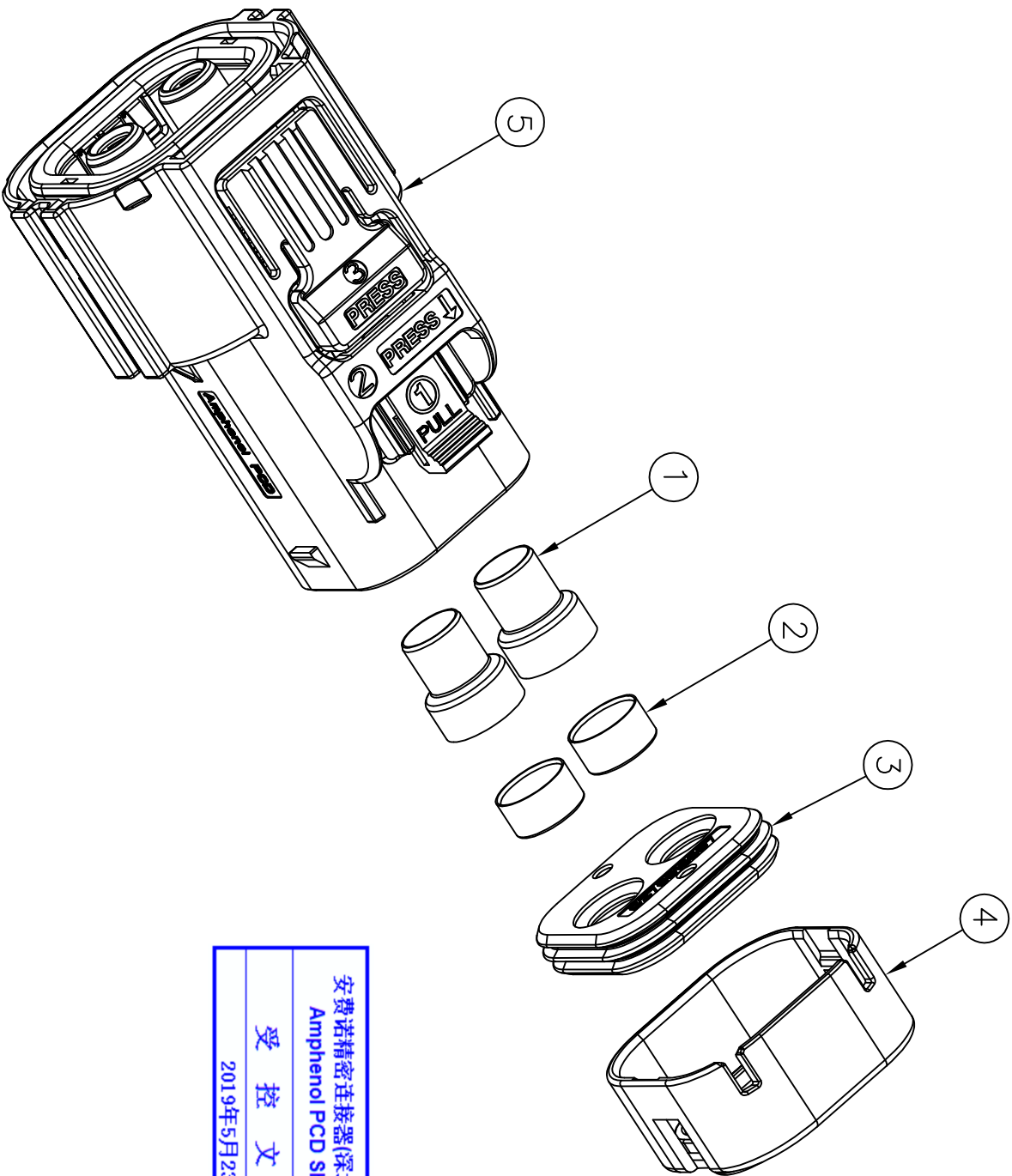
- HVSL362062A110I shown in this sheet
- Recommend OD of shielded wire: 6mm~2:φ6.10-φ6.50mm;10mm~2:φ8.4mm-φ8.8mm; 16mm~2: φ9.10-φ9.90mm
- Power contact should be ordered separately,see below table

Assembly P/N	Wire size	Power contact P/N	Usage
HVSL362062X106I	6mm~2	C3100235021	2Pcs
HVSL362062X110I	10mm~2		2Pcs
HVSL362062X116I	16mm~2	P03BS00080	Stamping terminds 2Pcs
HVSL362062X116I	16mm~2	P03BM00196	Machining terminds 2Pcs

- Wire range:6mm~2-16mm~2
- RoHS compliance

DIMENSIONS		TOLERANCES	PROJECTION	TITLE			
ANSI Y14.5M UNITS: MM CAD FILE	X .XX ANGLES ±2°	± 0.5 ±0.05		Amphenol Pcd Shenzhen			
				ENGR Rock 2017.07.27			
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF AMPHENOL PCD SHENZHEN	CHKD					

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受控文件
2019年5月23日

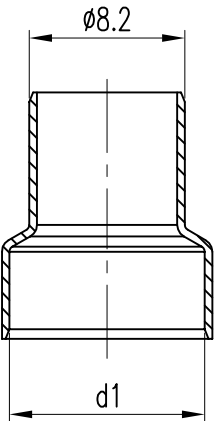


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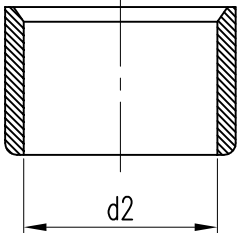
C-HVSL362062XXXXX1

Table 1

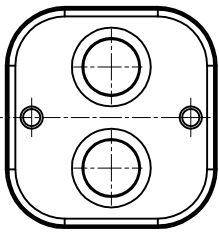
HVSL362062XX06I	5	HVSL362062XY(X=A,B,C,D,E;Y=0,1)	1	6mm ² SHIELD CABLE OD=ø6.10-ø6.50mm
	4	P03BP00016	1	
	3	P03BR000017 	1	
	2	C4200011202	2	
	1	C4200011603	2	
HVSL362062XY(X=A,B,C,D,E;Y=0,1)	5	HVSL362062XY(X=A,B,C,D,E;Y=0,1)	1	10mm ² SHIELD CABLE OD=ø8.40-ø8.80mm
	4	C4220011906	1	
	3	C4270011607	1	
	2	C4200011902	2	
	1	C4200011901	2	
HVSL362062XX10I	5	HVSL362062XYS1(X=A,B,C,D,E;Y=0,1)	1	16mm ² SHIELD CABLE OD=ø9.10-ø9.90mm
	4	P03BP00002	1	
	3	P03BR00001	1	
	2	P03BS00002	2	
	1	P03BS00001	2	
Assembly P/N	ITEM	COMPONENT P/N	QTY	REMARKS



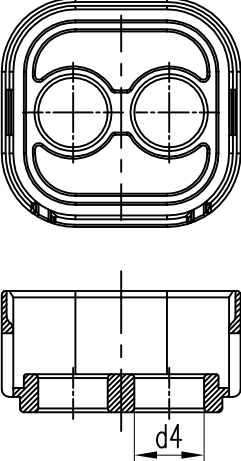
Wire size	PART NUMBER	DIM "d1"
16mm~2	P03BS000001	ø11.4
10mm~2	C4200011901	ø10.3
6mm~2	C4200011603	ø8.55



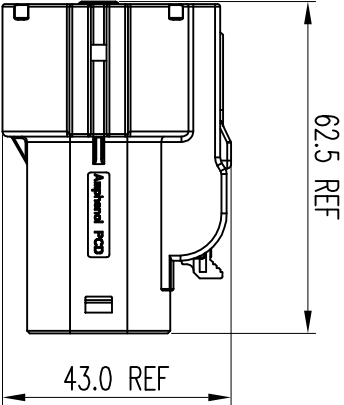
Wire size	PART NUMBER	DIM "d2"
16mm~2	P03BS000002	ø9.9
10mm~2	C4200011902	ø8.8
6mm~2	C4200011202	ø6.55



Wire size	PART NUMBER	DIM "d3"
16mm~2	P03BR000001	ø7.8
10mm~2	C4270011607	ø7.0
6mm~2	P03BR000017	ø5.2



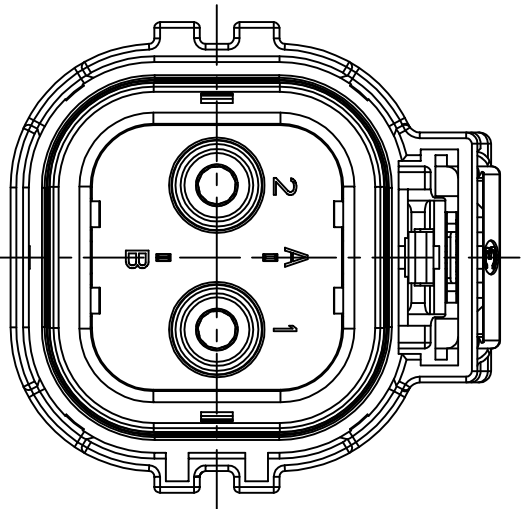
Wire size	PART NUMBER	DIM "d4"
16mm~2	P03BP000002	ø10.2
10mm~2	C4220011906	ø9.2
6mm~2	P03BP000016	ø7.2



Wire size	PART NUMBER
10mm~2 & 6mm~2	HVSL362062XY (X=A,B,C,D,E;Y=0,1)
16mm~2	HVSL362062XYS1 (X=A,B,C,D,E;Y=0,1)

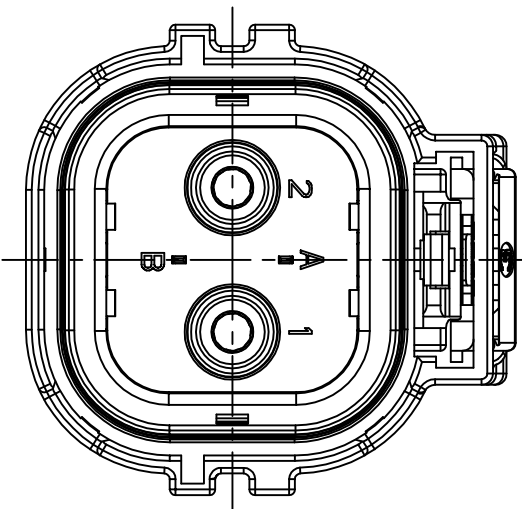
Table 2

SIZE	DWG NO.	REV
A3	C-HVSL362062XXXXX1	E
CODE:	SCALE NONE	SHEET 2 OF 3



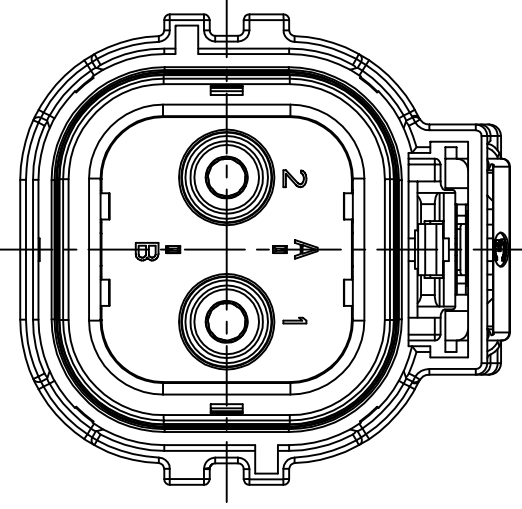
KEY A

HVSL362062AXXXI



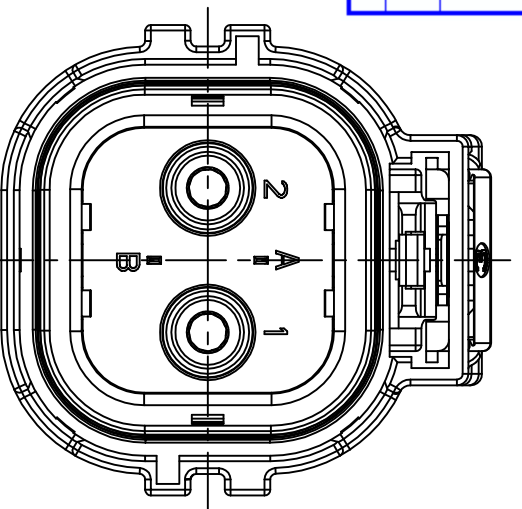
KEY D

HVSL362062DXXXI



KEY B

HVSL362062BXXXI



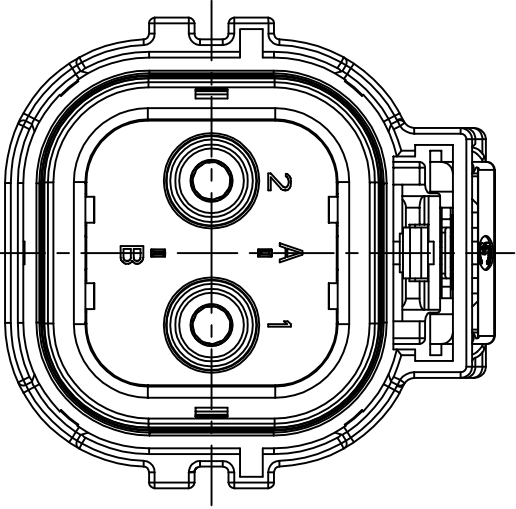
KEY E

HVSL362062EXXXI

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KEY C

HVSL362062CXXXI

SIZE	DWG NO.	REV
A3	C-HVSL362062XXXXI	E
CODE:	SCALE NONE	SHEET 3 OF 3