



C-HVSL362062XXXX1

### PART NUMBERING SCHEME

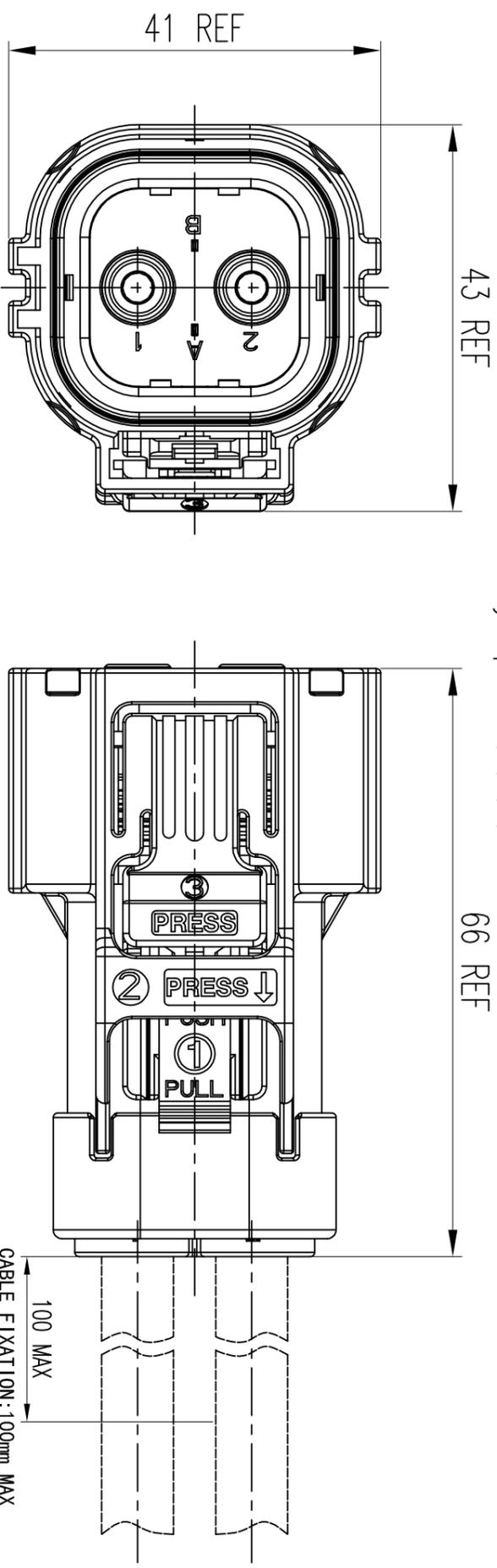
REV	ECN	DESCRIPTION	DATE	MODIFIED
C	C2711	Add dims for 6mm <sup>2</sup> components see table 2 in sheet 2	2018-01-25	Rock
D	C2841	ADJUST THE OD OF CABLE	May-17-18	Rock
E	C3324N	ADD 16SQ WIRE SIZE AND UPDATE P/N	May-14-19	LUK

Series number HVSL362 06 2  
 Type: Plug  
 Poles  
 Single shielded cable  
 Wire size: 16: 16mm<sup>2</sup> shielded wire  
 10: 10mm<sup>2</sup> shielded wire  
 06: 6mm<sup>2</sup> shielded wire  
 Interlock option  
 1:yes  
 0:no  
 Key option:A,B,C,D,E

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

Material  
 Housing : PA66 UL94-V0  
 Contacts: Copper alloy,Ag plated  
 Shield: Copper alloy,Tin plated  
 Seld: Silicone  
 Ferrule: Copper alloy,Tin plated  
 APPLICATION: POLLUTION DEGREE II  
 OVERVOLTAGE CATEGORY II  
 INHOMOGENEOUS FIELD  
 ALTITUDE NO MORE THAN 2000M

TECHINCAL DATA	SPECIAL CHARACTERISTICS SYMBOL
VOLTAGE RATING	1000V DC
WITHSTAND VOLTAGE	3000V AC
INSULATION RESISTANCE	>100M $\Omega$
	SIGNAL CONTACT 5A
	POWER CONTACT 40A(6mm <sup>2</sup> ) 60A(10mm <sup>2</sup> ) 80A(16mm <sup>2</sup> )
	Stamping terminds 95A(16mm <sup>2</sup> )
	Machining terminds
	IP67
	IP2XB
	YES
	50 TIMES
	-40-125°C
	6-16mm <sup>2</sup>



- \*NOTES:  
 1.HVSL362062A1101 shown in this sheet  
 2.Recommend OD of shielded wire: 6mm<sup>2</sup>: $\phi$ 6.10- $\phi$ 6.50mm;10mm<sup>2</sup>: $\phi$ 8.4mm- $\phi$ 8.8mm; 16mm<sup>2</sup>:  $\phi$ 9.10- $\phi$ 9.90mm  
 3.Power contact should be ordered separately,see below table  
 4.Wire range:6mm<sup>2</sup>-16mm<sup>2</sup>  
 5.RoHS compliance
- | Assembly P/N    | Wire size         | Power contact P/N | Usage |
|-----------------|-------------------|-------------------|-------|
| HVSL362062X106I | 6mm <sup>2</sup>  | C3100235021       | 2Pcs  |
| HVSL362062X110I | 10mm <sup>2</sup> | P03BS00080        | 2Pcs  |
| HVSL362062X116I | 16mm <sup>2</sup> | P03BM00196        | 2Pcs  |

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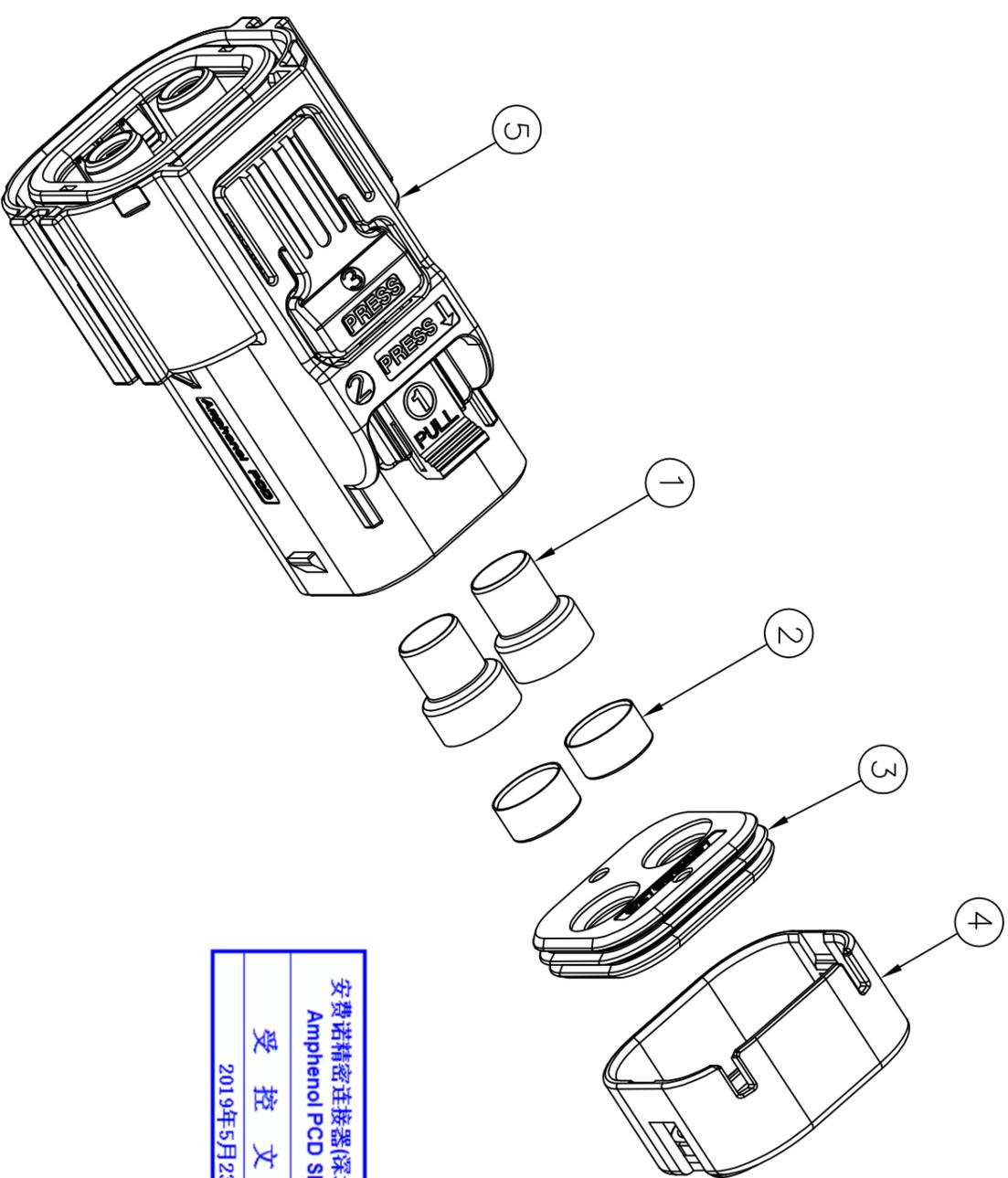
DIMENSIONS	TOLERANCES	PROJECTION	APPD	CHKD	SIZE	DWG NO.	SCALE	SHEET	REV
ANSI Y14.5M UNITS: MM CAD FILE	X $\pm$ 0.5 .XX $\pm$ 0.05 ANGLES $\pm$ 2°		APPD Rock	CHKD Rock	A3	C-HVSL362062XXXX1	NONE	1 OF 3	E

Amphenol Pcd Shenzhen  
 6-16mm<sup>2</sup> WIRE SIZE

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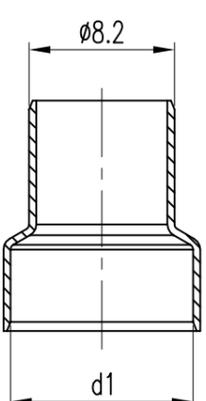
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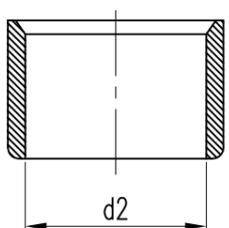
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Table 1

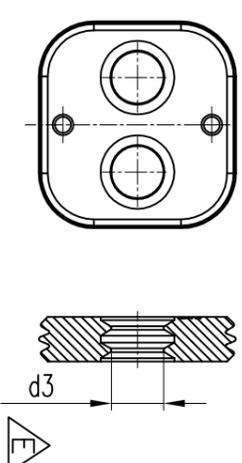
HVSL362062XX06I	5	HVSL362062XY(X=A,B,C,D,E;Y=0,1)	1	6mm <sup>2</sup> SHIELD CABLE OD=ø6.10-ø6.50mm
	4	P03BP00016	1	
	3	P03BR000017	1	
	2	C4200011202	2	
	1	C4200011603	2	
HVSL362062XX10I	5	HVSL362062XY(X=A,B,C,D,E;Y=0,1)	1	10mm <sup>2</sup> SHIELD CABLE OD=ø8.40-ø8.80mm
	4	C4220011906	1	
	3	C4270011607	1	
	2	C4200011902	2	
	1	C4200011901	2	
HVSL362062XX16I	5	HVSL362062XYS1(X=A,B,C,D,E;Y=0,1)	1	16mm <sup>2</sup> 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



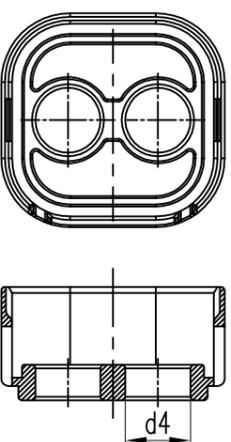
ITEM1	Wire size	PART NUMBER	DIM "d1"
	6mm~2	C4200011603	ø8.55
	16mm~2	P03BS00001	ø11.4
	10mm~2	C4200011901	ø10.3



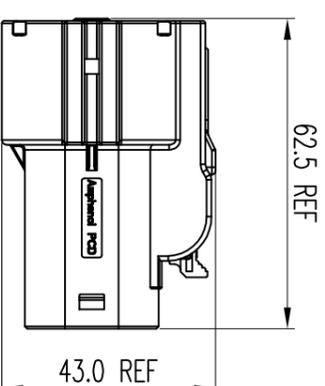
ITEM2	Wire size	PART NUMBER	DIM "d2"
	6mm~2	C4200011202	ø6.55
	16mm~2	P03BS00002	ø9.9
	10mm~2	C4200011902	ø8.8



ITEM3	Wire size	PART NUMBER	DIM "d3"
	6mm~2	P03BR000017	ø5.2
	16mm~2	P03BR00001	ø7.8
	10mm~2	C4270011607	ø7.0



ITEM4	Wire size	PART NUMBER	DIM "d4"
	6mm~2	P03BP00016	ø7.2
	16mm~2	P03BP00002	ø10.2
	10mm~2	C4220011906	ø9.2



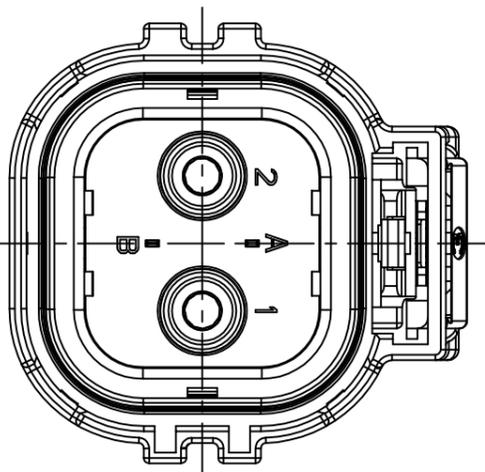
ITEM5	Wire size	PART NUMBER
	10mm~2	HVSL362062XY
	6mm~2	(X=A,B,C,D,E;Y=0,1)
	16mm~2	HVSL362062XYS1
		(X=A,B,C,D,E;Y=0,1)

Table 2

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

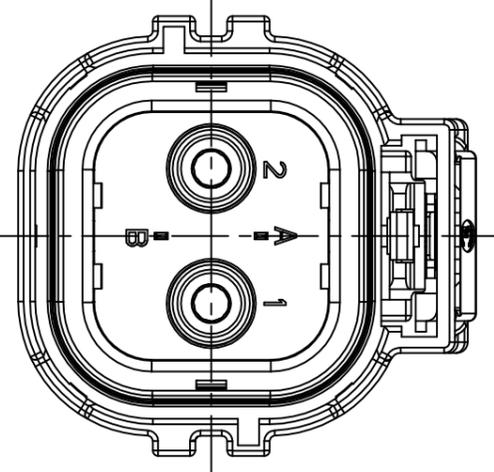
HVSL362062AXXXI

KEY A



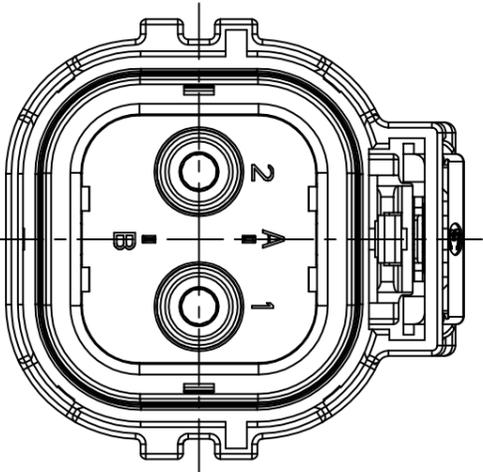
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KEY B



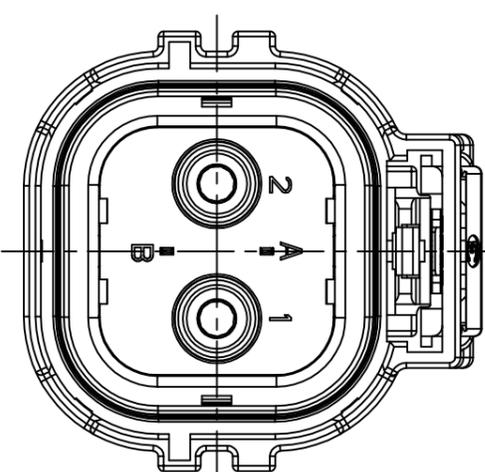
HVSL362062CXXXI

KEY C



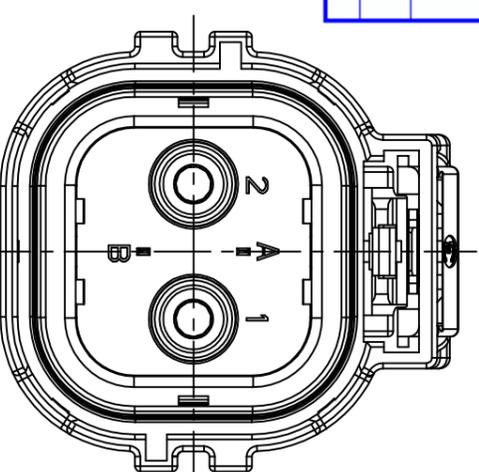
HVSL362062DXXXI

KEY D



HVSL362062EXXXI

KEY E



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