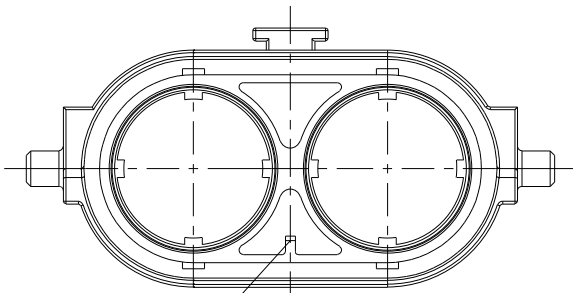


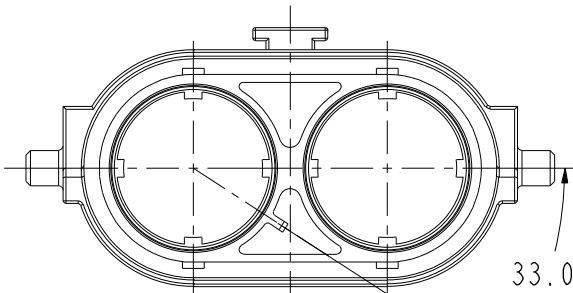
REV	ECN	DESCRIPTION	DATE	MODIFIED
B	C3005	ADD CODING C	2017.12.21	ROY.QU
C	R3409-N	SIZE CHANGE OF STERN COVER	2019.08.14	DICK.RAO



KEY

0.00

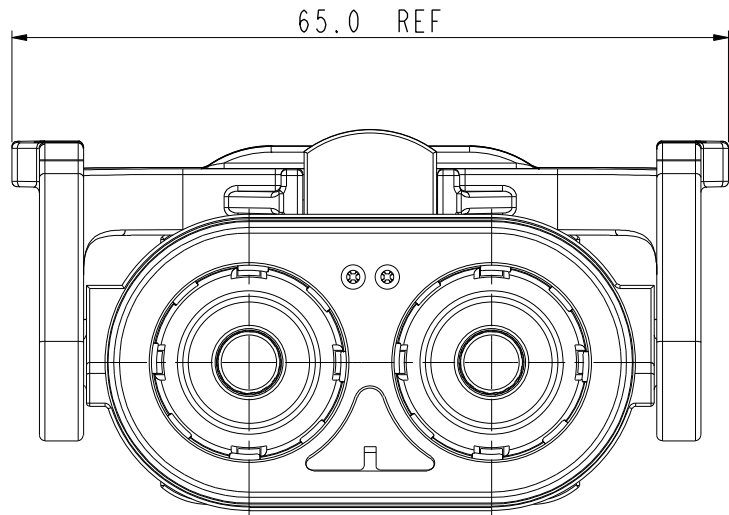
HVSL5 600 06 2 A
CODING A



33.0°

HVSL5 600 06 2 B
CODING B

Amphenol PCD SZ
ORIGINAL
PDF Format
R&D

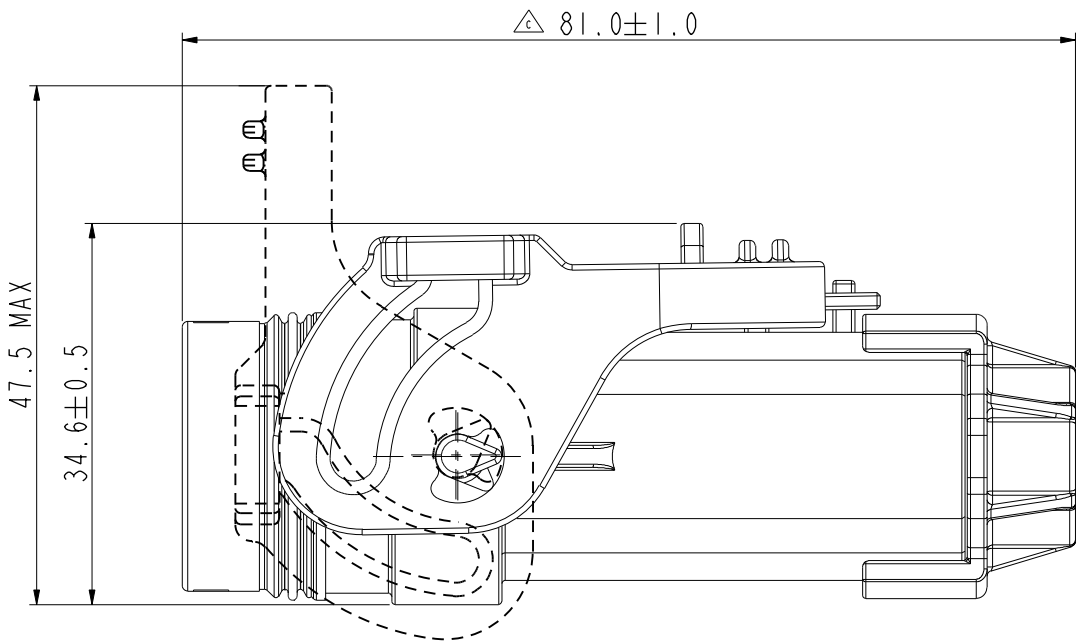


65.0 REF

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

受 控 文 件

2019年8月27日



NOTES:

1. MATERIAL & FINISH:

PLASTIC BODY: THERMOPLASTICS ORANGE COLOR,PA66+GF25

POWER CONTACT: COPPER ALLOY SILVER PLATED

HVIL CONTACTS: COPPER ALLOY GOLD PLATED

SEAL RING: SI

2. TECHNICAL DATA SHEET:APCD-TD-201

3. PART NUMBER DESCRIPTION:

HVSL5 600 06 2 X X XX

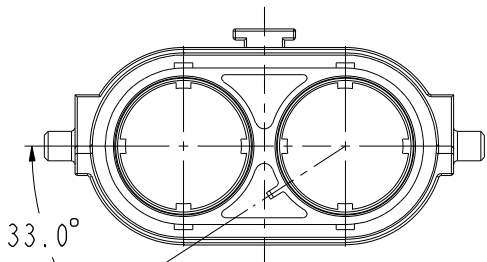
A: CODING A
B: CODING B
C: CODING C

0: WITHOUT HVIL
1: WITH HVIL

25: CROSS-SECTION 25mm²
SHIELDED WIRE OD=11.9 ± 0.3mm
16: CROSS-SECTION 16mm²
SHIELDED WIRE OD=11.2 ± 0.25mm

TECHNICAL DATA

CURRENT RATE (25MM ² CABLE)	120A @ AMBIENT 70° C	✦
CURRENT RATE (16MM ² CABLE)	80A @ AMBIENT 70° C	✦
UL RATING VOLTAGE (OVERVOLTAGE CATEGORY II POLLUTION DEGREE 2)	1000V DC	✦
DIELECTRIC WITH STANDING VOLTAGE	3000V AC	✦
INSULATION RESISTANCE	100MΩ MIN. @25° C	✦
DURABILITY	50 CYCLES	◎
SHIELDING	YES	
WATERPROOF (MATED CONDITION)	IP 67、IP6K9K	✦
PROTECTION LEVEL	IP2XB	✦
OPERATING TEMPERATURE	-40~125° C	
AMBIENT TEMPERATURE	-40~70° C	
ROHS	YES	✦



33.0°

HVSL5 600 06 2 C
CODING C

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

Amphenol Pcd Shenzhen

ENGR

Robin Yuan

2016.12.21

CHKD

Ben Mew

APPD

Senbao

TITLE

HVSL5 600 06 2 X X XX
STRAIGHT PLUG ASSEMBLY

SIZE

A3

DWG NO.

C-HVSL5600062XXXX

REV

C

CODE: 58982

SCALE: 1:1

SHEET 1 OF 2

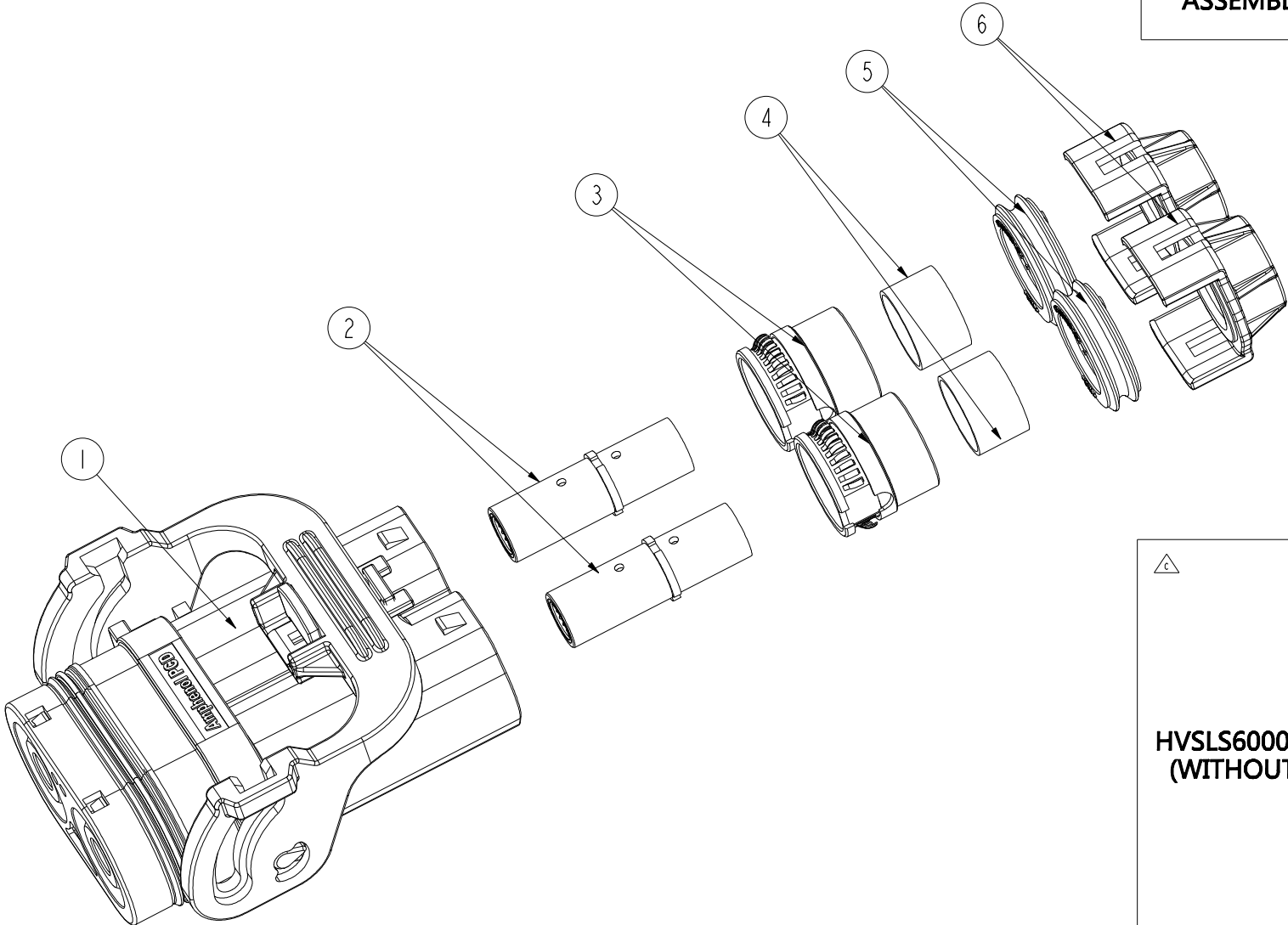
HVSL600062X1 SELECTION:

MAIN BODY P/N	KEY X
HVSL600062A1	KEY A
HVSL600062B1	KEY B
HVSL600062C1	KEY C

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

受 控 文 件

2019年8月27日



HVSL600062X1XX (WITH HVIL)	6	C2200036952	16mm2	END CAP (WIRE OD=11.2 ± 0.25mm)	2
		C2200036951	25mm2	END CAP (WIRE OD=11.9 ± 0.3mm)	2
	5	C2700036492	16mm2	CABLE SEAL (WIRE OD=11.2 ± 0.25mm)	2
		C2700036491	25mm2	CABLE SEAL (WIRE OD=11.9 ± 0.3mm)	2
	4	C200003641	25mm2	OUTER FERRULE	2
		P03BM00326	16mm2	OUTER FERRULE	2
	3	C420003618	N/A	16mm2 AND 25mm2 OUTER FERRULE	2
	2	C4200036172	16mm2	SOCKET CONTACT ASSEMBLY	2
		C4200036171	25mm2	SOCKET CONTACT ASSEMBLY	2
	1	HVSL600062X1	N/A	MAIN BODY & WITH HVIL	1
ASSEMBLY P/N	ITEM	COMPONENT P/N	CABLE SIZE	DESCRIPTION	Q'TY

HVSL600062X0 SELECTION:

MAIN BODY P/N	KEY X
HVSL600062A0	KEY A
HVSL600062B0	KEY B
HVSL600062C0	KEY C

HVSL600062X0XX (WITHOUT HVIL)	6	C2200036952	16mm2	END CAP (WIRE OD=11.2 ± 0.25mm)	2
		C2200036951	25mm2	END CAP (WIRE OD=11.9 ± 0.3mm)	2
	5	C2700036492	16mm2	CABLE SEAL (WIRE OD=11.2 ± 0.25mm)	2
		C2700036491	25mm2	CABLE SEAL (WIRE OD=11.9 ± 0.3mm)	2
	4	C200003641	25mm2	OUTER FERRULE	2
		P03BM00326	16mm2	OUTER FERRULE	2
	3	C420003618	N/A	16mm2 AND 25mm2 OUTER FERRULE	2
	2	C4200036172	16mm2	SOCKET CONTACT ASSEMBLY	2
		C4200036171	25mm2	SOCKET CONTACT ASSEMBLY	2
	1	HVSL600062X0	N/A	MAIN BODY & WITHOUT HVIL	1
ASSEMBLY P/N	ITEM	COMPONENT P/N	CABLE SIZE	DESCRIPTION	Q'TY

SIZE	DWG NO.	REV
A3	C-HVSL600062XXXX	C
CODE: 58982	SCALE: 1:1	SHEET 2 OF 2