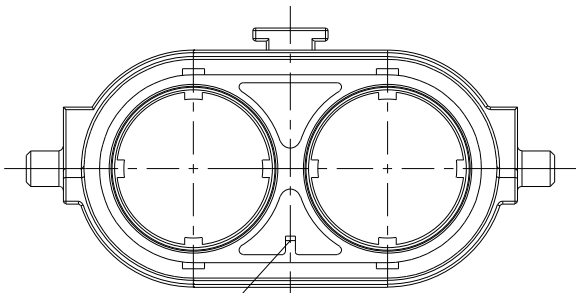
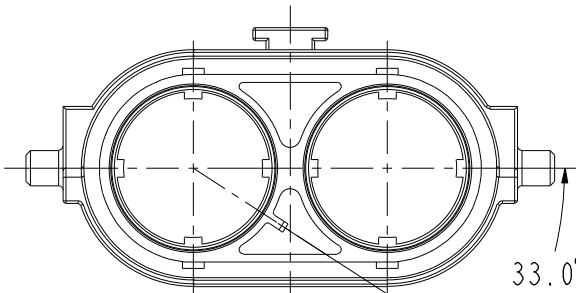


REV	ECN	DESCRIPTION	DATE	MODIFIED
B	C3005	ADD CODING C	2017.12.21	ROY.QU
C	R3409-N	SIZE CHANGE OF STERN COVER	2019.08.14	DICK.RAO

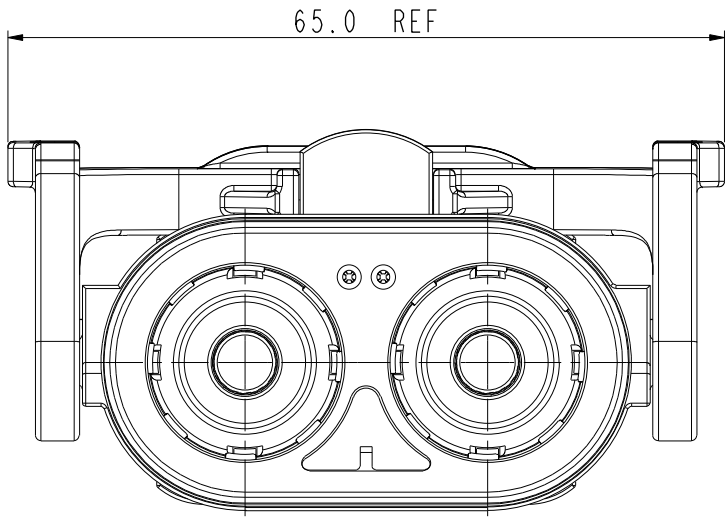


HVSL5 600 06 2 A
CODING A



HVSL5 600 06 2 B
CODING B

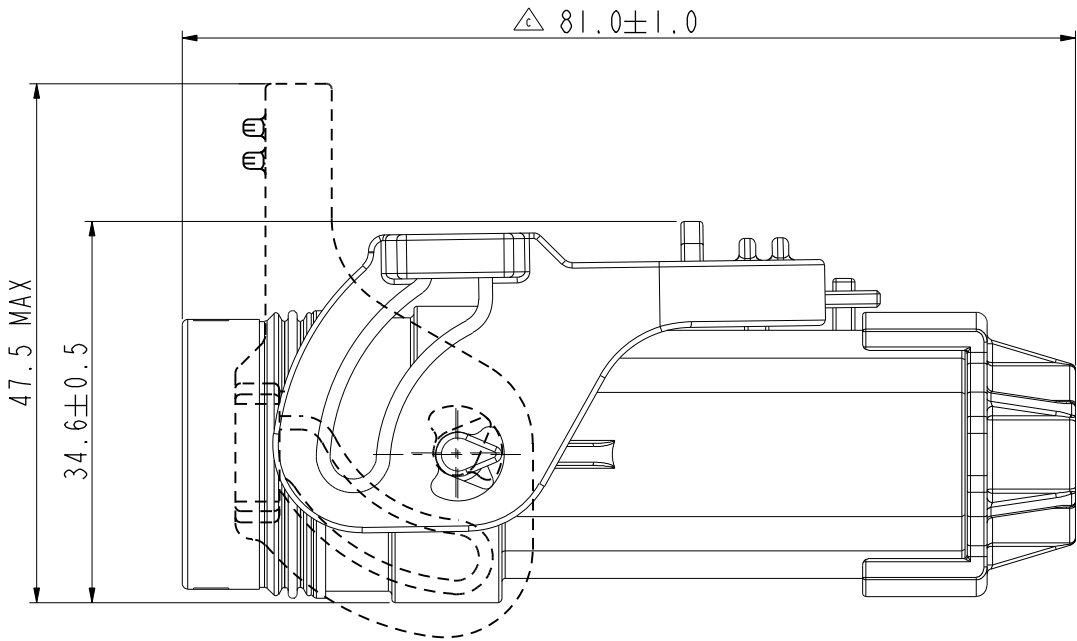
Amphenol PCD SZ
ORIGINAL
PDF Format
R&D



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:

- MATERIAL & FINISH:
PLASTIC BODY: THERMOPLASTICS ORANGE COLOR,PA66+GF25
POWER CONTACT: COPPER ALLOY SILVER PLATED
HVIL CONTACTS: COPPER ALLOY GOLD PLATED
SEAL RING: SI
- TECHNICAL DATA SHEET:APCD-TD-201
- PART NUMBER DESCRIPTION:

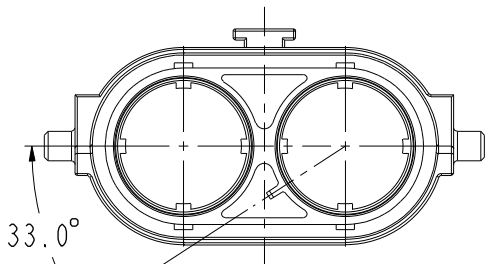
HVSL5 600 06 2 X X XX

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	
WATERPRROF (MATED CONDITION)	IP 67、IP6K9K	✦
PROTECTION LEVEL	IP2XB	✦
OPERATING TEMPERATURE	-40~125° C	
AMBIENT TEMPERATURE	-40~70° C	
ROHS	YES	✦



HVSL5 600 06 2 C
CODING C

DIMENSIONS	TOLERANCES	PROJECTION	Amphenol Pcd Shenzhen		TITLE			
ANSI Y14.5M	.X ±0.5				HVSLS 600 06 2 X X XX			
UNITS: MM	.XX ±0.05		ENGR		STRAIGHT PLUG ASSEMBLY			
Pro/E FILE	ANGLES ±0.5°		Robin Yuan 2016.12.21					
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF AMPHENOL PCD SHENZHEN		CHKD Ben Mew		SIZE	DWG NO.		REV
			APPD Senbao		A3	C-HVSLS600062XXXX		C
					CODE: 58982		SCALE: 1:1	SHEET 1 OF 2

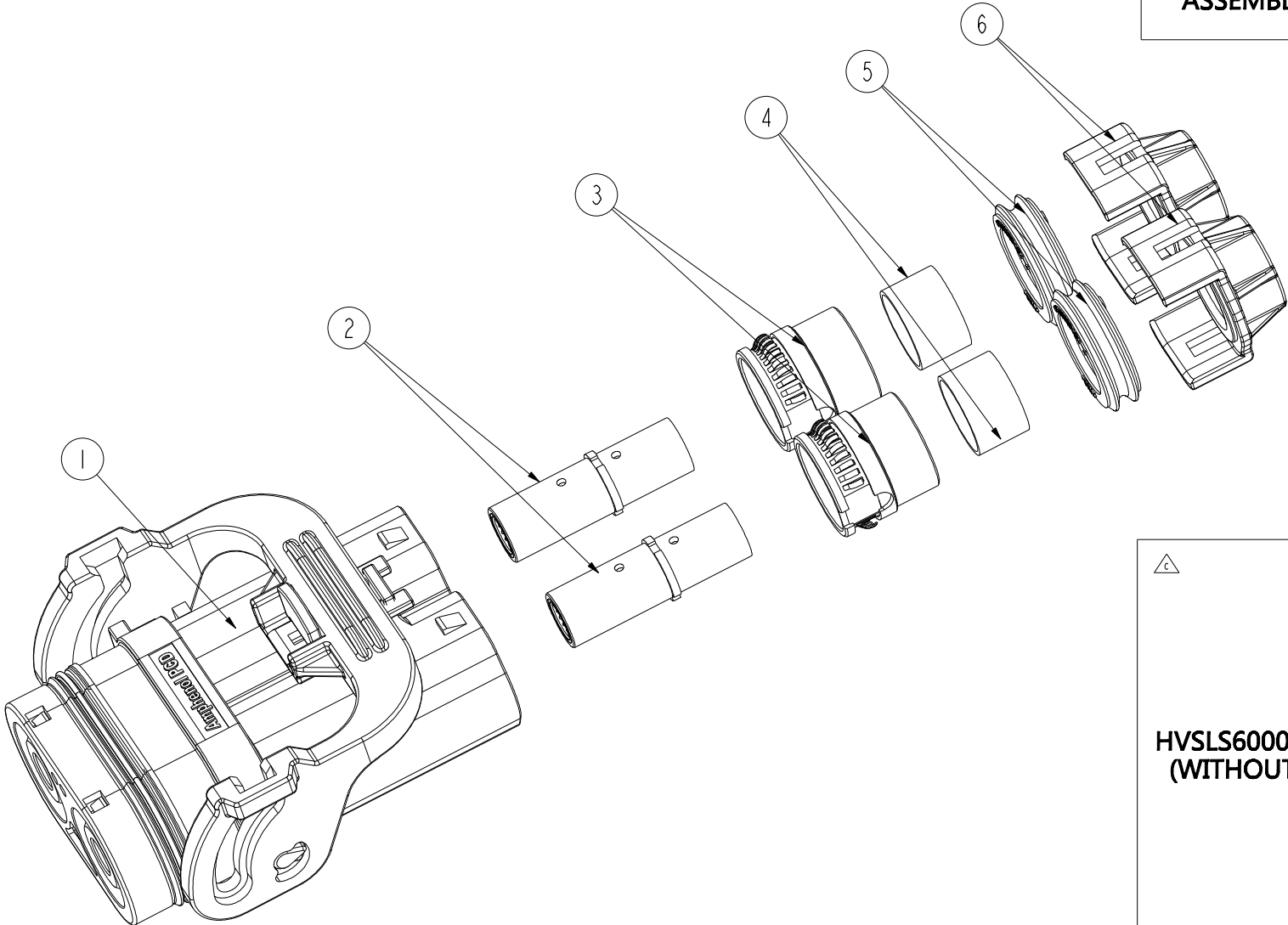
HVSL600062X1 SELECTION:

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

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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