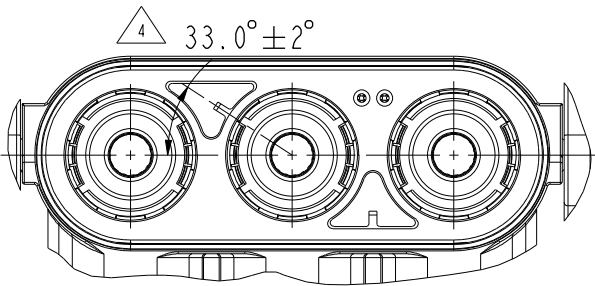
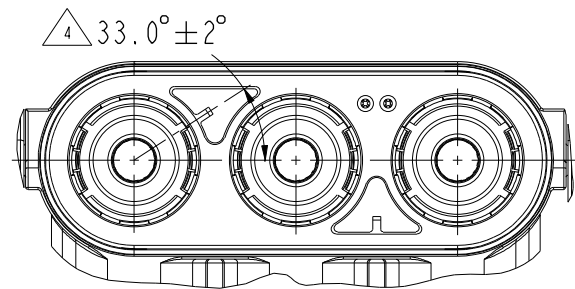


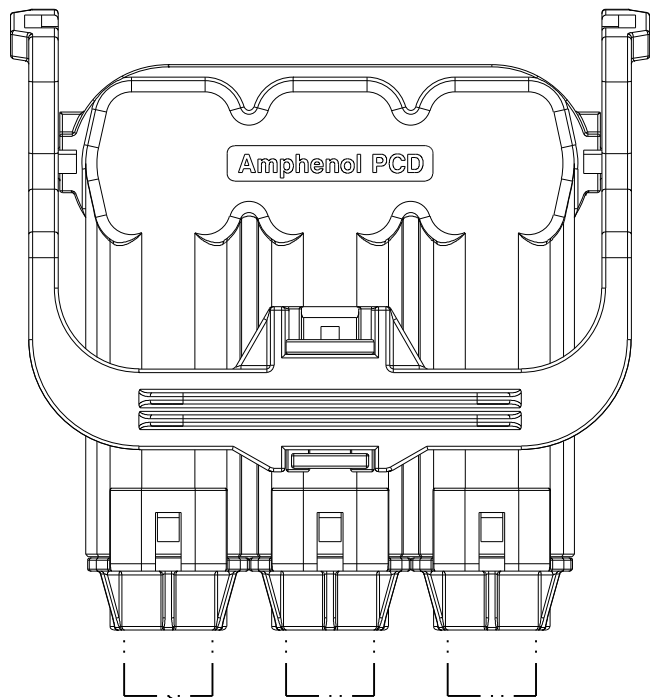
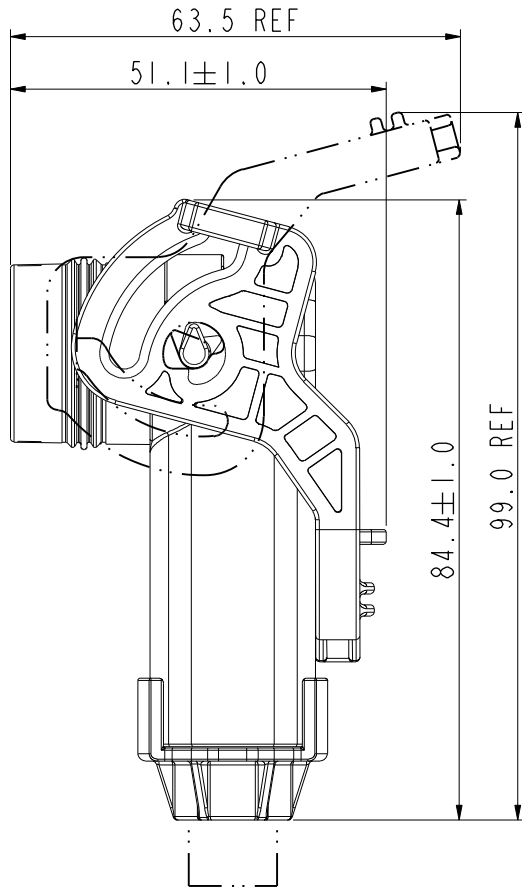
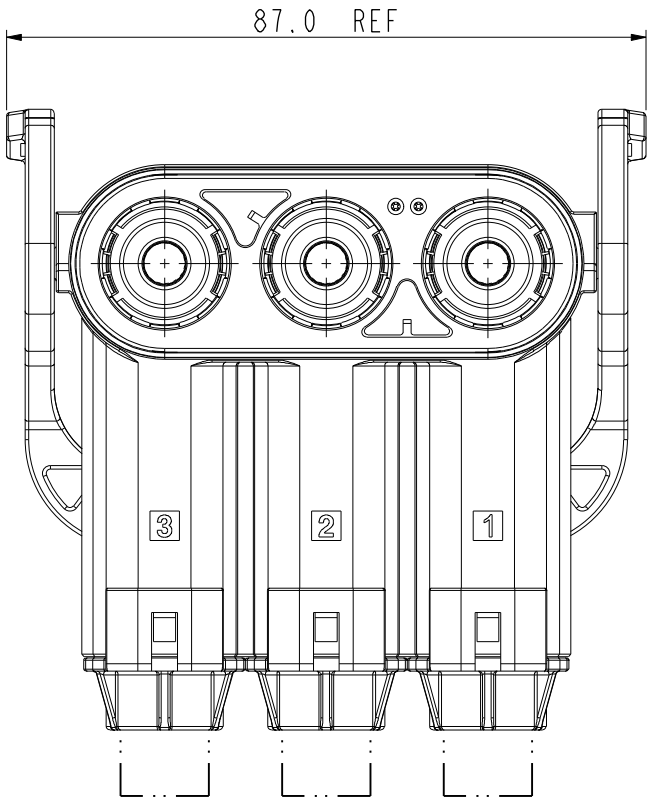
REV	ECN	DESCRIPTION	DATE
2		PRE-RELEASE	2017.10.19
3	R3409-N	SIZE CHANGE OF STERN COVER	2019.08.14
4	R4010W	ADJUST THE DATA/CORRECT THE ERROR	2019.12.25



HVSLS 600 08 3A
CODING A



HVSLS 600 08 3B
CODING B



16~25MM^2 CABLE

NOTES:

1. MATERIAL & FINISH:

- △ PLASTIC BODY: ZINC ALLOY COLOR ZINC PLATED
POWER CONTACT: COPPER ALLOY SILVER PLATED
HVIL CONTACTS: COPPER ALLOY GOLD PLATED
SEAL RING: SI

2. PART NUMBER DESCRIPTION:

- ✦:CRITICAL CHARACTERISTICS/关键特性
◎:IMPORTANT CHARACTERISTICS/重要特性

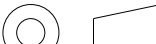
HVSLS 600 08 3 X X XX

A: CODING A
B: CODING B

0: WITHOUT HVIL
1: WITH HVIL

25: CROSS-SECTION 25mm²
SHIELDING WIRE OD=11.9 ± 0.3mm
16: CROSS-SECTION 16mm²
SHIELDING 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	✦
RATING VOLTAGE (OVERVOLTAGE CATEGORY II POLLUTION DEGREE 2)	1000V DC	✦
OPERATING TEMPERATURE	-40~125°C	
DIELECTRIC WITHSTANDING VOLTAGE	3000V AC(RMS)	✦
INSULATION RESISTANCE	100MΩ MIN.@25°C	✦
DURABILITY	50 CYCLES	◎
SHIELDING	YES	
WATERPROOF (MATED CONDITION)	IP67、IP6K9K	✦
PROTECTION LEVEL(UNMATED)	IP2XB	✦
AMBIENT TEMPERATURE	-40~70°C	
RoHS	YES	✦

DIMENSIONS	TOLERANCES	PROJECTION	Amphenol Pcd Shenzhen		TITLE			
ANSI Y14.5M	.X ±0.5		ENGR		HVSLS600 3PIN RA PLUG			
UNITS: MM	.XX ±0.05							
Pro/E FILE	ANGLES ±0.5°		2017.10.19					
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF AMPHENOL PCD SHENZHEN		CHKD		SIZE	DWG NO.		REV
			APPD		A3	C-HVSLS600083XXXX		4
					CODE: 58982		SCALE: 2:1	SHEET 1 OF 2

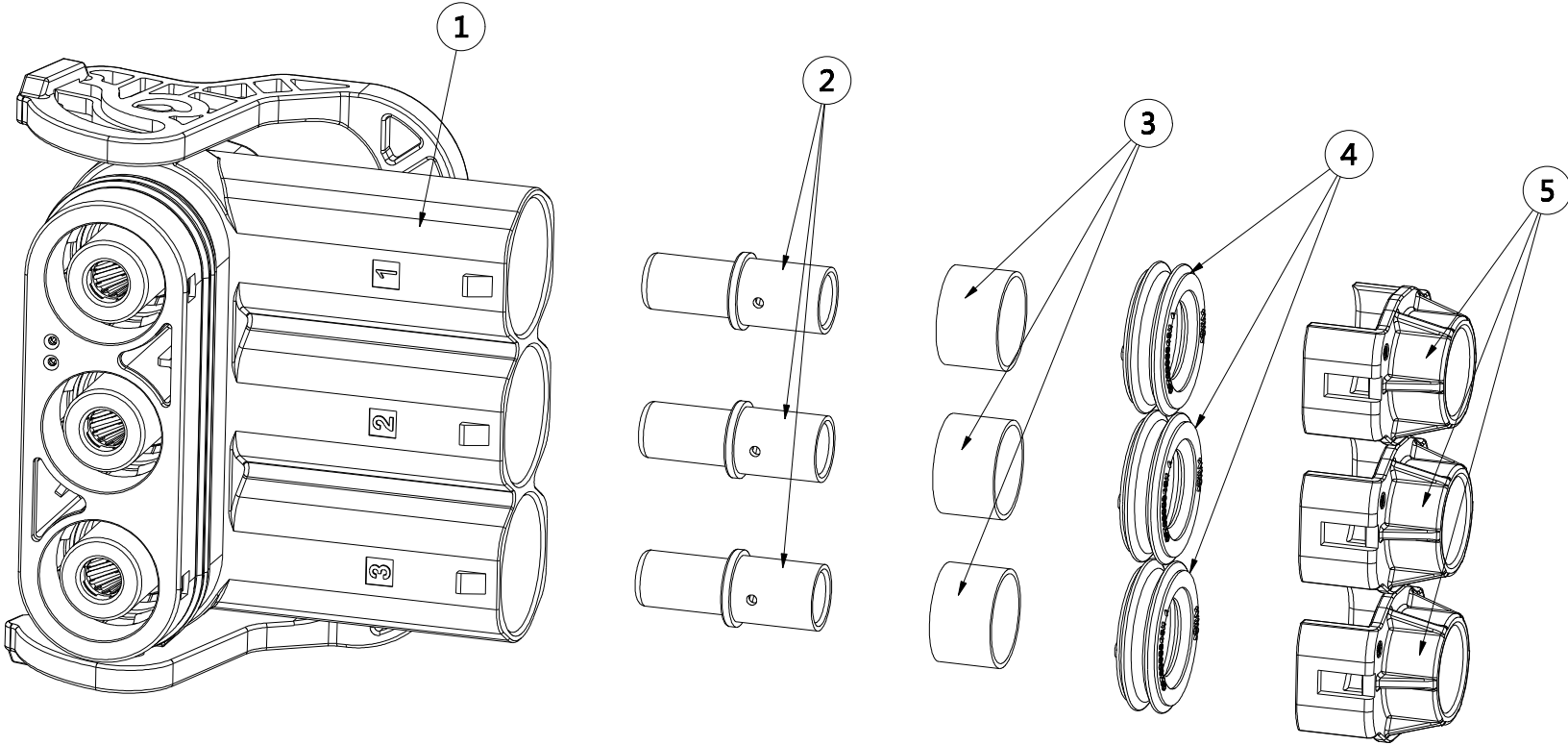


TABLE 1
HVSLS600083X1 SELECTION:

MAIN BODY P/N	KEY X
HVSLS600083A1	KEY A
HVSLS600083B1	KEY B

TABLE 2
HVSLS600083X0 SELECTION:

MAIN BODY P/N	KEY X
HVSLS600083A0	KEY A
HVSLS600083B0	KEY B

HVSLS600083X1XX	5	C2200036952	16mm2	END CAP (WIRE OD=11.2 ± 0.25mm)	3
		C2200036951	25mm2	END CAP (WIRE OD=11.9 ± 0.3mm)	3
	4	C2700036492	16mm2	CABLE SEAL (WIRE OD=11.2 ± 0.25mm)	3
		C2700036491	25mm2	CABLE SEAL (WIRE OD=11.9 ± 0.3mm)	3
	3	P03BM00326	16mm2	OUT FERRULE	3
		C200003641	25mm2	OUT FERRULE	3
	2	C2000052271	16mm2	PIN CONTACT	3
		C200005227	25mm2	PIN CONTACT	3
	1	SEE TABLE 1	N/A	MAIN BODY & WITH HVIL	1
ASSEMBLY P/N	ITEM	COMPONENT P/N	CABLE SIZE	DESCRIPTION	Q'TY

HVSLS600083X0XX	5	C2200036952	16mm2	END CAP (WIRE OD=11.2 ± 0.25mm)	3
		C2200036951	25mm2	END CAP (WIRE OD=11.9 ± 0.3mm)	3
	4	C2700036492	16mm2	CABLE SEAL (WIRE OD=11.2 ± 0.25mm)	3
		C2700036491	25mm2	CABLE SEAL (WIRE OD=11.9 ± 0.3mm)	3
	3	P03BM00326	16mm2	OUT FERRULE	3
		C200003641	25mm2	OUT FERRULE	3
	2	C2000052271	16mm2	PIN CONTACT	3
		C200005227	25mm2	PIN CONTACT	3
	1	SEE TABLE 2	N/A	MAIN BODY & WITHOUT HVIL	1
ASSEMBLY P/N	ITEM	COMPONENT P/N	CABLE SIZE	DESCRIPTION	Q'TY