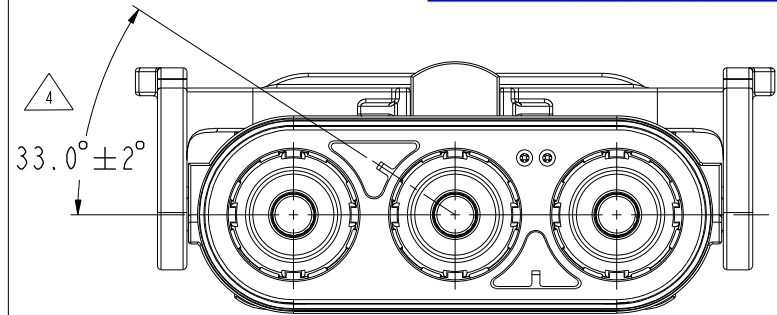
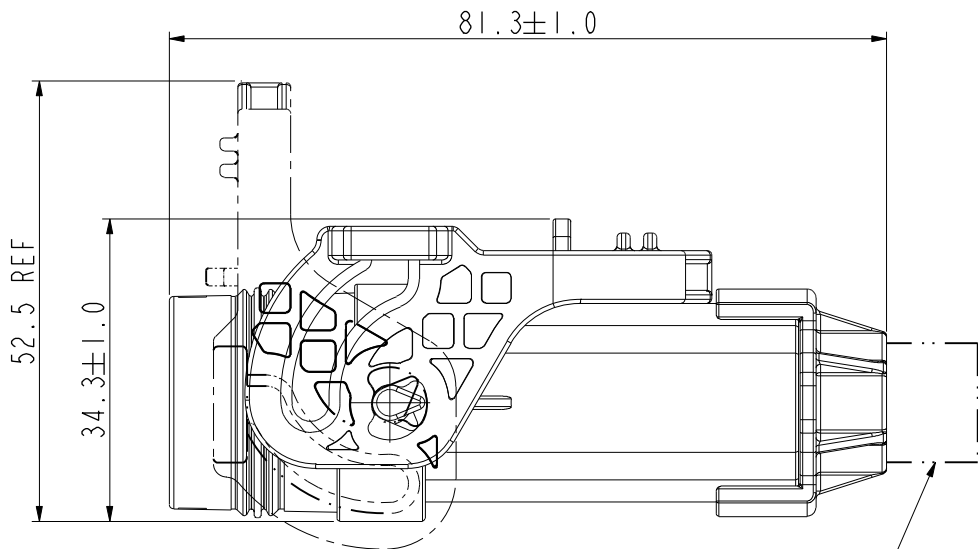
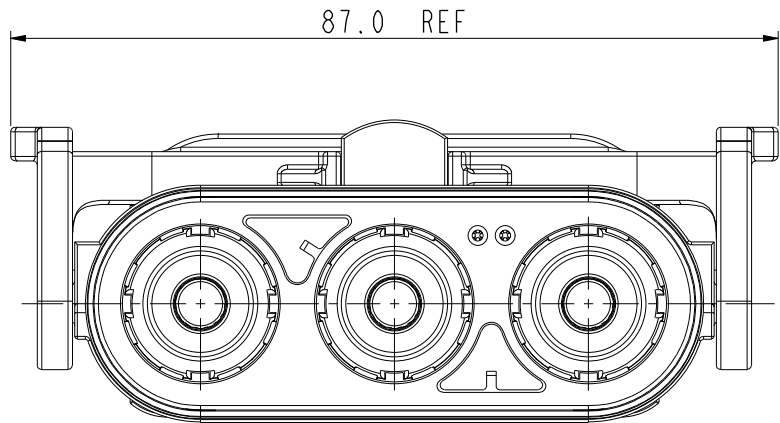


REV	ECN	DESCRIPTION	DATE	MODIFIED
2		FIRST RELEASE	2017.11.07	
3	R3409-N	SIZE CHANGE OF STERN COVER	2019.08.14	
4	R4010W	ADJUST THE DATA/CORRECT THE ERROR	2019.12.25	

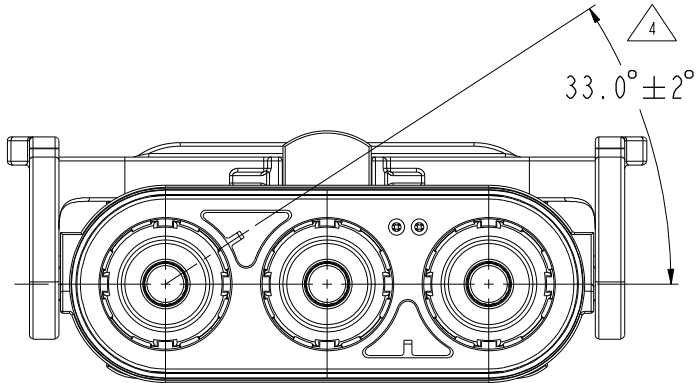
Amphenol PCDSZ
ORIGINAL
PDF Format
R&D



HVSL600 06 3A
CODING A



16~25MM^2 CABLE



HVSL600 06 3B
CODING B

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:

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	+

+: CRITICAL CHARACTERISTICS/关键特性

◎: IMPORTANT CHARACTERISTICS/重要特性

DIMENSIONS	TOLERANCES	PROJECTION	TITLE			
ANSI Y14.5M UNITS: MM Pro/E FILE	.X ±0.5 .XX ±0.05 ANGLES ±0.5°		Amphenol Pcd Shenzhen			
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF AMPHENOL PCD SHENZHEN		ENGR	HVSL600 06 3X X XX STRAIGHT PLUG ASSEMBLY		
			2017.11.07	SIZE A3	DWG NO. C-HVSLS600063XXXX	REV 4
			CHKD APPD	CODE: 58982	SCALE: 1:1	SHEET 1 OF 2

HVSLS600063X1XX	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	C200003641	25mm2	OUTER FERRULE	3
		P03BM00326	16mm2	OUTER FERRULE	3
	2	C4200036172	16mm2	SOCKET CONTACT ASSEMBLY	3
		C4200036171	25mm2	SOCKET CONTACT ASSEMBLY	3
	1	SEE TABLE 1	N/A	MAIN BODY & WITH HVIL	1
ASSEMBLY P/N	ITEM	COMPONENT P/N	CABLE SIZE	DESCRIPTION	Q'TY

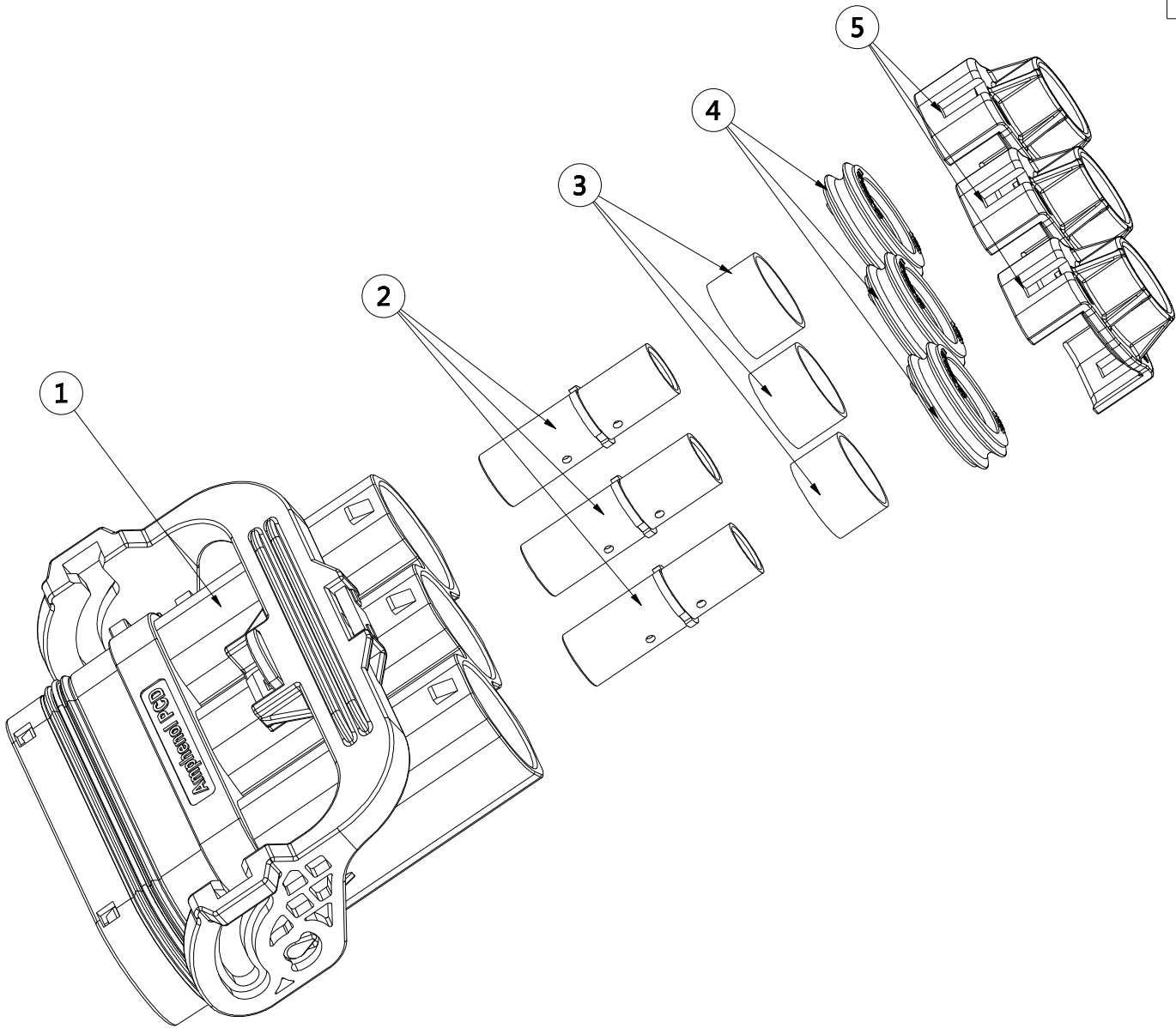


TABLE 1
HVSLS600063X1 SELECTION:

MAIN BODY P/N	KEY X
HVSLS600063A1	KEY A
HVSLS600063B1	KEY B

TABLE 2
HVSLS600063X0 SELECTION:

MAIN BODY P/N	KEY X
HVSLS600063A0	KEY A
HVSLS600063B0	KEY B

HVSLS600063X0XX	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	C200003641	25mm2	OUTER FERRULE	3
		P03BM00326	16mm2	OUTER FERRULE	3
	2	C4200036172	16mm2	SOCKET CONTACT ASSEMBLY	3
		C4200036171	25mm2	SOCKET CONTACT ASSEMBLY	3
	1	SEE TABLE 2	N/A	MAIN BODY & WITHOUT HVIL	1
ASSEMBLY P/N	ITEM	COMPONENT P/N	CABLE SIZE	DESCRIPTION	Q'TY