

Amphenol PCDSZ
ORIGINAL
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R & D

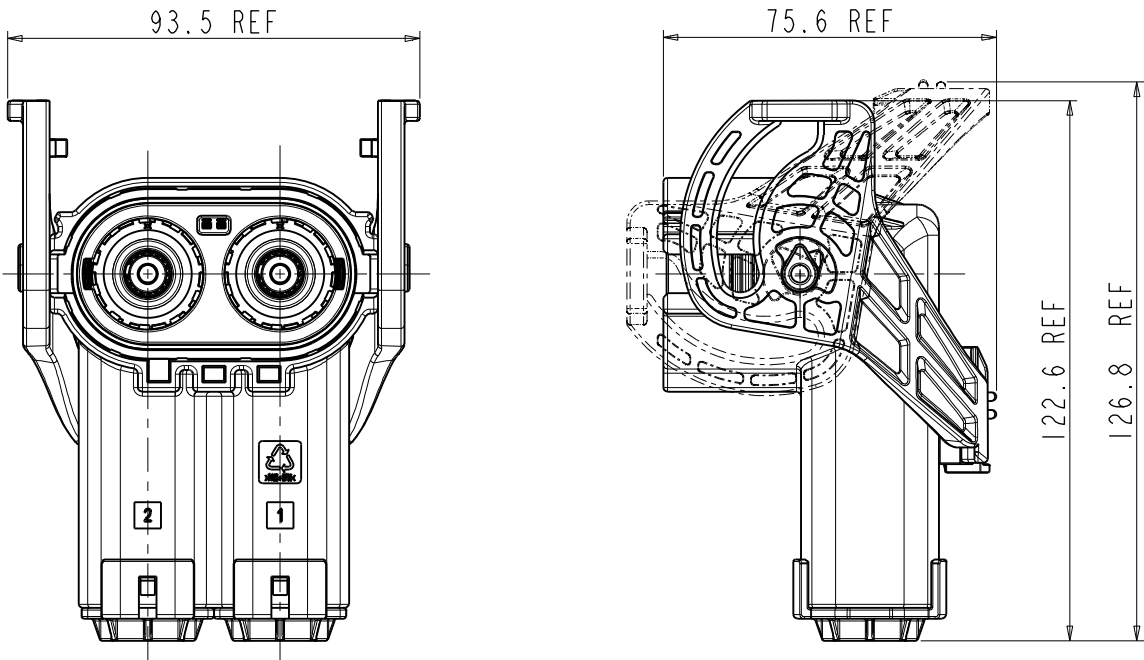
C-HVSLP1000082XXXX

REV	ECN	DESCRIPTION	DATE	MODIFIED
1		RELEASE	2021.01.26	
2	C5349-N	更新图纸主体组件料号	2021.04.16	

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

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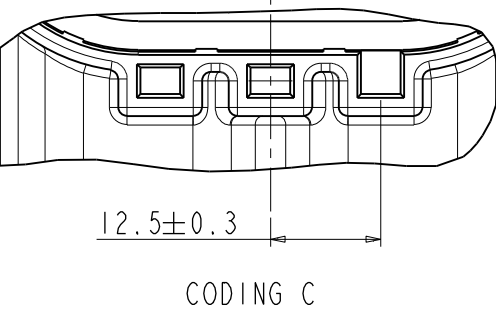
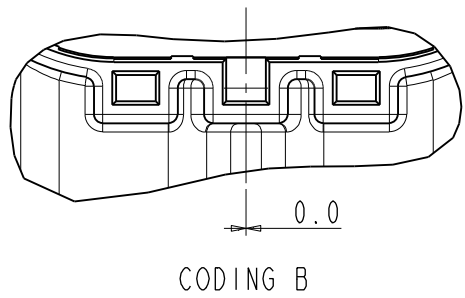
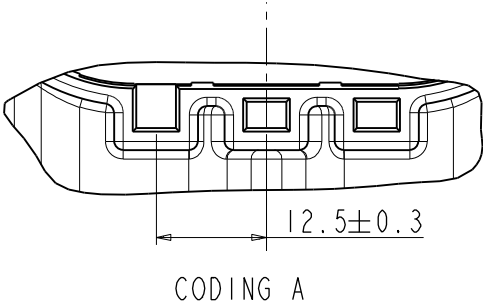
2021年9月9日



3. TECHNICAL DATA TABLE

TECHNICAL DATA		
CURRENT RATING (70mm ² SHIELDED CABLE)	250A@ AMBIENT 70°C	+
CURRENT RATING (50mm ² SHIELDED CABLE)	200A@ AMBIENT 70°C	+
CURRENT RATING (0.5mm ² UNSHIELDED CABLE)	5A@ AMBIENT 70°C	+
RATING VOLTAGE (OVERVOLTAGE CATEGORY II POLLUTION DRGREE 2)	1000V DC	+
OPERATING TEMPERATURE	-40°C~125°C	
DIELECTRIC WITHSTANDING VOLTAGE	POWER CONTACT:3000V AC(RMS)	+
	HVIL CONTACT:660V AC (RMS)	+
INSULATION RESISTANCE	200MΩ MIN. @25°C NO CABLE	+
DURABILITY	50 CYCLES	◎
SHIELDING	YES	
WATERPROF(MATED CONDITION)	IP67 IP6K9K	+
PROTECTION LEVEL	IP2XB	+
AMBIENT TEMPERATURE	-40°C~70°C	
RoHS	YES	+

NOTES:
1. MATERIAL & FINISH:
PLASTIC BODY: THERMOPLASTICS ORANGE COLOR
POWER CONTACT: COPPER ALLOY SILVER AND FOG TIN PLATED
2. PART NUMBER DESCRIPTION:
HVSLP 1000 08 2 X X XX
A: CODING A 0: WITHOUT HVIL 01: CROSS-SECTION 70mm²
B: CODING B I: WITH HVIL WIRE OD=17.9 ± 0.3mm
C: CODING C 02: CROSS-SECTION 50mm²
WIRE OD=15.5 ± 0.3mm



DIMENSIONS	TOLERANCES	PROJECTION	TITLE		
ANSI Y14.5M UNITS: MM Pro/E FILE	.X ±0.5 .XX ±0.05 ANGLES ±0.5°		HVSLP 1000 08 2 X X XX R/A PLUG ASSEMBLY		
			ENGR	2021.01.26	
			CHKD		
			APPD		
			SIZE	DWG NO.	REV
			A3	C-HVSLP1000082XXXX	2
			CODE: 58982	SCALE: 1:1	SHEET 1 OF 2

C-HVSLP1000082XXXX

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4. ASSEMBLY AND DETAIL BOM LIST SHOW

HVSLP1000 082XXXX	7	C2200037256	70mm ²	END CAP(WIRE OD=17.9±0.3mm)	2
		C2200037255	50mm ²	END CAP(WIRE OD=15.5±0.3mm)	2
	6	P0IBR00276	50mm ²	SEAL(WIRE OD=15.5±0.3mm)	2
		P0IBR00270	70mm ²	SEAL(WIRE OD=17.9±0.3mm)	2
	5	P0IBM00640	70mm ²	OUTER SHIELDING SLEEVE (WIRE OD=17.9±0.3mm)	2
		P0IBM00613	50mm ²	OUTER SHIELDING SLEEVE (WIRE OD=15.5±0.3mm)	2
	4	P0IBM00641	70mm ²	INNER SHIELDING SLEEVE (WIRE OD=17.9±0.3mm)	2
		P0IBM00614	50mm ²	INNER SHIELDING SLEEVE (WIRE OD=15.5±0.3mm)	2
	3	P0IBS0013702	50mm ²	LUG FOR AR PLUG(PRUCHASED SEPARATELY)	2
		P0IBS0013701	70mm ²	LUG FOR AR PLUG(PRUCHASED SEPARATELY)	2
△	2	P0IBN00628	N/A	M6 SCREW	2
	1	P02B000088XX	N/A	MAIN BODY	1
ASSEMBLY P/N	ITEM	COMPONENT P/N	CABLE SIZE	DESCRIPTION	Q'TY

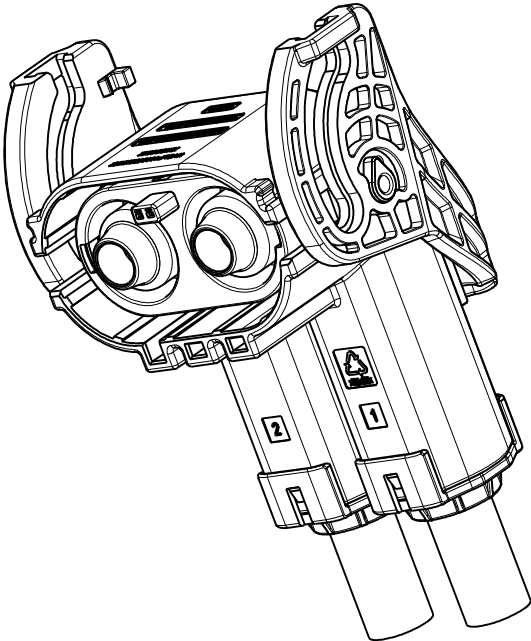
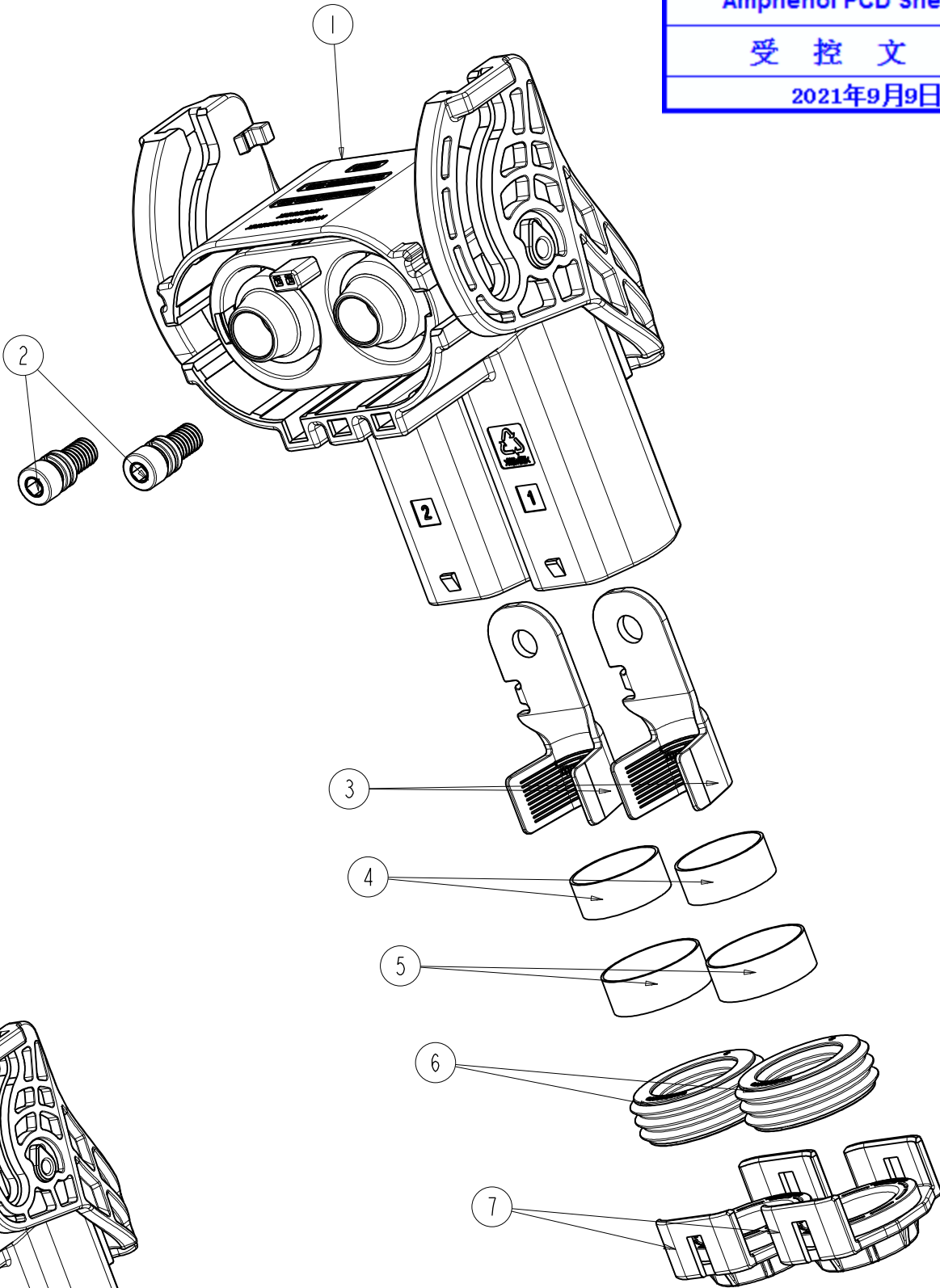
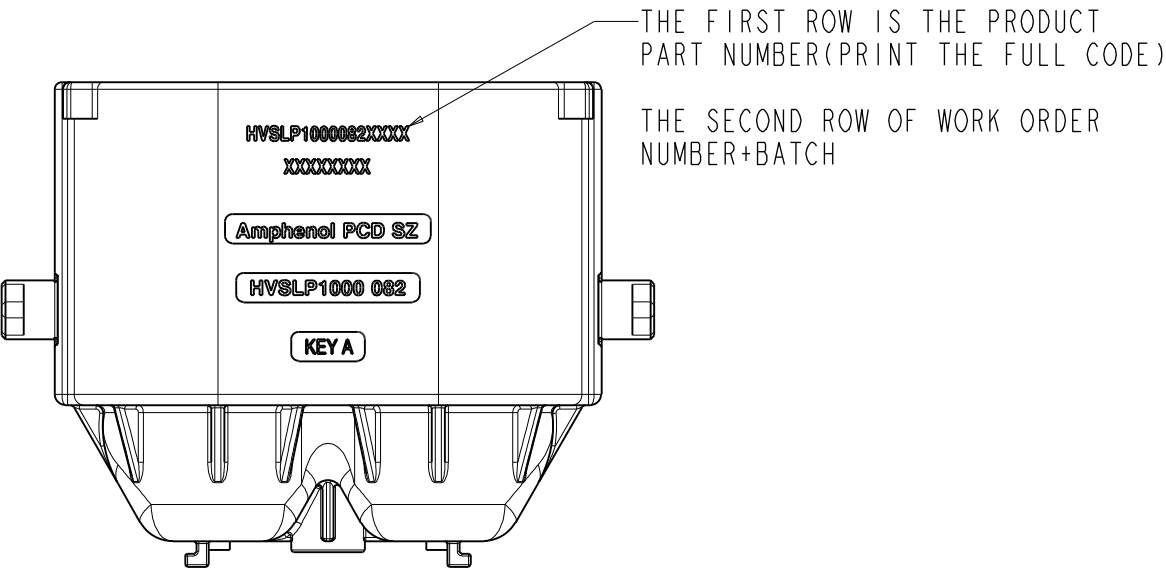
P02B000088XX SELECTION: △

MIAN BODY P/N	KEY X	DESCRIPTION
P02B00008801	KEY A	WITH HVIL
P02B00008802	KEY B	WITH HVIL
P02B00008803	KEY C	WITH HVIL
P02B00008804	KEY A	WITHOUT HVIL
P02B00008805	KEY B	WITHOUT HVIL
P02B00008806	KEY C	WITHOUT HVIL

5.PLUG DON'T INCLUD TRANSFER POWER CONTACT,NEED TO BUY SEPARATE:

THE POWER CONTACT(70mm2):P0IBS0013701,USE LEVEL:2PCS

THE POWER CONTACT(50mm2):P0IBS0013702,USE LEVEL:2PCS



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SIZE	DWG NO.	REV
A3	C-HVSLP1000082XXXX	2
CODE: 58982	SCALE: 3:10	SHEET 2 OF 2