

REV	ECN	DESCRIPTION	DATE	MODIFIED
1		FIRST-RELEASE	Apr-04-22	-

- NOTES:
1. TECHNICAL PARAMETERS AS BELOW:
 2. REFERENCE IEC 62196-2,IEC 62196-3.

Ambient temperature	-30° C~+50° C		The wiring method is subject to the cable assembly drawing. The following is for reference only.
Rated current	DC+&DC-:80A PP&CP: 2A	+	DC MAINS(DC+) 16.0mm T+ 0.75mm T- 0.75mm DC MAINS(DC-) 16.0mm T+ 0.75mm T- 0.75mm EARTHING(PE) 16.0mm CONTROL PILOT(PP) 0.75mm CONTROL PILOT(CP) 0.75mm RC=1500 Ω
Rated voltage	DC+&DC-:1000V DC PP&CP: 30V AC	+	
Withstanding Voltage	>3000V AC	+	
Insulation resistance	>100MΩ	+	
Durability	>10,000 Cycles	◎	
IP-Class	IP44(Mated)		
Flammability	UL-94V0		
RoHS	RoHS	+	
Cable OD	19.5+/-0.2mm		
DESCRIPTION	PARAMETER	SYMBOL	

**.:HVCOCMCR8PF516L0000 (Does not include temperature sensor parts; Temperature sensor needs to be purchased separately)

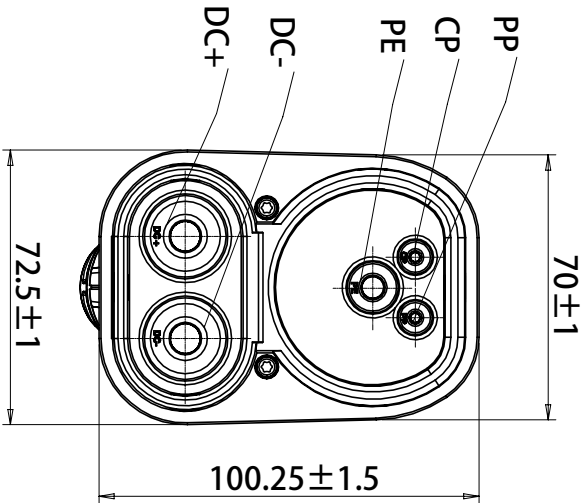
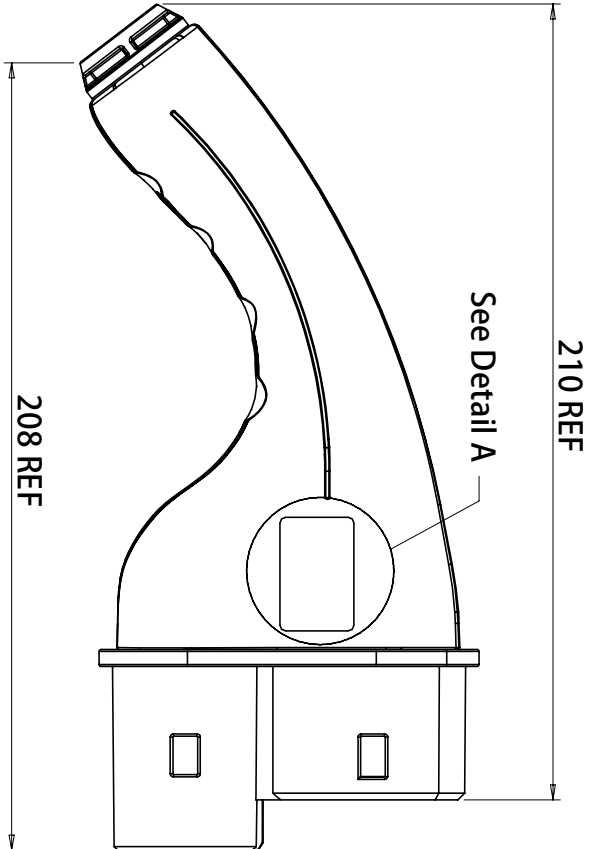
C-HVCOCMCR8PF5XXL0000

Ambient temperature	-30° C~+50° C		The wiring method is subject to the cable assembly drawing. The following is for reference only.
Rated current	DC+&DC-: 65A PP&CP: 2A	+	DC MAINS(DC+) 10.0mm T+ 0.75mm T- 0.75mm DC MAINS(DC-) 10.0mm T+ 0.75mm T- 0.75mm EARTHING(PE) 10.0mm CONTROL PILOT(PP) 0.75mm CONTROL PILOT(CP) 0.75mm RC=1500 Ω
Rated voltage	DC+&DC-:1000V DC PP&CP: 30V AC	+	
Withstanding Voltage	>3000V AC	+	
Insulation resistance	>100MΩ	+	
Durability	>10,000 Cycles	◎	
IP-Class	IP44(Mated)		
Flammability	UL-94V0		
RoHS	RoHS	+	
Cable OD	16.4+/-0.2mm		
DESCRIPTION	PARAMETER	SYMBOL	

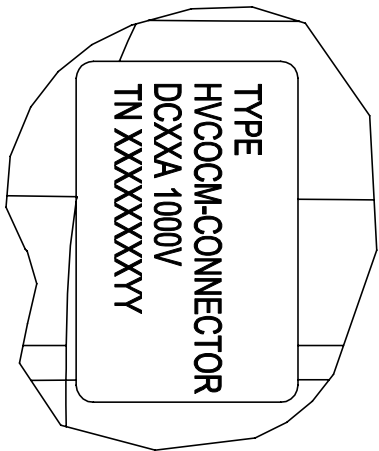
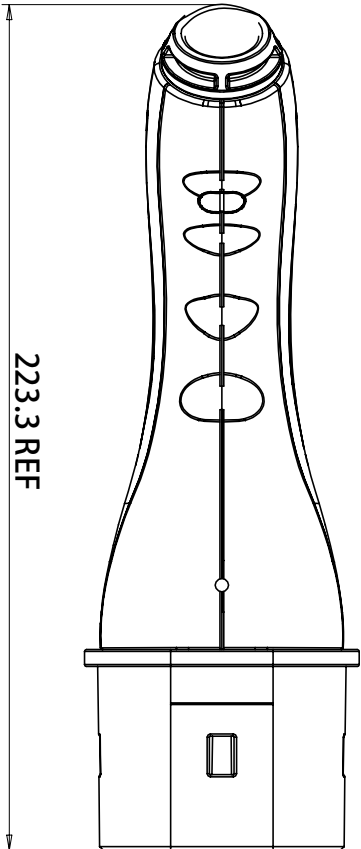
**.:HVCOCMCR8PF510L0000 (Does not include temperature sensor parts; Temperature sensor needs to be purchased separately)

Ambient temperature	-30° C~+50° C		The wiring method is subject to the cable assembly drawing. The following is for reference only.
Rated current	DC+&DC-: 40A PP&CP: 2A	+	DC MAINS(DC+) 6.0mm T+ 0.75mm T- 0.75mm DC MAINS(DC-) 6.0mm T+ 0.75mm T- 0.75mm EARTHING(PE) 6.0mm CONTROL PILOT(PP) 0.75mm CONTROL PILOT(CP) 0.75mm RC=1500 Ω
Rated voltage	DC+&DC-:1000V DC PP&CP: 30V AC	+	
Withstanding Voltage	>3000V AC	+	
Insulation resistance	>100MΩ	+	
Durability	>10,000 Cycles	◎	
IP-Class	IP44(Mated)		
Flammability	UL-94V0		
RoHS	RoHS	+	
Cable OD	14.6+/-0.2mm		
DESCRIPTION	PARAMETER	SYMBOL	

**.:HVCOCMCR8PF506L0000 (Does not include temperature sensor parts; Temperature sensor needs to be purchased separately)



IEC62196-1,IEC62196-3



Detail A
Scale:3:2

DIMENSIONS			TOLERANCES		PROJECTION		TITLE	
ANSI Y14.5M UNITS: MM CAD 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 Co., Ltd Amphenol PCD Shenzhen Co., Ltd RESERVES THE RIGHT TO CLARIFY THIS DRAWING		ENGR		Apr-04-22	
			CHKD		APPD		SIZE	
			A3		DWG NO.		REV	
			CODE: 58982		SCALE N/A		SHEET 1 OF 1	

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

受 控 文 件

2022年6月27日