

REV	ECN	DESCRIPTION	DATE	MODIFIED
1		PRE-RELEASE	2021.07.15	
2	R6051W	Modify printing and add CE mark	2021.07.15	
3	R7246N	ADD 1.5mm² AND 4mm² SPECIFICATIONS	2023.07.08	

NOTES:

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

Ambient temperature	-30°C~+50°C		
Rated current	L1&N&PE: 20A PP&CP: 2A	A.C MANS(L1) A.C MANS(L2) A.C MANS(L3) A.C MANS(L3) NEUTRAL(N) EARTHING(PE)	2.5mm² CABLE(BROWN) NO CONTACT & NO CABLE NO CONTACT & NO CABLE 2.5mm² CABLE(BLUE) 2.5mm² CABLE(YELLOW&GREEN) PRC=880Q
Rated voltage	L1&N&PE: 250V AC PP&CP: 30V AC	+	
Withstanding Voltage	>2000V AC	+	
Insulation resistance	>100MΩ	+	
Durability	>10,000 Cycles	◎	
IP-Class	IP55(Male)		CONTROL PILOT(P) CONTROL PILOT(CP)
Flammability	UL-94V0		0.5mm² CABLE(BL&B GRN) 0.5mm² CABLE(RED)
RoHS	RoHS	+	
Cable OD	10.2+/-0.35mm		
DESCRIPTION	PARAMETER	SYMBOL	

HVCOMBSR6PS02L0000

Ambient temperature	-30°C~+50°C		
Rated current	L1&N&PE: 32A PP&CP: 2A	+	A.C MAINS(L1) A.C MAINS(L2) A.C MAINS(L3) NEUTRAL(N) EARTHING(PE)
Rated voltage	L1&N&PE: 250V AC PP&CP: 30V AC	+	6mm² CABLE(BROWN) NO CONTACT & NO CABLE NO CONTACT & NO CABLE 6mm² CABLE(BLUE) 6mm² CABLE(YELLOW&GREEN)
Withstanding Voltage	>2000V AC	+	
Insulation resistance	>100MΩ	+	
Durability	>10,000 Cycles	◎	
IP-Class	IP55(Male)		CONTROL PILOT(P) CONTROL PILOT(CP)
Flammability	UL-94V0		0.5mm² CABLE(BL&B GRN) 0.5mm² CABLE(RED)
RoHS	RoHS	+	
Cable OD	12.8+/-0.4mm		
DESCRIPTION	PARAMETER	SYMBOL	

HVCOMBSR6PF506L0000

IEC EV PLUG

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Ambient temperature	-30°C~+50°C			
Rated current	L1&L2&L3&N&PE: 20A PP&CP: 2A	+	A.C MAINS(L1) A.C MAINS(L2) A.C MAINS(L3) A.C MAINS(L3) NEUTRAL(N) EARTHING(PE)	2.5mm² CABLE(BROWN) 2.5mm² CABLE(BLACK) 2.5mm² CABLE(GRAY) 2.5mm² CABLE(BLUE) 2.5mm² CABLE(YELLOW&GREEN) PRC=880Q
Rated voltage	L1&L2&L3&N&PE: 480V AC PP&CP: 30V AC	+		
Withstanding voltage	>2000V AC	+		
Insulation resistance	>100MΩ	+		
Durability	>10,000 cycles	◎		
IP-Class	IP55(Male)		CONTROL PILOT(P) CONTROL PILOT(CP)	0.5mm² CABLE(BL&B GRN) 0.5mm² CABLE(RED)
Flammability	UL-94V0			
RoHS	RoHS	+		
Cable OD	12.8+/-0.4mm			
DESCRIPTION	PARAMETER	SYMBOL		

HVCOMBSR6PS702L0000

IEC EV PLUG

Ambient temperature	-30°C~+50°C		
Rated current	L1&L2&L3&N&PE: 32A PP&CP: 2A	+	A.C MAINS(L1)
Rated voltage	L1&L2&L3&N&PE: 480V AC PP&CP: 30V AC	+	A.C MAINS(L2)
Withstanding Voltage	>2000V AC	+	A.C MAINS(L3)
Insulation resistance	>100MΩ	+	NEUTRAL(N)
Durability	>10,000 Cycles	◎	EARTHING(PE)
IP-Class	IP55(Male)		CONTROL PILOT(P)
Flammability	UL-94V0		CONTROL PILOT(CP)
RoHS	RoHS	+	
Cable OD	16.1+/-0.4mm		
DESCRIPTION	PARAMETER	SYMBOL	

IEC EV PLUG

6mm² CABLE(BROWN)

6mm² CABLE(BLACK)

6mm² CABLE(GRAY)

6mm² CABLE(BLUE)

6mm² CABLE(YELLOW&GREEN)

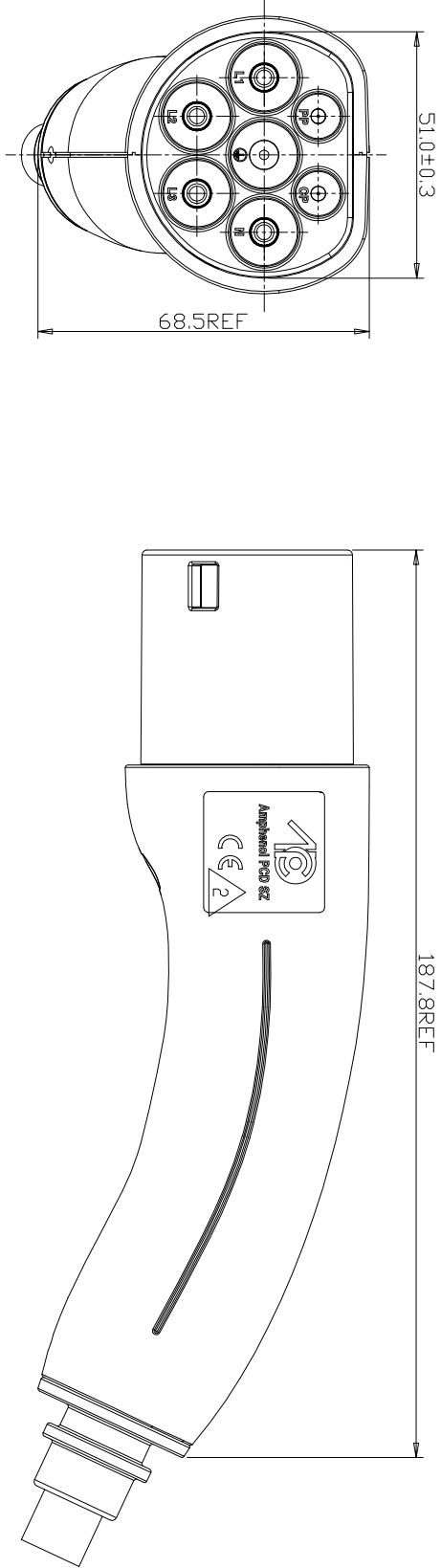
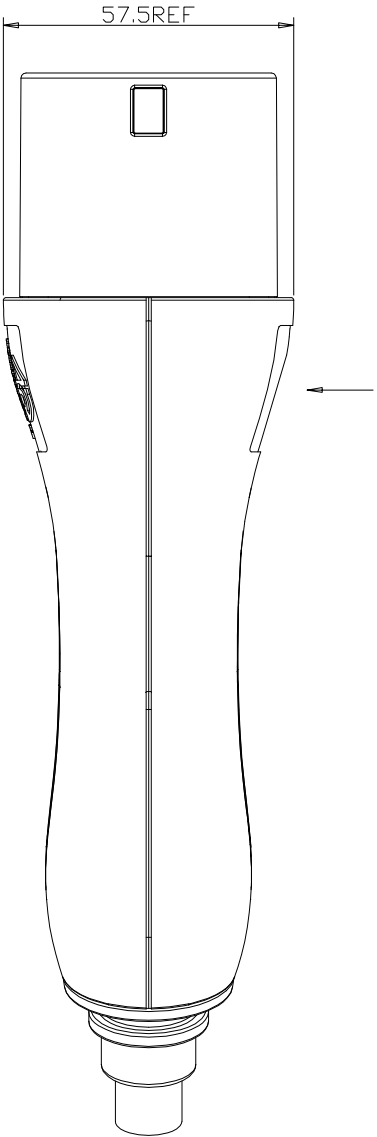
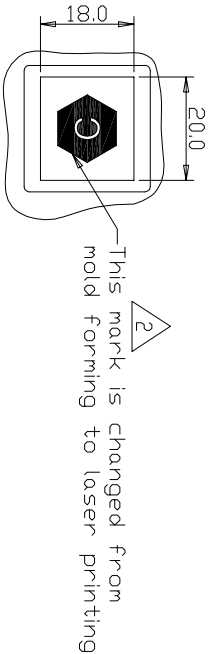
0.5mm² CABLE(RED)

PRC=220Ω

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DIMENSIONS	ANSI Y14.5M	TOLERANCES	PROJECTION	Amphenol PCD Shenzhen			TITLE				
	UNITS: MM										
	PRO/E FILE										
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			CHKD	ENGR	2021.07.15	SIZE	DWG NO.	REV		
				APPD							
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C-HVCOIMBSR6PXXXXLXXXX

C-HVCOMBSR6PXXXXLXXXX

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

Ambient temperature	-30°C~+50°C		
Rated current	L1&L2&L3&N&PE: 20A PP&CP: 2A	+	A.C MANS(L1) 1.5mm² CABLE(BROWN) NO CONTACT & NO CABLE
Rated voltage	L1&L2&L3&N&PE: 250V AC PP&CP: 30V AC	+	A.C MANS(L2) NO CONTACT & NO CABLE
Withstanding Voltage	>2000V AC	+	A.C MANS(L3) NO CONTACT & NO CABLE
Insulation resistance	>100MΩ	+	NEUTRAL(N) 1.5mm² CABLE(BLUE)
Durability	>10,000 Cycles	◎	EARTHING(PE) 1.5mm² CABLE(YELLOW&GREEN)
IP-Class	IP55(Male)		CONTROL PILOT(P) 0.5mm² CABLE(BN CABLE)
Flammability	UL-94V0		CONTROL PILOT(CP) 0.5mm² CABLE(RED)
RoHS	RoHS	+	
Cable OD	9.6+/-0.3mm	△	
DESCRIPTION	PARAMETER	SYMBOL	

△HVCOIMBSR6PS01L0000

Ambient temperature	-30°C~+50°C		
Rated current	L1&L2&L3&N&PE: 32A PP&CP: 2A	+	A.C MANS(L1) 4mm² CABLE(BROWN) NO CONTACT & NO CABLE
Rated voltage	L1&L2&L3&N&PE: 250V AC PP&CP: 30V AC	+	A.C MANS(L2) NO CONTACT & NO CABLE
Withstanding Voltage	>2000V AC	+	A.C MANS(L3) NO CONTACT & NO CABLE
Insulation resistance	>100MΩ	+	NEUTRAL(N) 4mm² CABLE(BLUE)
Durability	>10,000 Cycles	◎	EARTHING(PE) 4mm² CABLE(YELLOW&GREEN)
IP-Class	IP55(Male)		CONTROL PILOT(P) 0.5mm² CABLE(BN CABLE)
Flammability	UL-94V0		CONTROL PILOT(CP) 0.5mm² CABLE(RED)
RoHS	RoHS	+	
Cable OD	11.5+/-0.4mm	△	
DESCRIPTION	PARAMETER	SYMBOL	

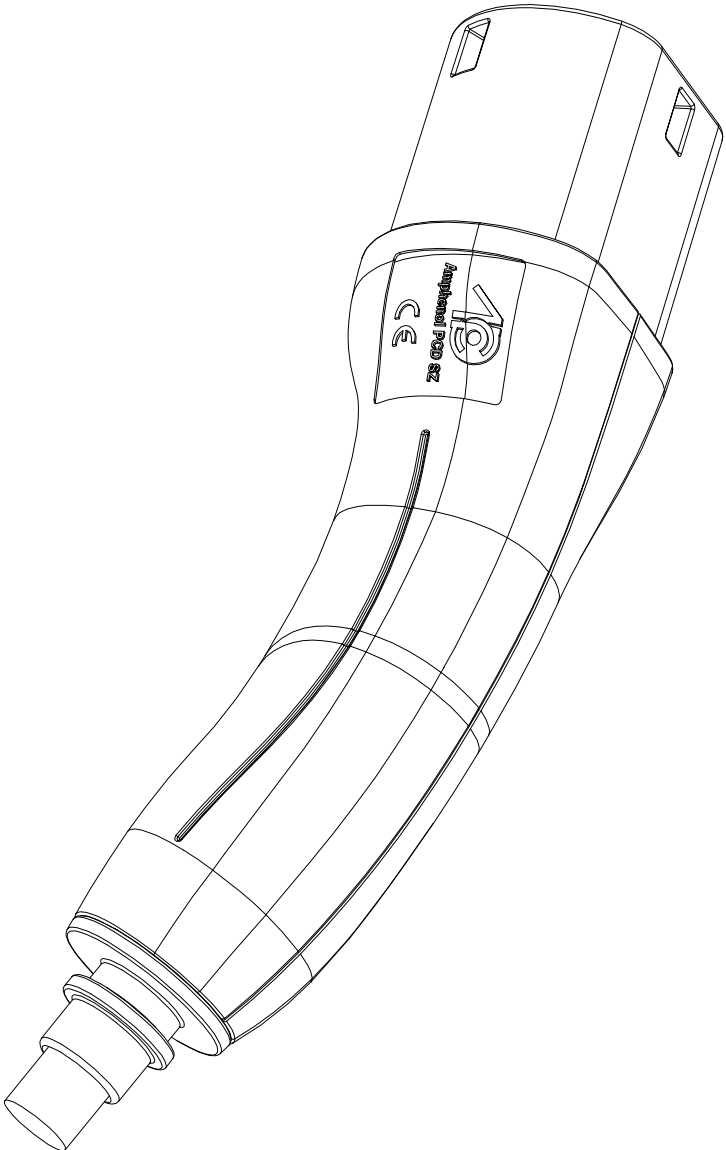
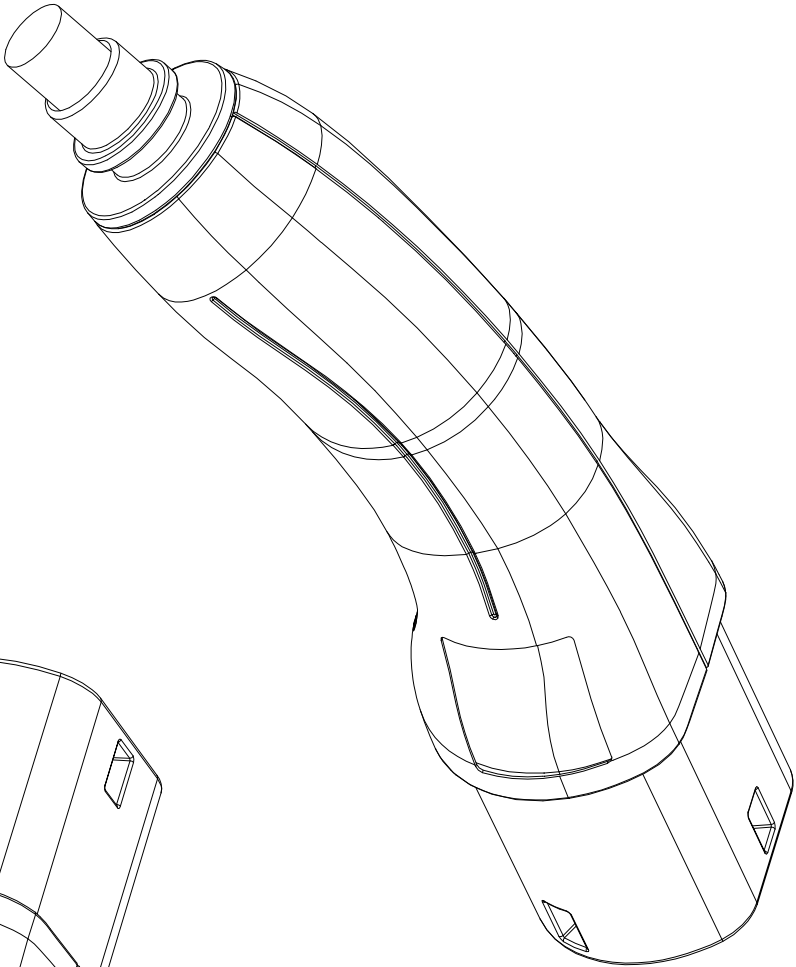
△HVCOIMBSR6PF504L0000

Ambient temperature	-30°C~+50°C		
Rated current	L1&L2&L3&N&PE: 20A PP&CP: 2A	+	A.C MANS(L1) 1.5mm² CABLE(BROWN) NO CONTACT & NO CABLE
Rated voltage	L1&L2&L3&N&PE: 480V AC PP&CP: 30V AC	+	A.C MANS(L2) 1.5mm² CABLE(BLACK)
Withstanding Voltage	>2000V AC	+	A.C MANS(L3) 1.5mm² CABLE(GRAY)
Insulation resistance	>100MΩ	+	NEUTRAL(N) 1.5mm² CABLE(BLUE)
Durability	>10,000 Cycles	◎	EARTHING(PE) 1.5mm² CABLE(YELLOW&GREEN)
IP-Class	IP55(Male)		CONTROL PILOT(P) 0.5mm² CABLE(BN CABLE)
Flammability	UL-94V0		CONTROL PILOT(CP) 0.5mm² CABLE(RED)
RoHS	RoHS	+	
Cable OD	11.5+/-0.4mm	△	
DESCRIPTION	PARAMETER	SYMBOL	

△HVCOIMBSR6PS701L0000

Ambient temperature	-30°C~+50°C		
Rated current	L1&L2&L3&N&PE: 32A PP&CP: 2A	+	A.C MANS(L1) 4mm² CABLE(BROWN) NO CONTACT & NO CABLE
Rated voltage	L1&L2&L3&N&PE: 480V AC PP&CP: 30V AC	+	A.C MANS(L2) 4mm² CABLE(BLACK)
Withstanding Voltage	>2000V AC	+	A.C MANS(L3) 4mm² CABLE(GRAY)
Insulation resistance	>100MΩ	+	NEUTRAL(N) 4mm² CABLE(BLUE)
Durability	>10,000 Cycles	◎	EARTHING(PE) 4mm² CABLE(YELLOW&GREEN)
IP-Class	IP55(Male)		CONTROL PILOT(P) 0.5mm² CABLE(BN CABLE)
Flammability	UL-94V0		CONTROL PILOT(CP) 0.5mm² CABLE(RED)
RoHS	RoHS	+	
Cable OD	14.2+/-0.3mm	△	
DESCRIPTION	PARAMETER	SYMBOL	

△HVCOIMBSR6PF704L0000



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