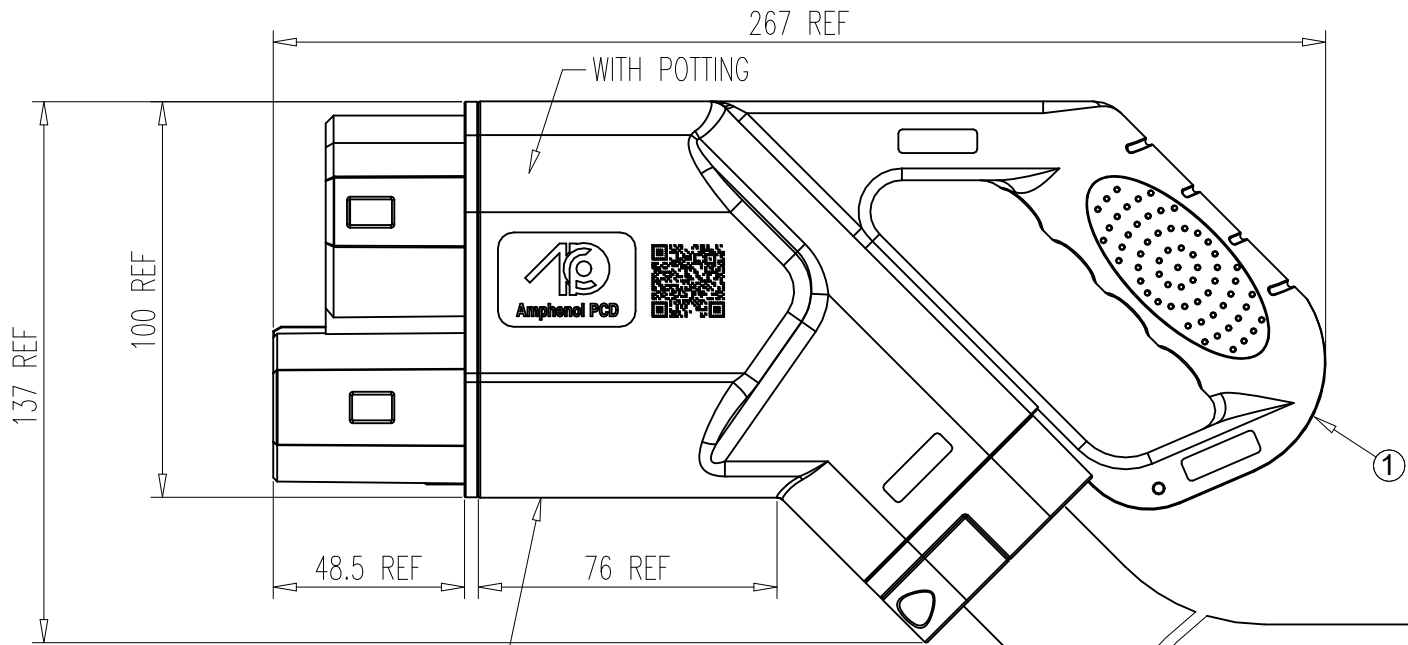
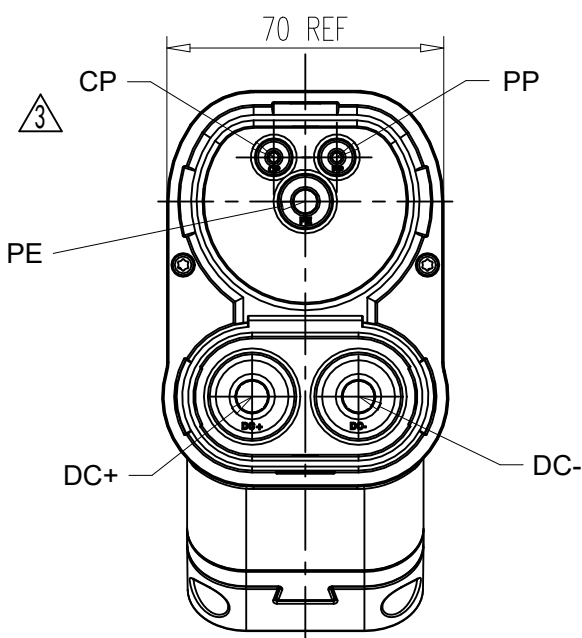
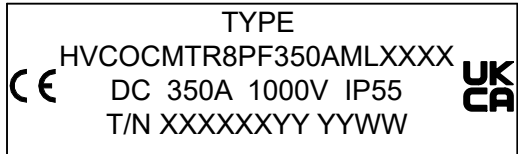


REV	ECN	DESCRIPTION	DATE	MODIFIED
1		RELEASE	Nov-13-2023	
2	R7957N	UPDATE LABEL TEXT ON METERING WIRES&NOTE	Mar-29-2024	
3	R8656W	UPDATED CONNECTOR	Dec-26-2024	
4	R09609	UPDATED PE WIRES	Sep-29-2025	

Amphenol PCD SZ
ORIGINAL
PDF Format
R&D



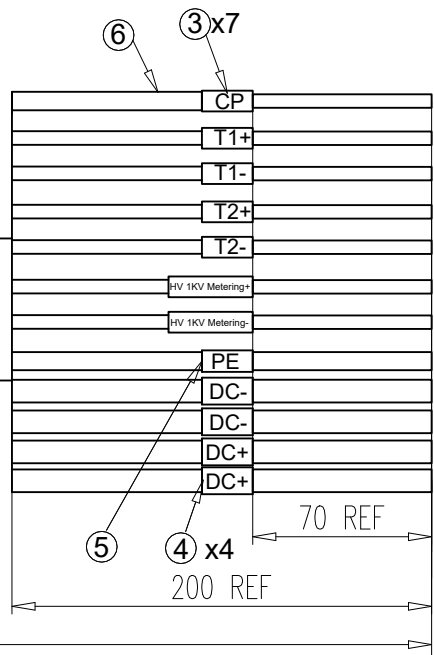
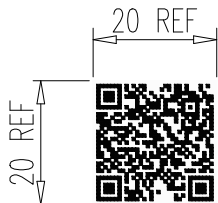
Laser marking



YYWW:Year/Week
XXXXXXYY:Work order number+batch number
LXXXX:XXXX=Cable length

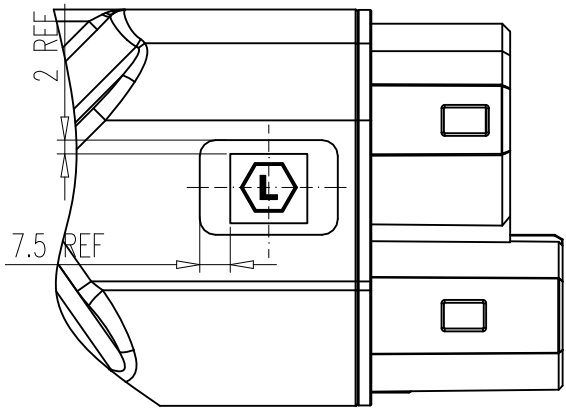
QR code Content including:

Part number
#Work order number
#Serial number ex:0001
(ex:HVCOCMTR8PF350AML5000#XXXXXX#XXXX)

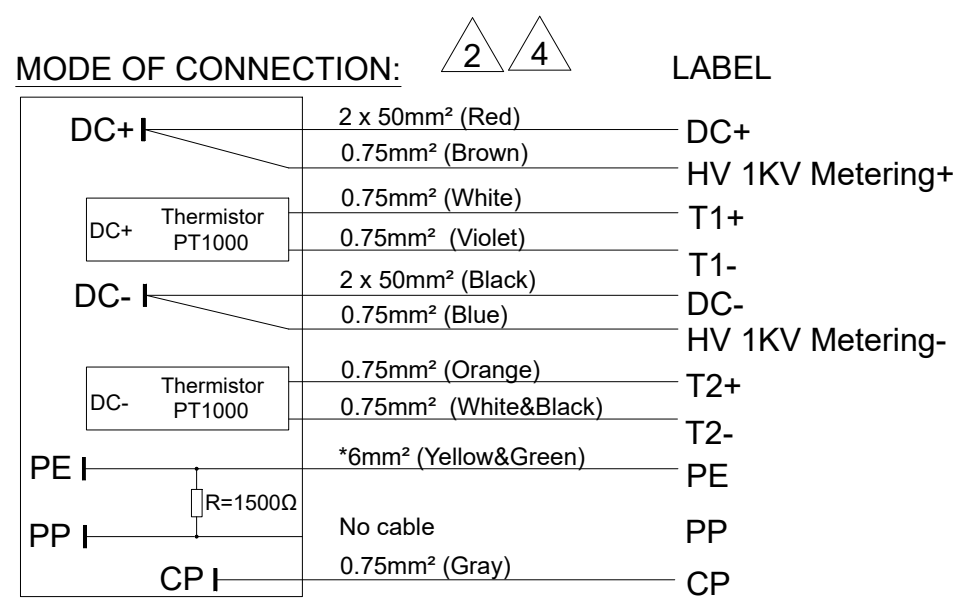


LENGTH	TOLERANCE
0 to 1000mm	±50
1001 to 5000mm	±100
>5000mm	±200

Identifier:



DIMENSIONS	TOLERANCES	PROJECTION	TITLE			
ANSI Y14.5M UNITS: MM CAD FILE	.X ± 0.5 .XX ± 0.05 ANGLES ± 2°		CCS2 350A-POTTING PLUG CABLE ASSEMBLY			
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF AMPHENOL PCD SHENZHEN. AMPHENOL PCD SHENZHEN RESERVES THE RIGHT TO CLARIFY THIS DRAWING.	CHKD APPD	Amphenol PCD Shenzhen		SIZE A3	REV 4
			ENGR Nov-13-2023		DWG NO. C-HVCOCMTR8PF350AMLXXXX	
			CODE:		SCALE 1:1	SHEET 1 OF 2



3

***Notes:**

1.Cable Assembly Data:

Storage temperature: -40°C to +80°C

Ambient Temperature: -40°C to +50°C, (+55°C max,

Current reduction required, when the working temperature is beyond 90°C)

✦ Rated Voltage: 1000V DC (DC+, DC-); 30V DC (CP, PP);

✦ Rated Current: 2A Max (CP, PP); 350A Max (DC+, DC-)

✦ Insulation Resistance: DC 1000V 100MΩ Min (DC+, DC-, PE)

DC 500V 100MΩ Min (CP, Thermistor wires);

✦ Withstand Voltage: 3000V AC (DC+, DC-, PE);

500V AC (CP, Thermistor wires);

✦ IP-Class: IP55 (mated); IP67 (enclosure/initial)

☉ Durability: 20000 cycles

✦ RoHS Compliance

2.Connector reference: C-HVCOCMTR8PFXXXAL0000

3.Reference For, IEC 62196-3; EN17186

4.Cable minimum bending radius: 10 OD

5.For HV 1KV Metering wires: Please protect with insulated material at the tail if don't use both wires

*Ground wire is suitable for isolated DC EV supply equipment as reference earth or function earth.

2

4

⑥	P05B000007	SINGLE-WALL H.S.T: Ø6 BLACK	0.10	m
⑤	P05B000006	SINGLE-WALL H.S.T: Ø6 WHITE	0.02	m
④	C210006511	SINGLE-WALL H.S.T: Ø12.7 WHITE	0.12	m
③	C210006837	SINGLE-WALL H.S.T: Ø3.2 WHITE	0.14	m
②	CABLE	4x50mm ² +6mm ² +8x0.75mm ² OD=34±1 BLACK	AR	m
①	HVCOCMTR8PF350AM3N0000	CCS2 350A PLUG-POTTING BLACK	1	EA

4

ITEM	P/N	DESCRIPTION	QTY	UNIT
		SIZE	DWG NO.	REV
		A3	C-HVCOCMTR8PF350AMLXXXX	4
		CODE:	SCALE 1:1	SHEET 2 OF 2