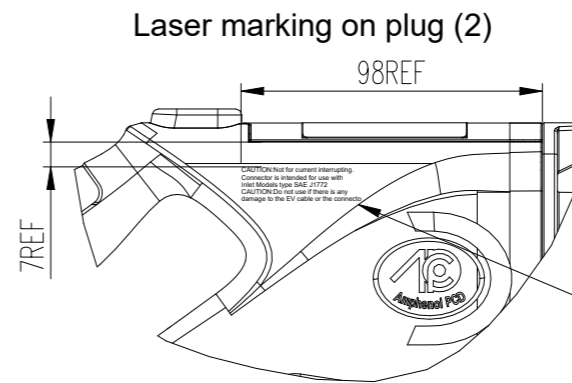
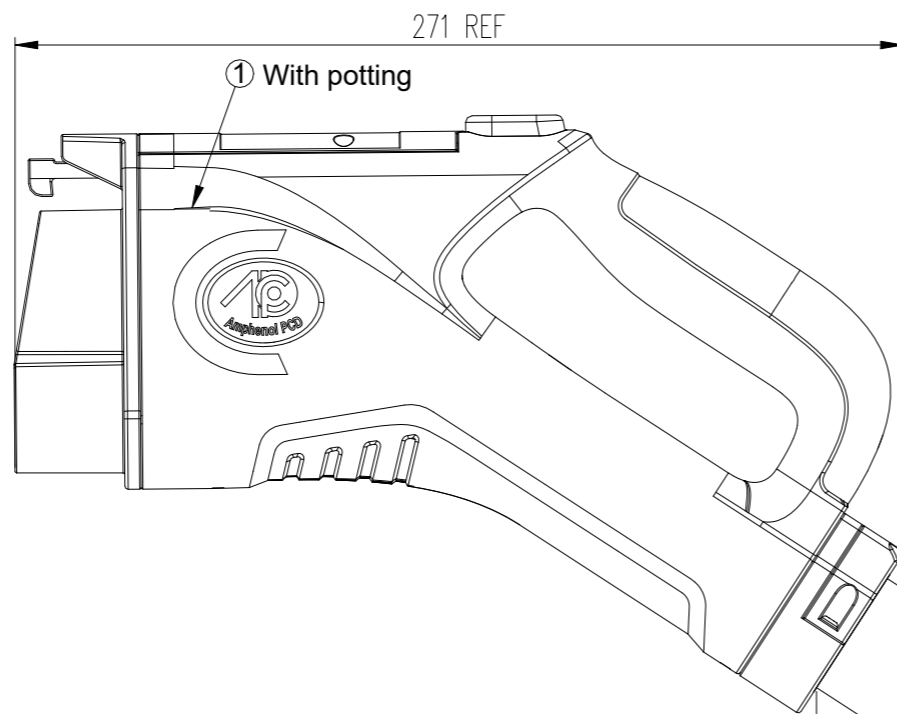
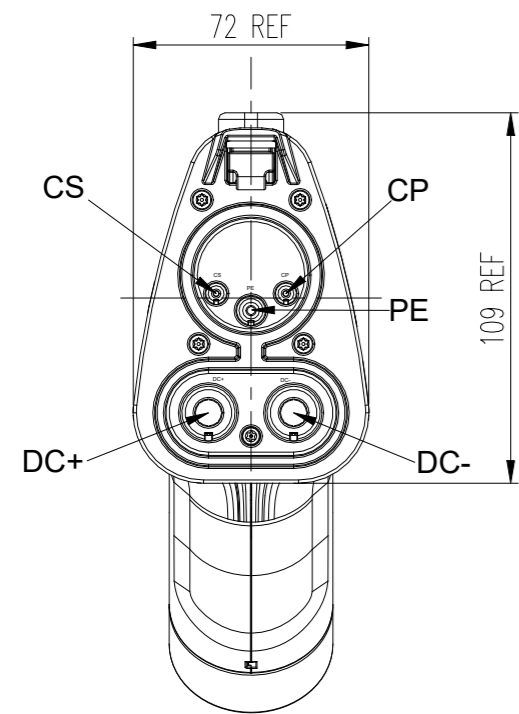
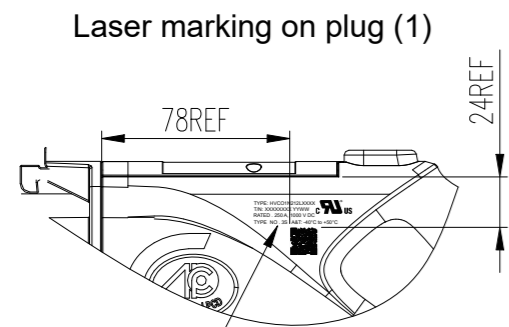


REV	ECN	DESCRIPTION	DATE	MODIFIED
1		RELEASE	Aug-26-2025	

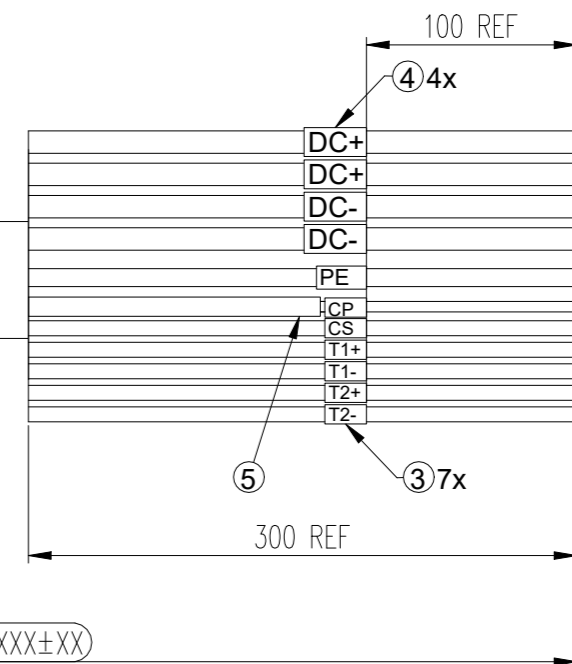
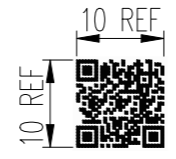
Amphenol PCD SZ
ORIGINAL
PDF Format
R&D



CAUTION: Not for current interrupting.
Connector is intended for use with
Inlet Models type SAE J1772
CAUTION: Do not use if there is any
damage to the EV cable or the connector



QR code Content including:
Part number
#Work order number
#Serial number ex:0001
(ex:HVCO1N212LXXXX#XXXXXX#XXXX)



TYPE: HVCO1N212LXXXX
T/N: XXXXXXXX YYWW
RATED . 250 A, 1000 V DC
TYPE NO . 3S A&T: -40°C to +50°C
T/N: XXXXXXXX YYWW
YYWW: Year/Week
XXXXXXX: Work order number+batch number
LXXXX: XXXX=Cable length

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

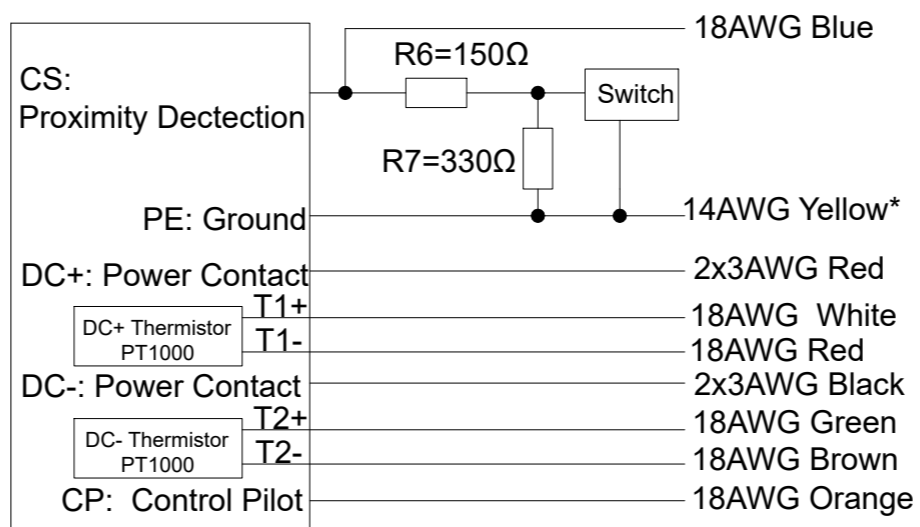
DIMENSIONS	TOLERANCES	PROJECTION	TITLE		
ANSI Y14.5M UNITS: MM CAD FILE	.X ± 0.50 .XX ± 0.05 ANGLES ± 2°		Amphenol PCD Shenzhen		
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF Amphenol PCD Shenzhen Co. Ltd Amphenol PCD Shenzhen Co. Ltd RESERVES THE RIGHT TO CLARIFY THIS DRAWING	ENGR	GEN3 CCS1 CONNECTOR 250A 1000V F/R 4X3AWG CABLE ASSEMBLY		
		CHKD APPD	SIZE A3	DWG NO. C-HVCO1N212LXXXX	REV 1
		SCALE 1:1	SHEET 1 OF 2		

安费诺精密连接器(深圳)有限公司
Amphenol PCD Shenzhen
受控文件
2025年9月8日

C-HVCO1N212LXXXX

C-HVCO1N212LXXXX

Mode Of Connection:



NOTES:

1. Cable assembly data:

1>. Ambient Temperature: -40°C to +50°C
(+55°C max, Current reduction required, when the maximum temperature is beyond 90°C)

✦ 2>. Rated Voltage, Rate Current:

CP, CS: DC 30V ,2A;
DC+, DC-: DC 1000V, 250A

✦ 2. Outdoor Use: UL Type 3S (Water resistant); IP67 (Enclosure)

◎ 3. Durability: 20000 cycles (Replaceable)

4. The Type Of Temperature Sensor: PT1000

✦ 5. Dielectric Withstand Voltage :

DC+, DC-, PE: 3000V AC; CP, CS, thermistor wires: 500V AC

✦ 6. Insulation Resistance Test: DC+, DC-, PE: DC 1000V, 100MΩ Min

CP, CS, thermistor wires: DC 500V, 100MΩ Min

7. Reference For SAE J1772 ,UL2251

8. Charge gun assembly reference: C-HVCO1NX12

✦ 9. RoHS Compliance

10. Cable minimum bending radius: 5xOD (Static applications); 10xOD (Dynamic applications)

11. Weight of Cable: app 1480g/m

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

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

受 控 文 件

2025年9月8日

⑤	C210000080	SINGLE-WALL H.S.T: Ø5.0 BLACK	0.20	m
④	P05B000019	SINGLE-WALL H.S.T: Ø10 WHITE	0.08	m
③	P05B000029	SINGLE-WALL H.S.T: Ø3.0 WHITE	0.14	m
②	CABLE	4X3AWG+14AWG+6X18AWG BK OD28.7mm	AR	m
①	HVCO1N212	CCS1 250A PLUG,1000V,BLACK, REPLACEABLE	1	EA
ITEM	P/N	DESCRIPTION	QTY	UNIT

SIZE	DWG NO.	REV
A3	C-HVCO1N212LXXXX	1
SCALE	1:1	SHEET 2 OF 2