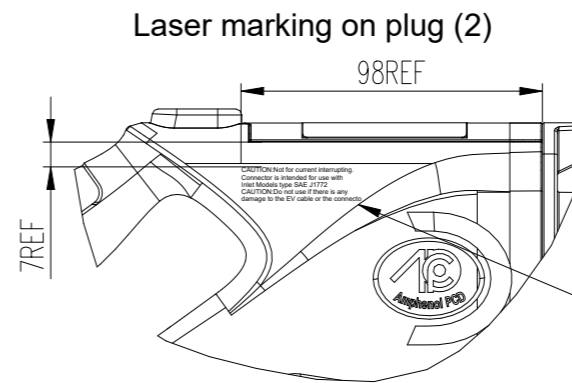
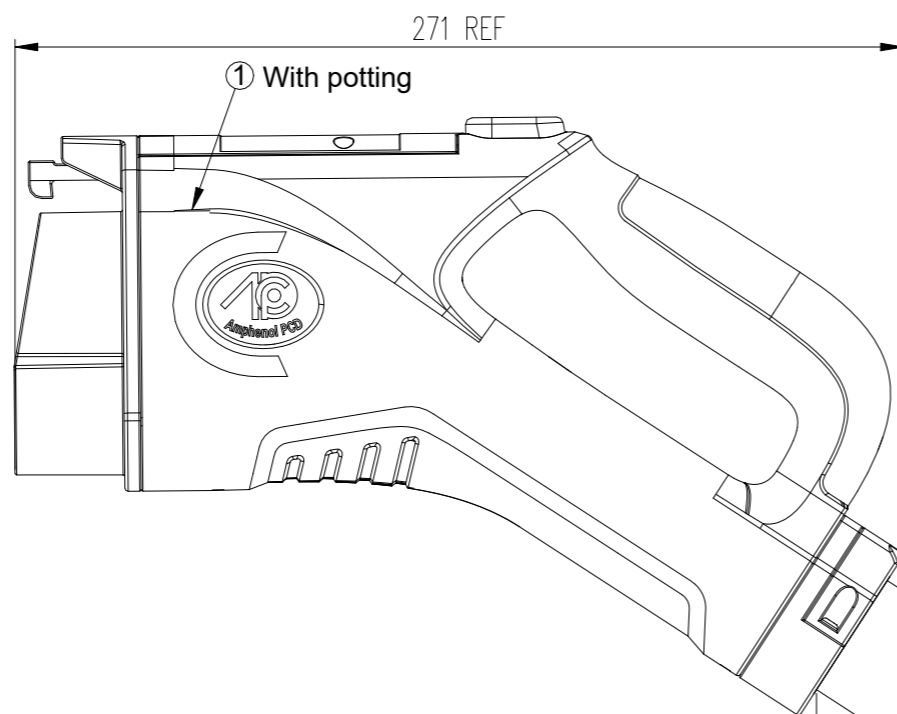
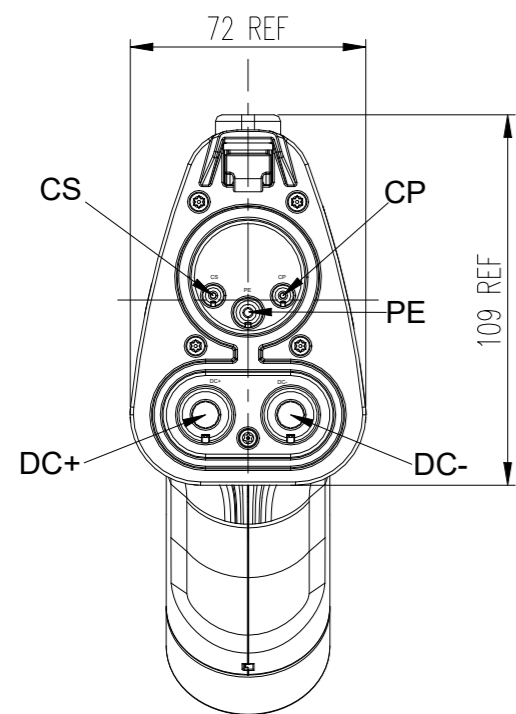


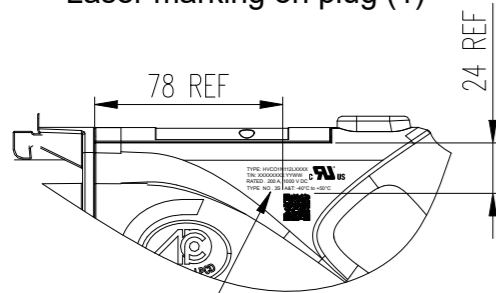
REV	ECN	DESCRIPTION	DATE	MODIFIED
1		RELEASE	Jul-29-2025	Max

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

Laser marking on plug (1)

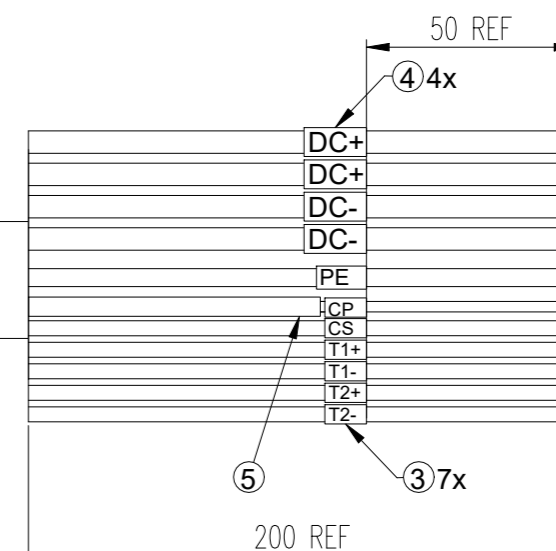


QR code Content including:
Part number
#Work order number
#Serial number ex:0001
(ex:HVCO1N112LXXXX#XXXXXX#XXXX)



Note: Can not print UL logo until Amphenol gets Certificate

TYPE: HVCO1N112LXXXX
T/N: XXXXXXXX YYWW
RATED . 200 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 Max.Ma	Jul-29-2025	
			CHKD 	APPD 	SIZE A3
			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7月31日

C-HVCO1N112LXXXX

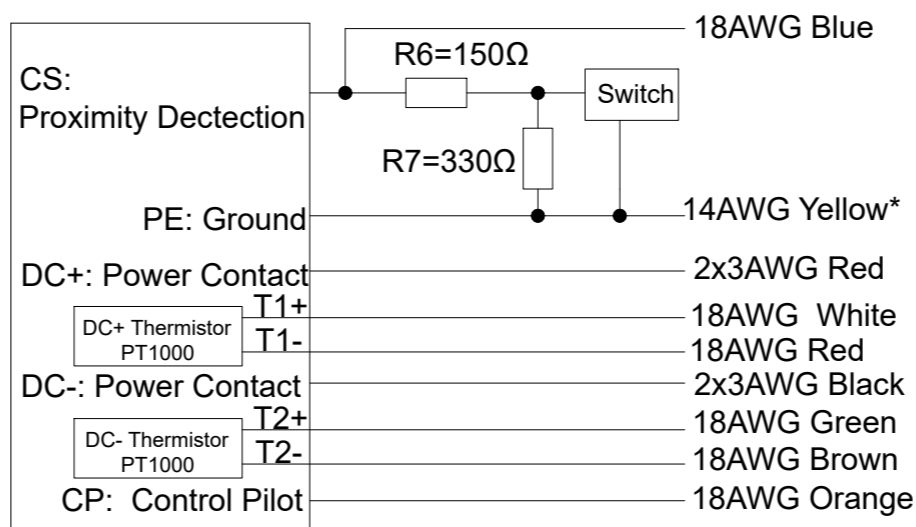
C-HVCO1N112LXXXX

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

受控文件

2025年7月31日

Mode Of Connection:



C-HVCO1N112LXXXX

C-HVCO1N112LXXXX

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, 200A
 - ✦ 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, 5MΩ Min
 - CP, CS, thermistor wires: DC 500V, 5MΩ Min
 7. Reference For SAE J1772 ,UL2251
 8. Charge gun assembly reference: C-HVCO1NX12
 - ✦ 9. RoHS Compliance
 10. Cable minimum bending radius: 10 OD
 11. Weight of Cable: app 1480g/m
 - Weight of plug: app 1380g/m

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

⑤	C210000080	SINGLE-WALL H.S.T: Ø5.0 BLACK	0.15	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	HVCO1N112	CCS1 200A PLUG,1000V,BLACK, REPLACEABLE	1	EA
ITEM	P/N	DESCRIPTION	QTY	UNIT

SIZE	DWG NO.	REV
A3	C-HVCO1N112LXXXX	1
SCALE	1:1	SHEET 2 OF 2