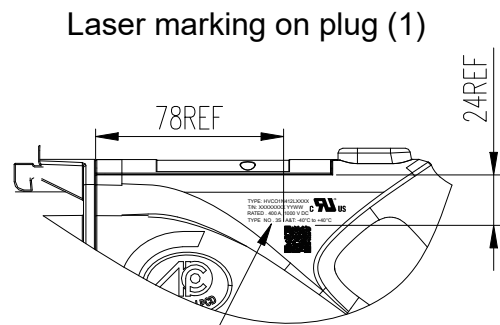
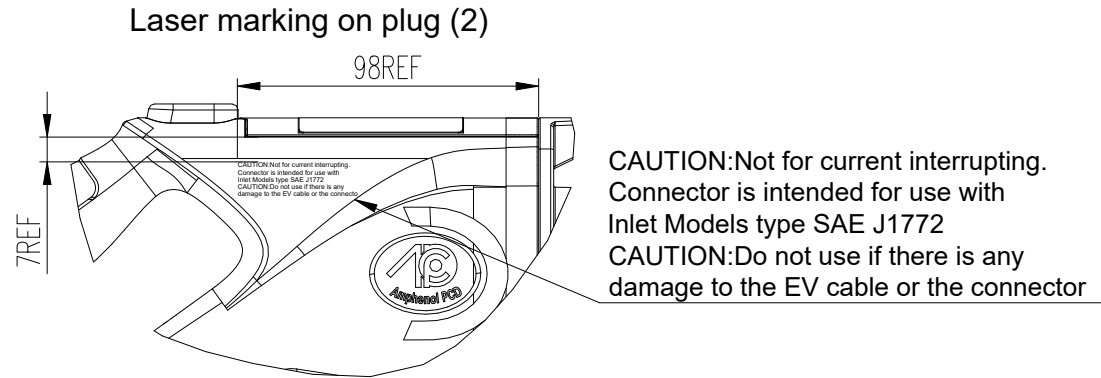
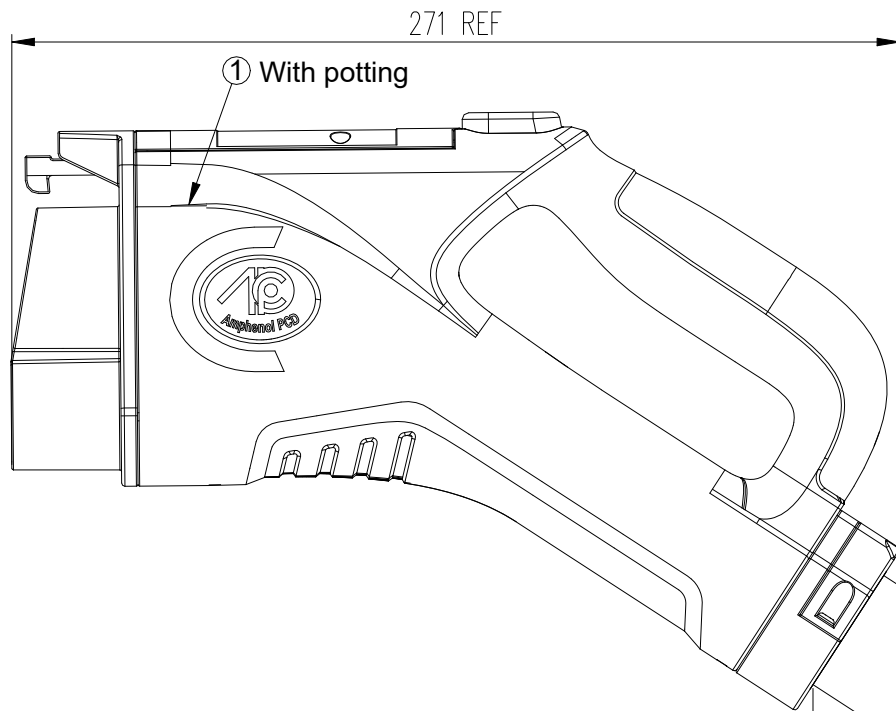
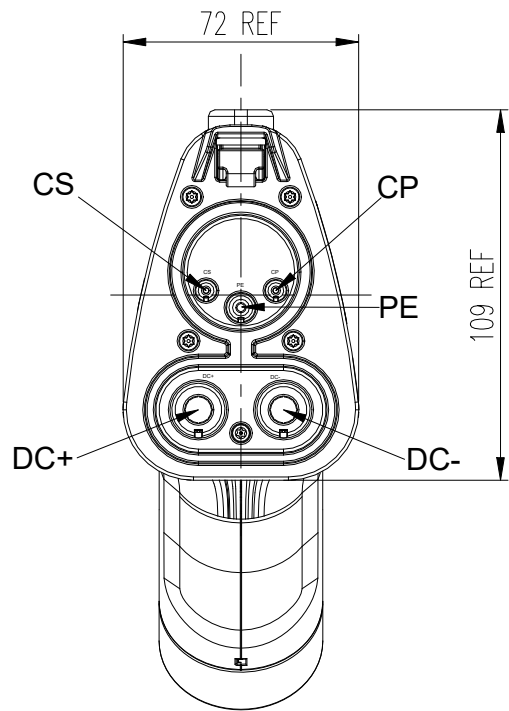


REV	ECN	DESCRIPTION	DATE	MODIFIED
1		RELEASE	Jul-29-2025	

Amphenol PCD SZ
ORIGINAL
PDF Format
R&D

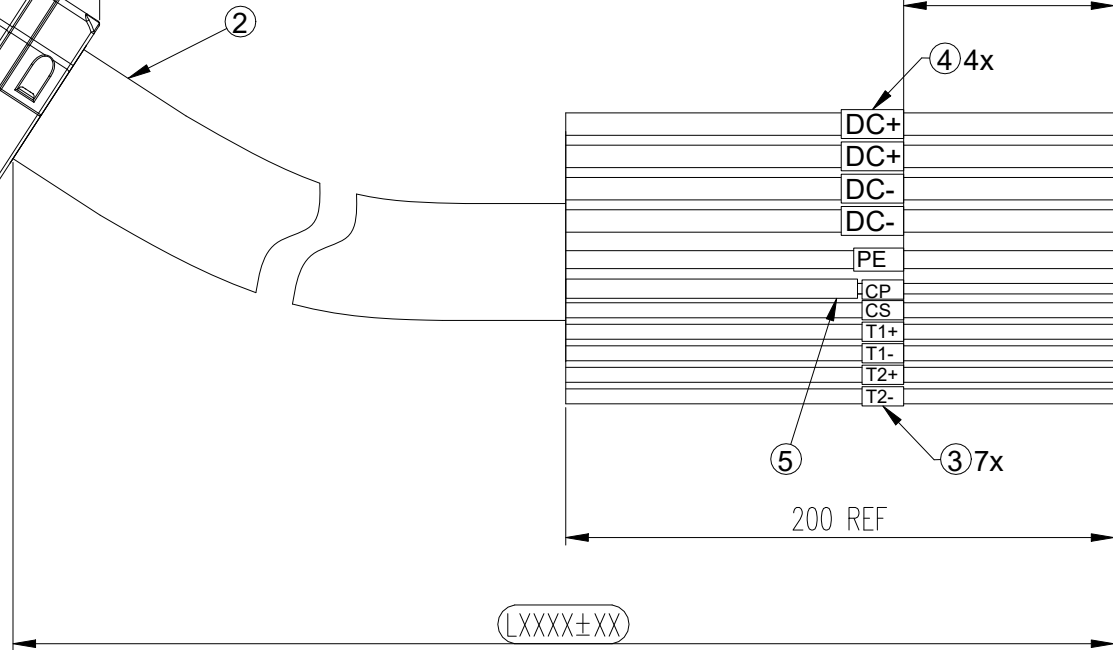


QR code Content including:
Part number
#Work order number
#Serial number ex:0001
(ex:HVCO1N412LXXXX#XXXXXX#XXXX)

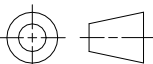
TYPE: HVCO1N412LXXXX
T/N: XXXXXXXX YYWW
RATED . 400 A, 1000 V DC
TYPE NO . 3S A&T: -40°C to +40°C
T/N:XXXXXXXX YYWW
YYWW: Year/Week
XXXXXXX: Work order number+batch number
LXXXX: XXXX=Cable length



Note: Can not print UL logo until Amphenol gets Certificate



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

DIMENSIONS	TOLERANCES	PROJECTION	TITLE				
ANSI Y14.5M	.X ± 0.50		Amphenol PCD Shenzhen				
UNITS: MM	.XX ± 0.05		ENGR				
CAD FILE	ANGLES ± 2°						
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	SIZE		DWG NO.	REV
			APPD	A3		C-HVCO1N412LXXXX	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

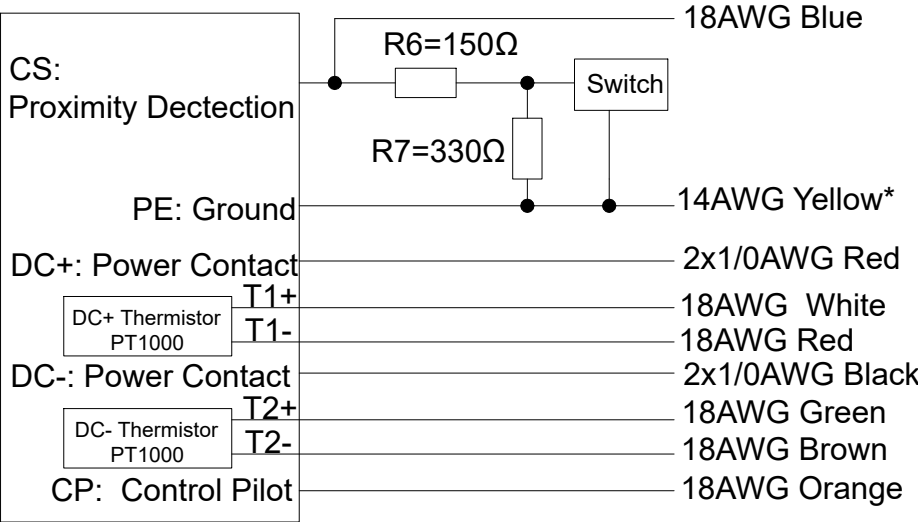
2025年7月31日

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:



NOTES:

1. Cable assembly data:

1>. Ambient Temperature: -40°C to +40°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, 400A

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

© 3. Durability: 20000 cycles
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 2670g/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	C210006511	SINGLE-WALL H.S.T: Ø12.7 WHITE	0.08	m
③	P05B000029	SINGLE-WALL H.S.T: Ø3.0 WHITE	0.14	m
②	CABLE	4X1/0AWG+14AWG+6X18AWG BK OD36.5mm	AR	m
①	HVCO1N412	CCS1 400A PLUG,1000V,BLACK, REPLACEABLE	1	EA
ITEM	P/N	DESCRIPTION	QTY	UNIT
A3		SIZE	DWG NO.	REV
		C-HVCO1N412LXXXX		
		SCALE	1:1	SHEET 2 OF 2