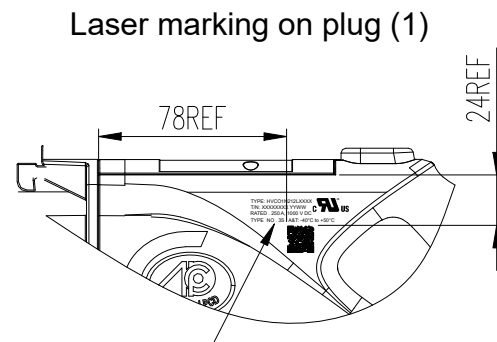
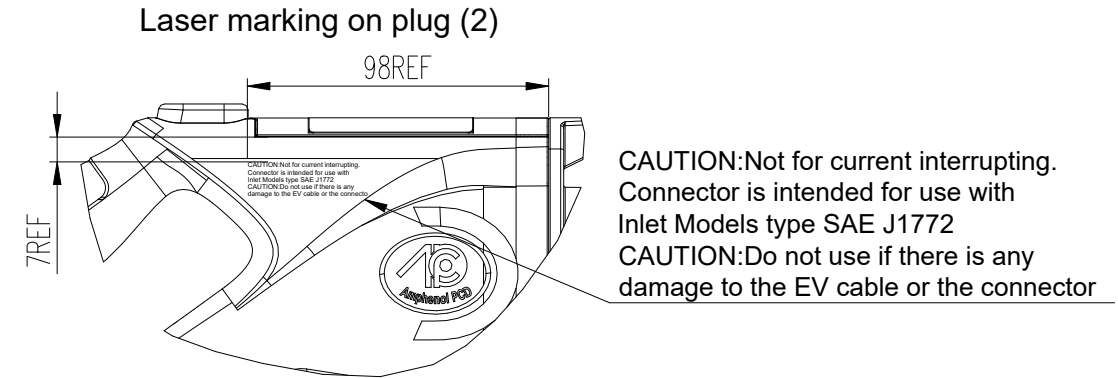
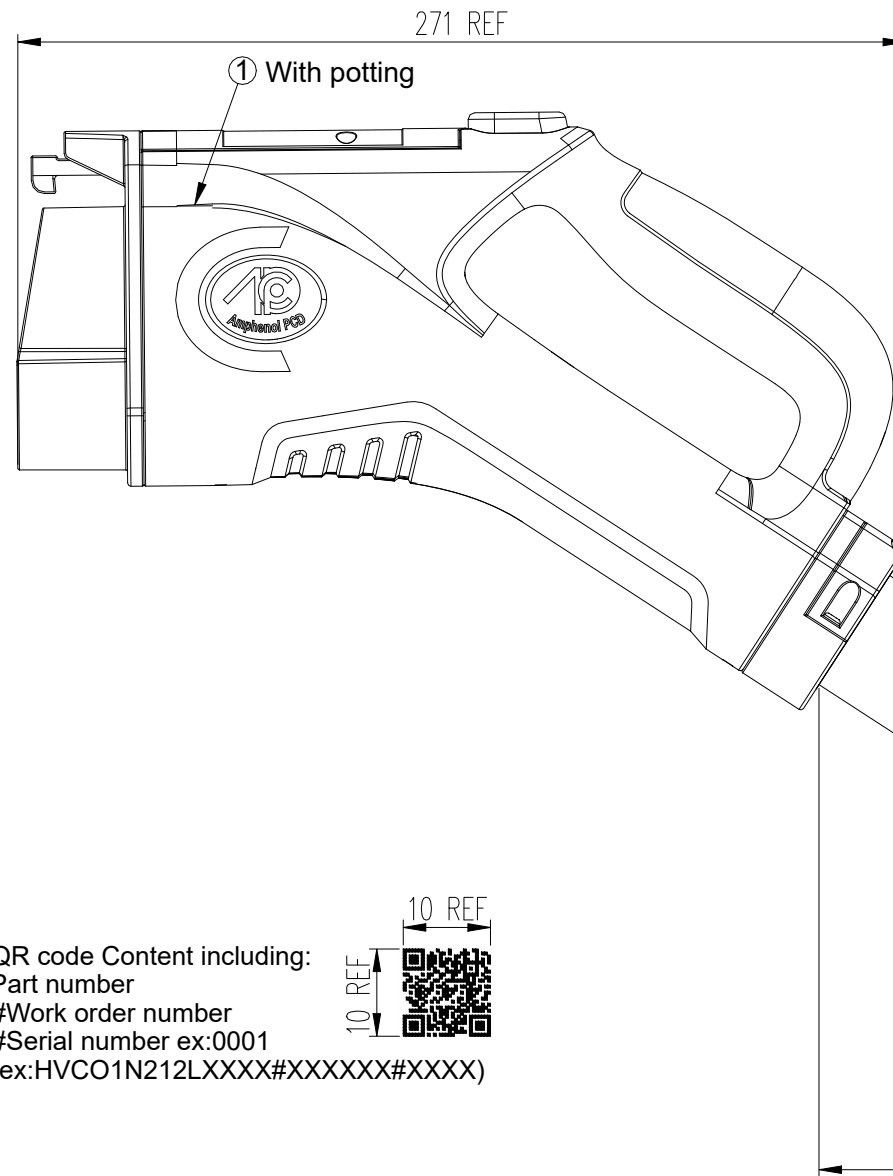
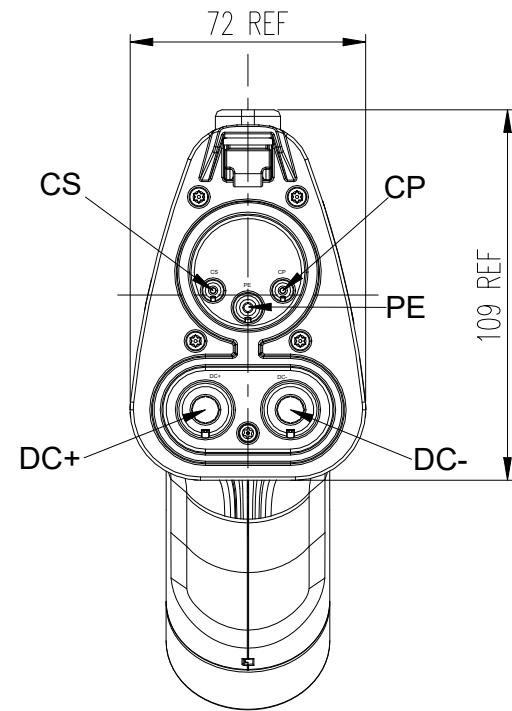


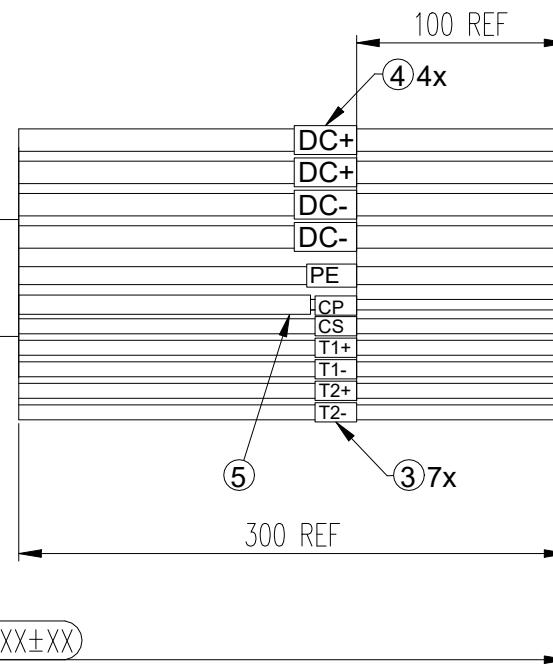
REV	ECN	DESCRIPTION	DATE	MODIFIED
1		RELEASE	Aug-26-2025	

Amphenol PCD SZ
ORIGINAL
PDF Format
R&D



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
XXXXXXXX: Work order number+batch number
LXXXX: XXXX=Cable length

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



DIMENSIONS		TOLERANCES		PROJECTION		Amphenol PCD Shenzhen			TITLE GEN3 CCS1 CONNECTOR 250A 1000V F/R 4X3AWG CABLE ASSEMBLY					
ANSI Y14.5M UNITS: MM CAD FILE		.X ± 0.50 .XX ± 0.05 ANGLES ± 2°				ENGR								
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-HVCO1N212LXXXX		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

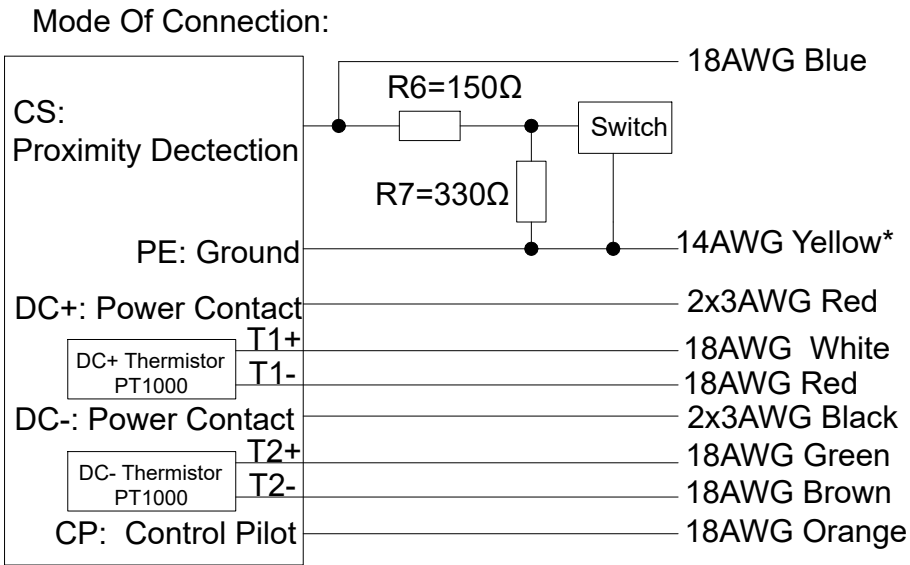
2025年9月8日

C-HVCO1N212LXXXX

C-HVCO1N212LXXXX

C-HVCO1N212LXXXX

- 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.



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