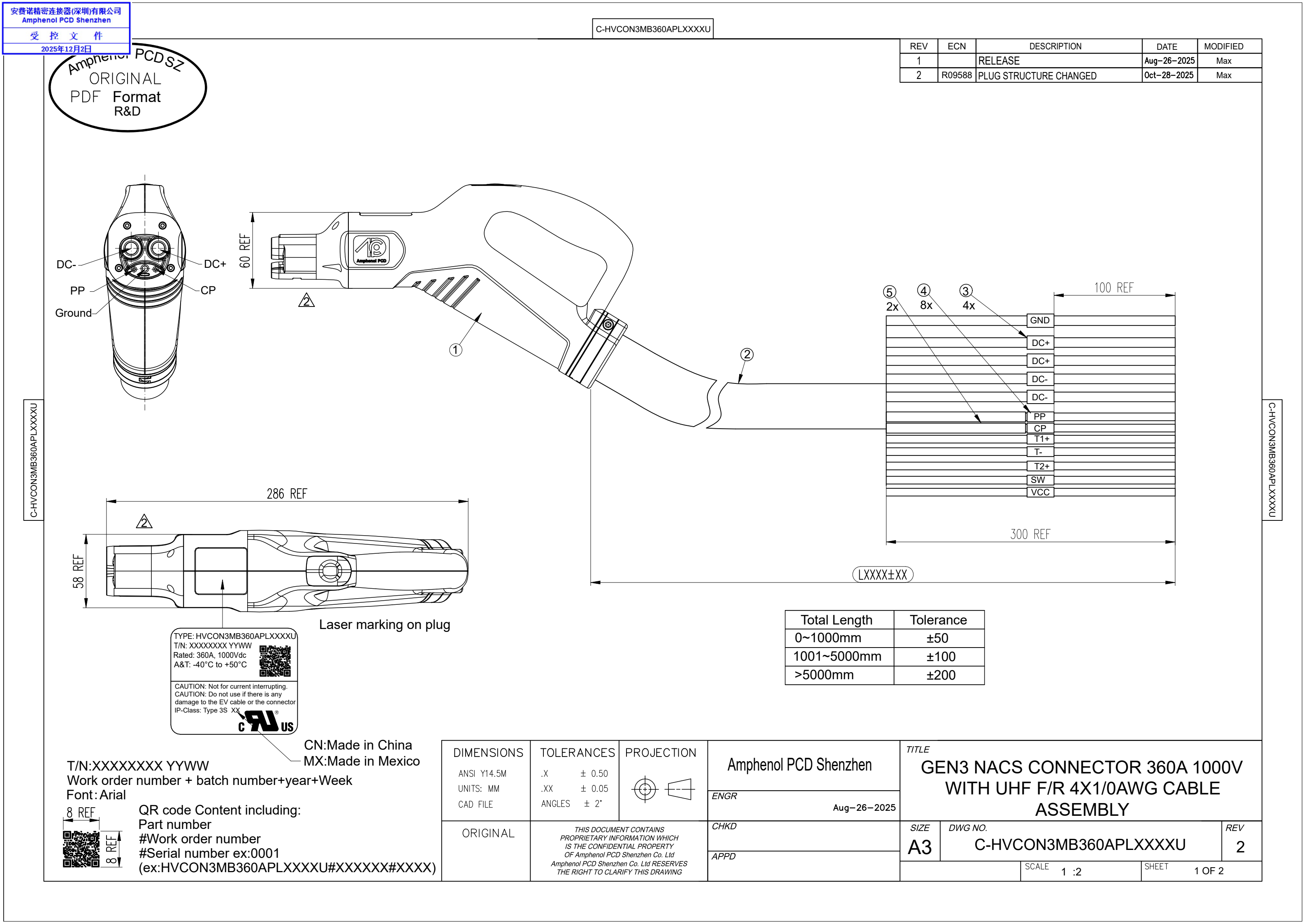
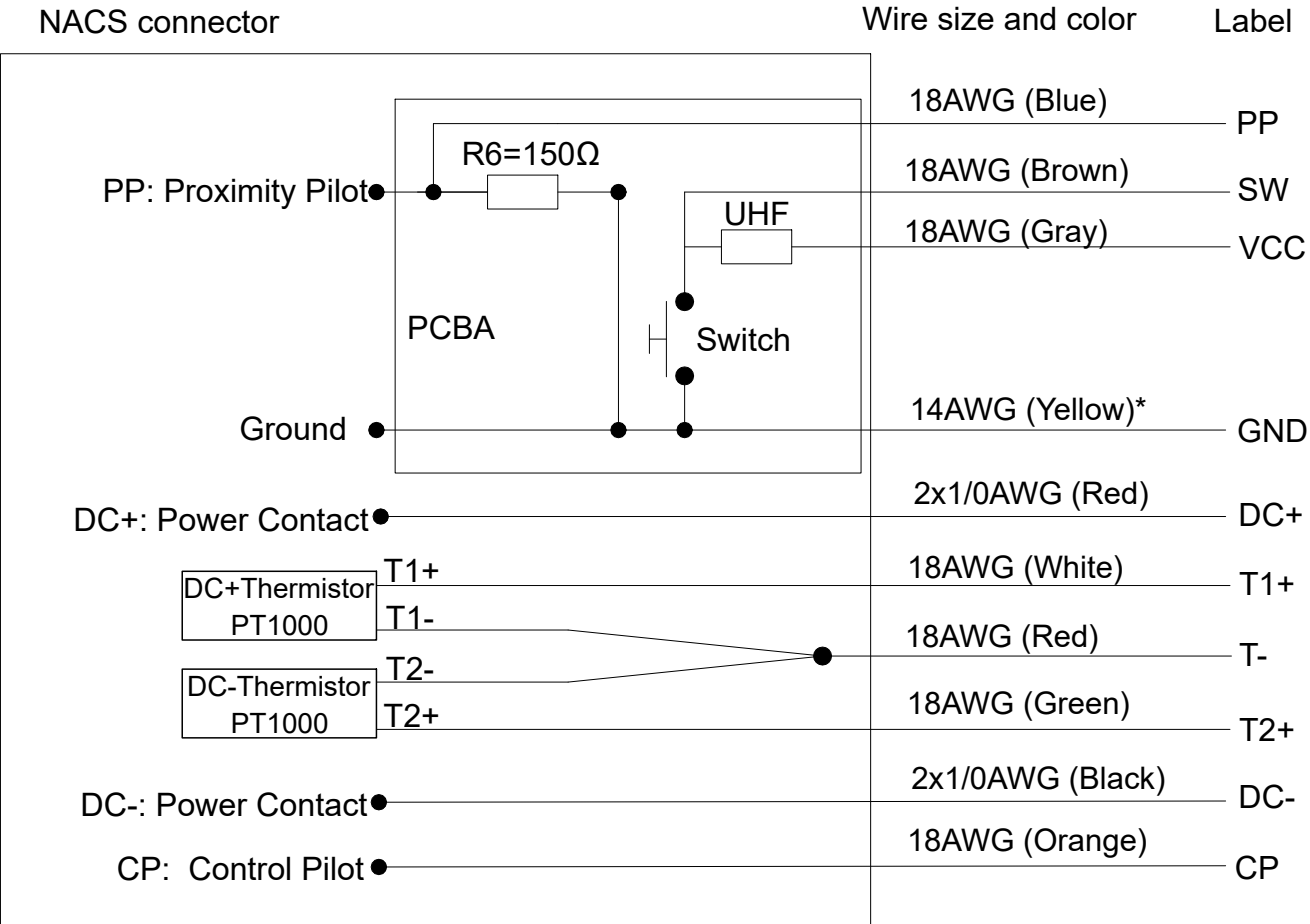




DC Mode of Connection
WITH UHF



*Notes:

1. Cable assembly data:
✦ Rated Voltage: 1000V DC (DC+, DC-), 30V DC(CP, PP);
✦ Rated Current: 360A Max (DC+, DC-) @ the max permissible temperature is 90°C
2A Max (CP, PP);
✦ Insulation Resistance: 100MΩ Min, 1000V DC(DC+, DC-, GND)
100MΩ Min, 500V DC(CP, PP, Thermistor wire)
✦ Withstand Voltage: 4200V / DC (DC+, DC-, GND);
700V / DC (CP, PP, Thermistor wire);
The insulation resistance and withstand voltage test cannot be performed between the wires on the PCB board; For Withstand Voltage test need to use with Direct current;
✦ IP-Class: IP67 (enclosure); Type 3S (Plugged in)
✦ RoHS Compliance
2. Ambient Temperature: -40°C to +50°C (+55°C max,Current reduction required, when the working temperature is beyond 90°C)
3. VCC: 5-15V; <100mA; UHF Transmitting Frequency: 315MHz
4. NACS Plug reference: C-HVCONXMXXXXAXL0000X
5. Cable Minimum Bending Radius: 5xOD (Static applications); 10xOD (Dynamic applications)
- ©6. Durability: ≥ 20,000 cycles (Replaceable)
7. Weight of Cable: app 2670g/m
8. Standard: UL2251, SAE J3400 complaint

*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		0.40	m
④	P05B000029	SINGLE-WALL H.S.T: Ø3.0 WHITE		0.16	m
③	C210006511	SINGLE-WALL H.S.T: Ø12.7 WHITE		0.08	m
②	CABLE	4X1/0AWG+14AWG+7X18AWG BLACK OD36.5		AR	m
①	HVCON3MB360APL0000U	NACS 360A PLUG BLACK WITH UHF- REPLACEABLE		1	EA
ITEM	P/N	DESCRIPTION			QTY UNIT
		SIZE	DWG NO.		REV
		A3	C-HVCON3MB360APLXXXXU		2
			SCALE	NA	SHEET 2 OF 2