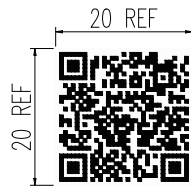
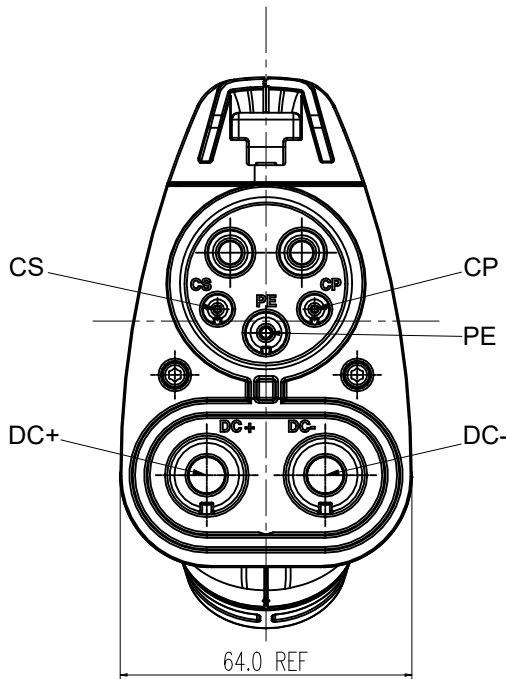


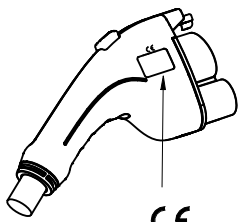
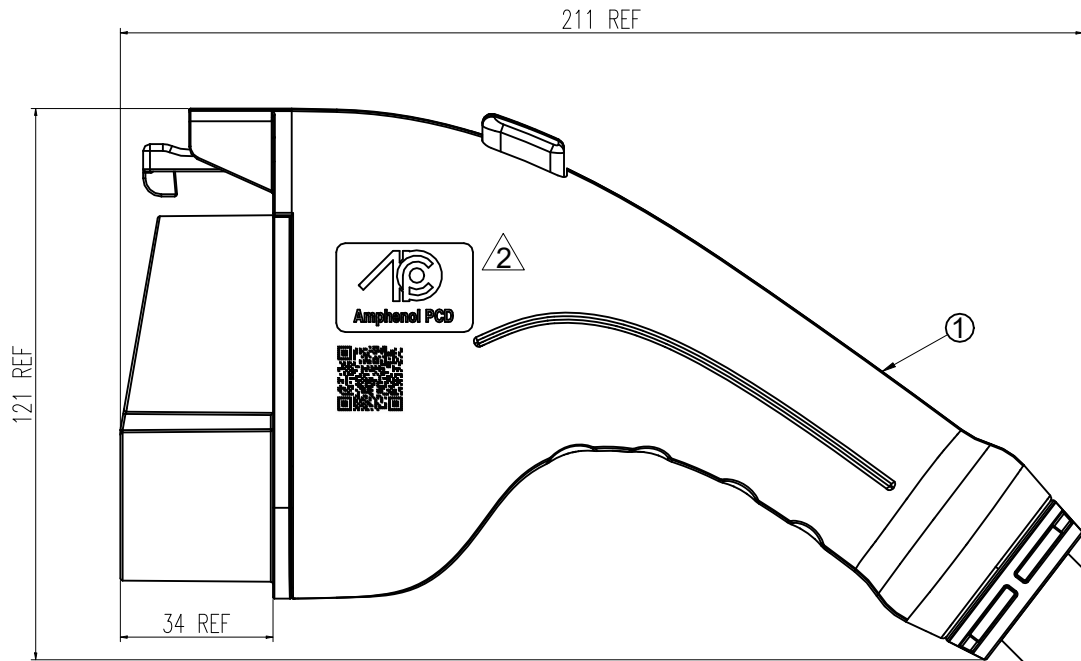
C-HVCOSAEMD80ANLXXXX

REV	ECN	DESCRIPTION	DATE	MODIFIED
1		RELEASE	Feb-27-24	
2	R8136N	UPDATED AMPHENOL LOGO	Sep-05-24	

Amphenol PCD SZ
ORIGINAL
PDF Format
R&D



QR code, Content including:
Part number#Work order number
#Serial number ex:0001
(ex:HVCOSAEMD80ANL1000#XXXXXX#XXXX)



TYPE: HVCOSAEMD80ANLXXXX
T/N:XXXXXXXX YYWW
Rated Voltage/Current :1000V DC./80A
Type 3S
A&T:-30°C~+50°C
CAUTION:Do not use if there is any
damage to the EV cable or the connector
(P-Class:IP55 (Mated) XX
XXXX: Cable length
YYWW(YEAR/WEEK)
CN: Made in China
MX: Made in Mexico
US: Made in US

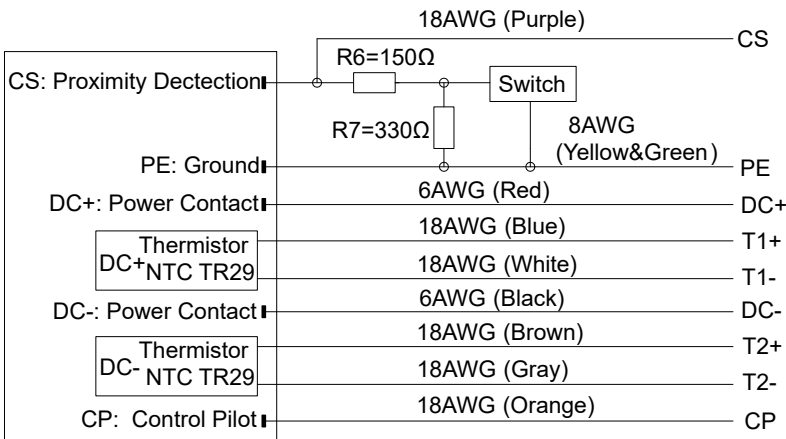
SCALE 1:4

XXXX+XX
XXXX-XX

200 REF	30 REF	③④⑤
CS		CS
CP		CP
T1+		T1+
T1-		T1-
T2+		T2+
T2-		T2-
PE		PE
DC-		DC-
DC+		DC+

LENGTH	TOLERANCE
0 to 1000mm	+25 -10
1001 to 5000mm	+40 -10
>5000mm	+50 -20

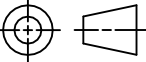
Mode Of Connection:



*Notes:

- Cable assembly data:
 - Rated Voltage: 1000V DC (DC+ & DC-); 30V DC (CP & CS);
 - Rated Current: 2A Max (CP & CS); 80A Max (DC+ & DC-)
 - Insulation Resistance: DC500V, 5MΩ MIN (CP / CS / SENSOR WIRE);
DC1000V, 5MΩ MIN (DC+ / DC-)
 - Withstand Voltage: 3000V / AC r.m.s (DC+, DC-, PE, SENSOR WIRE);
500V / AC r.m.s (CP & CS);
 - Outdoor Use : UL Type 3S (Water resistant)
 - Durability: 10000 cycles
Ambient temperature: -30 to +50°C
The Type Of Temperature Sensor: NTC TR29
- Cable minimum bending radius: ≥10XOD
- RoHS Compliance
- SAE Plug reference: C-HVCOSAEMDXXAXL0000
- Reference For, SAE J1772, UL2251

⑤	P05B000031	SINGLE-WALL H.S.T:Ø 8.0mm WHITE	0.03	m
④	C210006509	SINGLE-WALL H.S.T:Ø 3.2mm WHITE	0.12	m
③	C210006511	SINGLE-WALL H.S.T:Ø12mm WHITE	0.06	m
②	P01BC00220	2X6AWG+8AWG+6X18AWG BLACK OD=23.8mm	AR	m
①	HVCOSAEMD80ANL0000	CCS1 PLUG:HVCOSAEMD80APL0000 80A	1	EA
ITEM	P/N	DESCRIPTION	QTY	UNIT

DIMENSIONS	TOLERANCES	PROJECTION	TITLE			
ANSI Y14.5M	.X ± 0.5		Amphenol PCD Shenzhen			
UNITS: MM	.XX ± 0.05		ENGR			
CAD FILE	ANGLES ± 2.0°		Feb-27-24			
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-HVCOSAEMD80ANLXXXX	2
					SCALE NA	SHEET 1 OF 1