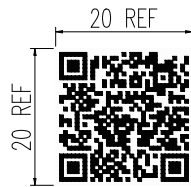
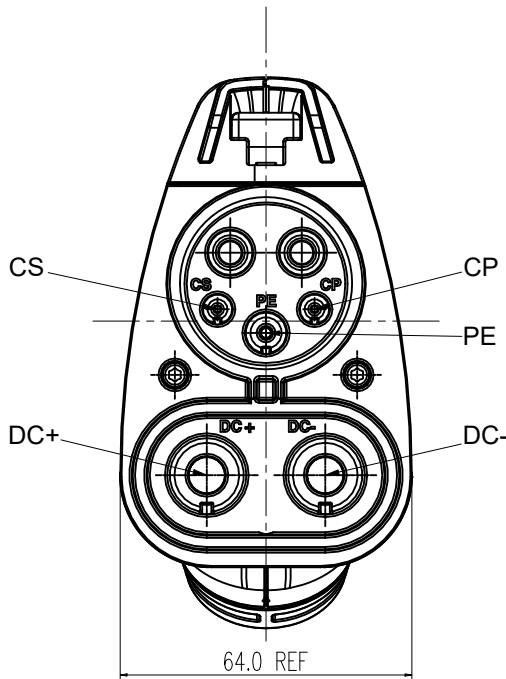


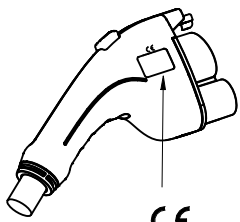
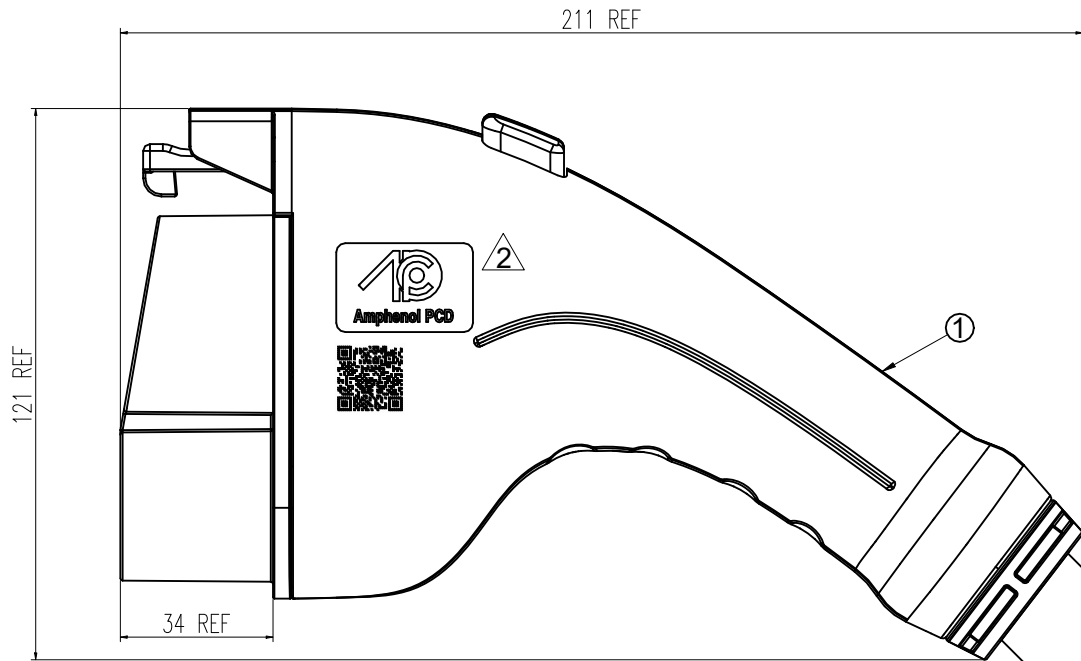
C-HVCOSAEMD80ANLXXXX

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

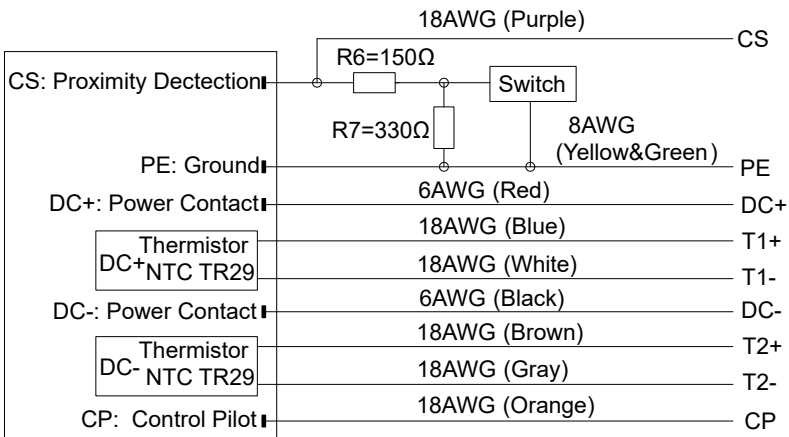


QR code, Content including:
Part number#Work order number
#Serial number ex:0001
(ex:HVCOSAEMD80ANL1000#XXXXXX#XXXX)



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

Mode Of Connection:



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

	CS	CP	T1+	T1-	T2+	T2-	PE	DC-	DC+
⑤									
④									
③									
②									
①									

*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

DIMENSIONS	TOLERANCES	PROJECTION
ANSI Y14.5M	.X ± 0.5	
UNITS: MM	.XX ± 0.05	
CAD FILE	ANGLES ± 2.0°	

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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

Amphenol PCD Shenzhen		TITLE CCS1 PLUG 80A CABLE ASSEMBLY		
ENGR	Feb-27-24	SIZE A3	DWG NO. C-HVCOSAEMD80ANLXXXX	REV 2
CHKD		SCALE NA		
APPD		SHEET 1 OF 1		