

Amphenol PCD Shenzhen

ORIGINAL
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R&D

REV	ECN	DESCRIPTION	DATE	MODIFIED
1		RELEASE	Aug-24-2023	
2	R7378N	UPDATED MARKING	Oct-22-2023	
3	R7717W	UPDATE SHELL PRINTING&NOTE	Apr-10-2024	

T / N: XXXXXXXX indicates
the work order number
YYWW indicates year/week

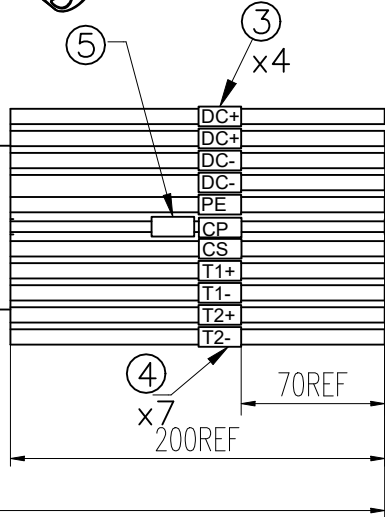
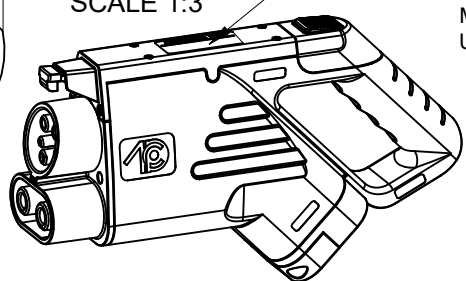
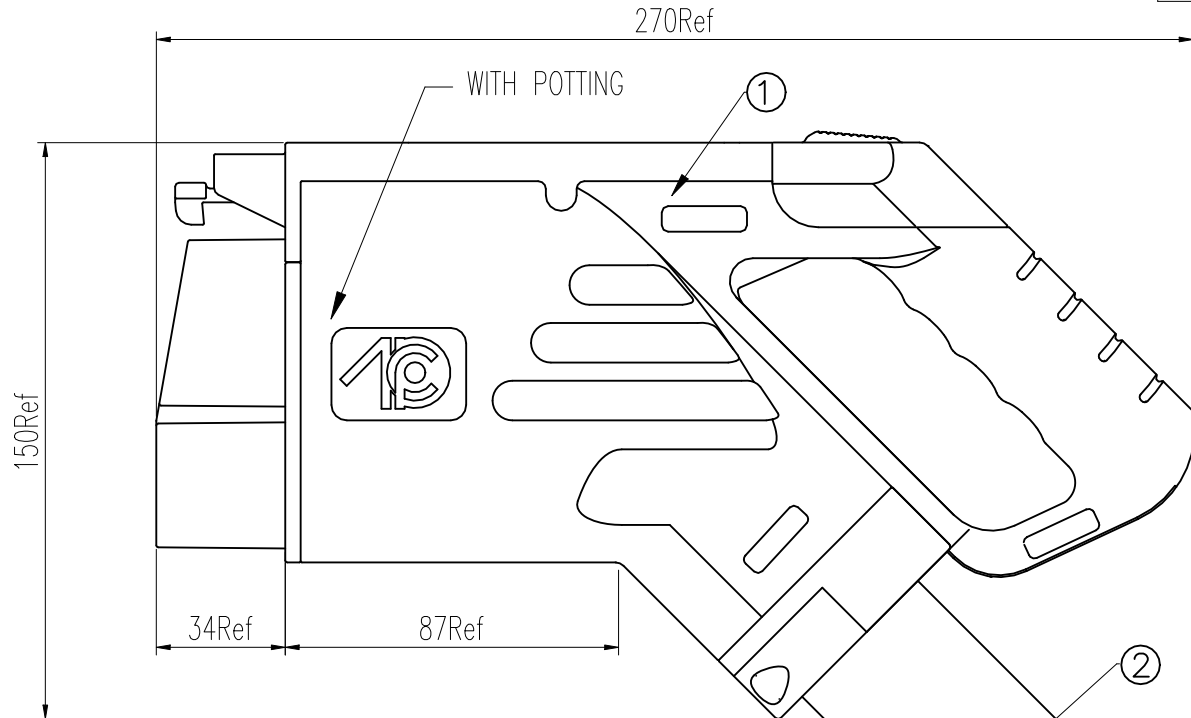
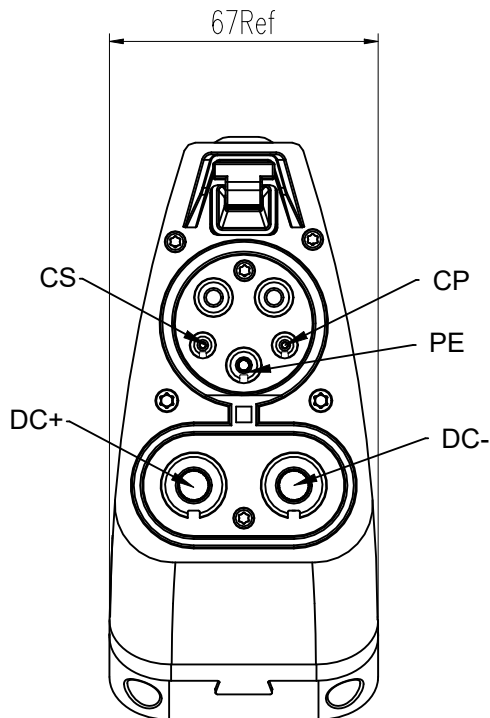
Amphenol PCD

TYPE: HVCOSAEM350AML TYPE 3S T/N:XXXXXXXX YYWW
Rated . 350 A, 1000 Vdc . A&T:-40°C~+50°C
CAUTION:Not for current interrupting.
Connector is intended for use with Inlet Models type SAE J1772
CAUTION:Do not use if there is any damage to the EV cable
or the connector XX

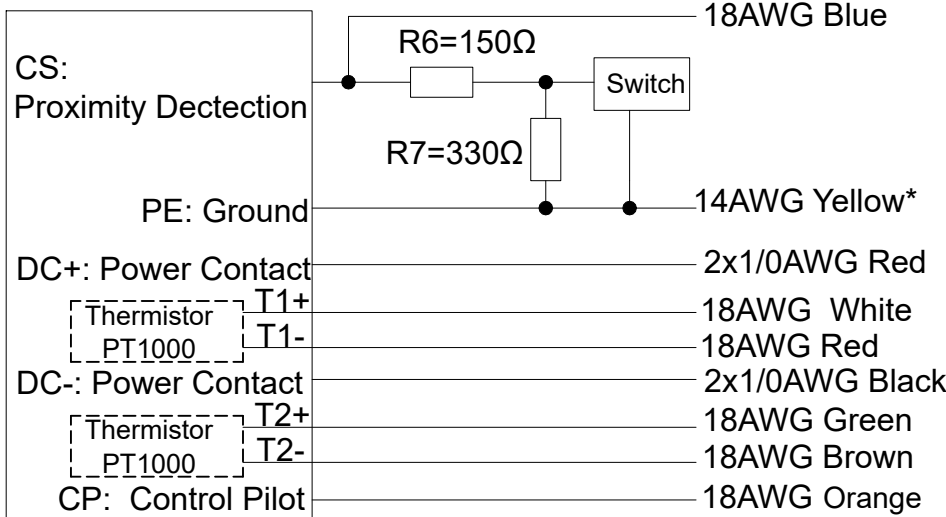
US

CN:Made in China
MX:Made in Mexico
US:Made in US

SCALE 1:3



Mode Of Connection:



QR code Content including:
Part number#Work order number
#Serial number ex:0001
(ex:HVCOSAEM350AML5000#XXXXXX#0001)

NOTES:

- Cable assembly data:
 - Ambient Temperature: -40°C~+50°C,
 - Rated Voltage & Rated Current:
CP, CS: DC 30V ,2A;
DC+,DC-: DC 1000V, 350A,the max permissible temperature is 90°C;
- Outdoor Use : UL Type 3S (Water resistant)
- The Type Of Temperature Sensor: PT1000
- Dielectric Withstand Voltage :
DC+,DC-,PE: 3000V AC r.m.s, CP&CS&thermistor wires:500V AC r.m.s
- Insulation Resistance Test: DC+/DC-&PE :DC1000V, 5MΩ MIN
CP&CS&thermistor wires:DC500V, 5MΩ MIN
- Reference For SAE J1772 ,UL2251
- RoHS Compliance
- Cable minimum bending radius:≥10XOD
- Weight of Cable: app 2870g/m
Weight of plug: app 1380g/m

*- Ground wire is suitable for isolated DC EV supply equipment as reference earth or function earth.

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

DIMENSIONS	TOLERANCES	PROJECTION
ANSI Y14.5M	.X ± 0.5	
UNITS: MM	.XX ± 0.05	
CAD FILE	ANGLES ± 2°	
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⑤	C210006342	DOUBLE-WALL H.S.T: Ø4 BLACK	0.05	m
④	P05B000029/C210006837	SINGLE-WALL H.S.T: Ø3.2 WHITE	0.12	m
③	C210021010	SINGLE-WALL H.S.T: Ø14 WHITE	0.08	m
②	P01BC00285	4X1/0AWG+14AWG+6X18AWG BK OD36.5mm	AR	m
①	HVCOSAEM350AML0000	CCS1 PLUG 350A 1000V	1	EA
ITEM	P/N	DESCRIPTION	QTY	UNIT

Amphenol PCD Shenzhen		TITLE CCS1 PLUG 350A CABLE ASSEMBLY		
ENGR				
Aug-24-2023				
CHKD				
APPD				
SIZE A3		DWG NO. C-HVCOSAEM350AMLXXXX		REV 3
		SCALE 1:1	SHEET 1 OF 1	