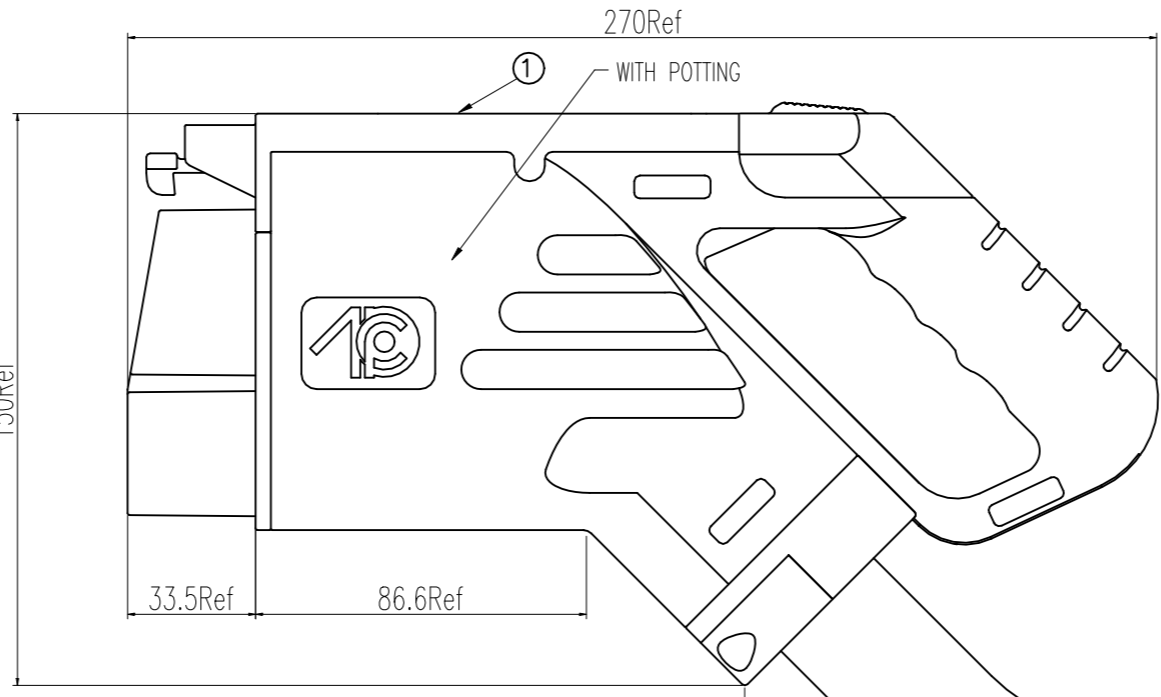
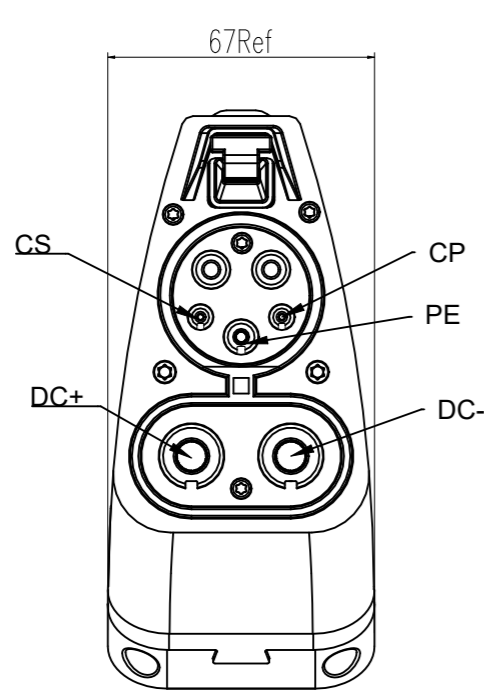


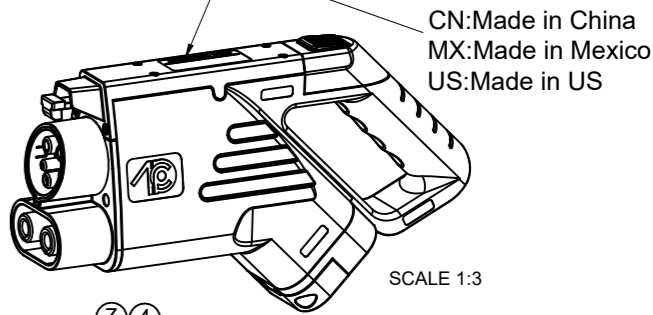
Amphenol PCD SZ
ORIGINAL
PDF Format
R&D

REV	ECN	DESCRIPTION	DATE	MODIFIED
1		RELEASE	Apr-19-23	
2	R7350N	UPDATED NOTES & MARKING	Aug-10-23	
3	R7717W-	UPDATED MARKING/NOTE	Dec-29-23	
4	C7806N	ADDED BOOST CURRENT	Apr-28-24	



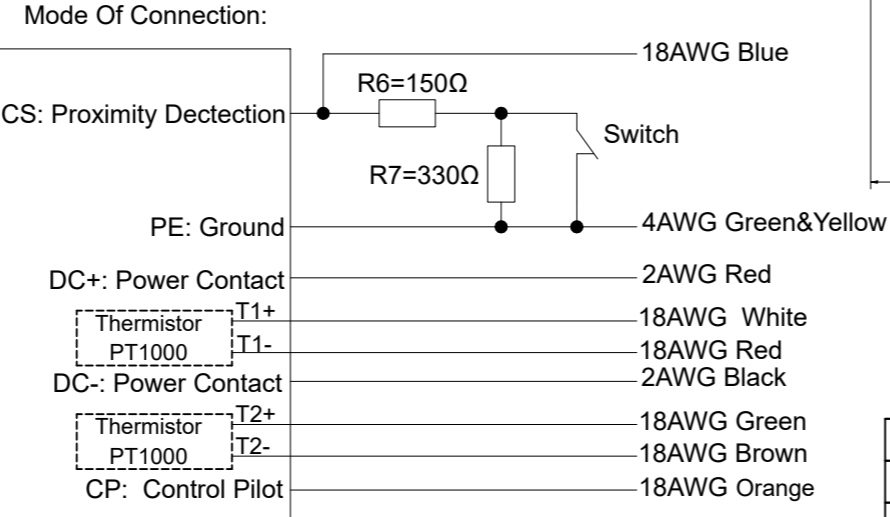
T / N: XXXXXXXX indicates the work order number
YYWW indicates year/week

Amphenol PCD
TYPE: HVCOSAEM150AML TYPE 3S T/N:XXXXXXXX YYWW
Rated . 150 A, 1000 Vdc . A&T:-40°C~+55°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



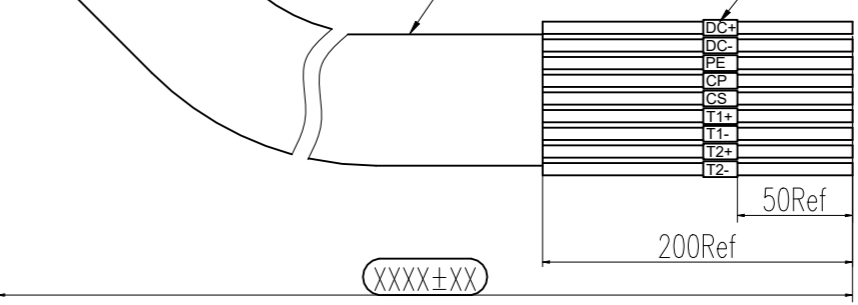
C-HVCOSAEM150AMLXXXX

C-HVCOSAEM150AMLXXXX



- NOTES:
- Cable assembly data:
 - 1>.Ambient Temperature: -40°C~+55°C, ③
 - 2>.Rated Voltage & Rate Current:
 - CP, CS: DC 30V ,2A;
 - DC+,DC-: DC 1000V, 150A(UL Certificate) ④
 - 200A&250A(120 minutes); 300A(35 minutes max)
 - Outdoor Use : UL Type 3S (Water resistant) ③
 - Durability: 10000 cycles
 - The Type Of Temperature Sensor: PT1000
 - Dielectric Withstand Voltage :
 - DC+,DC-,PE: 3000V AC r.m.s ,500V/AC r.m.s(thermistor wires,CS,CP)
 - Insulation Resistance Test: DC500V(CS&CP), 5MΩ MIN;
DC1000V(DC+&DC-), 5MΩ MIN
 - Reference For SAE J1772 ,UL2251
 - RoHS Compliance
 - Altitude 4000m ②
 - Cable minimum bending radius:≥6XOD
 - HVCOSAEM150AMLXXXX

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



④	P05B000029	SINGLE-WALL H.S.T: Ø3.2 WHITE	0.12	m
③	C210006511	SINGLE-WALL H.S.T: Ø12 WHITE	0.06	m
②	CABLE	2X2AWG+1X4AWG+6X18AWG BLACK OD=32mm max	AR	m
①	HVCOSAEM150AML0000	CCS1 PLUG 150A 1000V	1	EA
ITEM	P/N	DESCRIPTION	QTY	UNIT

DIMENSIONS	TOLERANCES	PROJECTION
ANSI Y14.5M	.X ± 0.5	
UNITS: MM	.XX ± 0.05	
CAD FILE	ANGLES ± 2'	
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	

Amphenol PCD Shenzhen		TITLE		
ENGR		CCS1 150A PLUG(BLACK) CABLE ASSEMBLY		
APR-19-2023		SIZE	DWG NO.	REV
CHKD		A3	C-HVCOSAEM150AMLXXXX	4
APPD		SCALE	SHEET	
		1:1	1 OF 1	