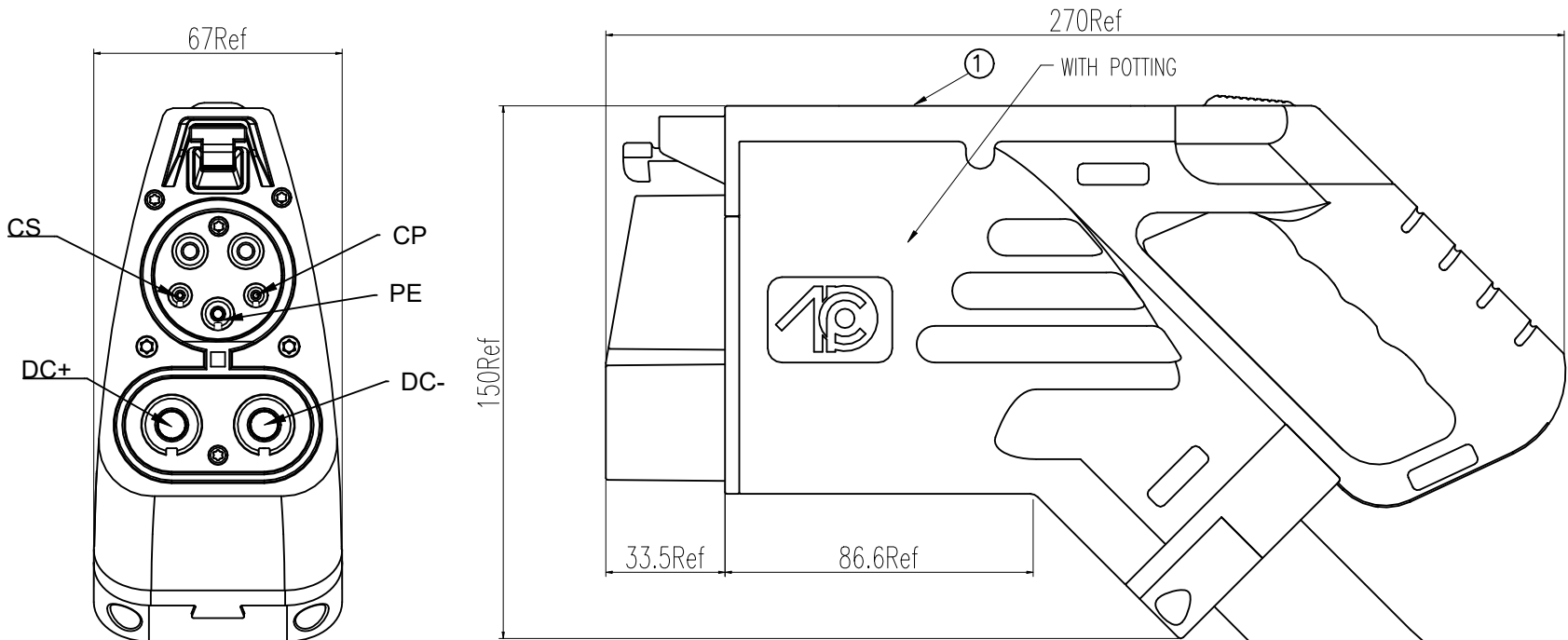


REV	ECN	DESCRIPTION	DATE	MODIFIED
1		RELEASE	Apr-19-23	
2	R7350N	UPDATED NOTES & MARKING	Aug-10-23	
3	R7717W-1	UPDATED MARKING/NOTE	Dec-29-23	
4	C7806N	ADDED BOOST CURRENT	Apr-28-24	

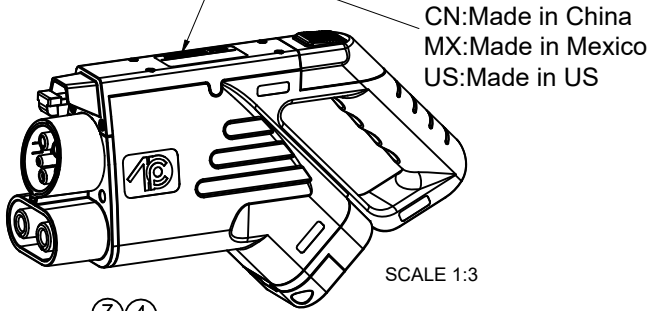
Amphenol PCD SZ
ORIGINAL
PDF Format
R&D



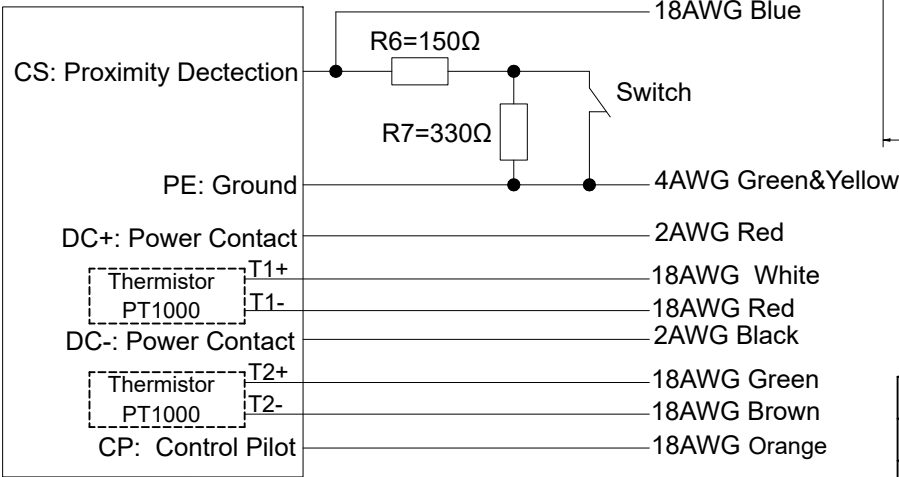
T / N: XXXXXXXX indicates the work order number
YYWW indicates year/week

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



Mode Of Connection:



- NOTES:
- Cable assembly data:
 - Ambient Temperature: -40°C~+55°C, 3
 - 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

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

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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

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

C-HVCOSAEM150AMLXXXX

C-HVCOSAEM150AMLXXXX