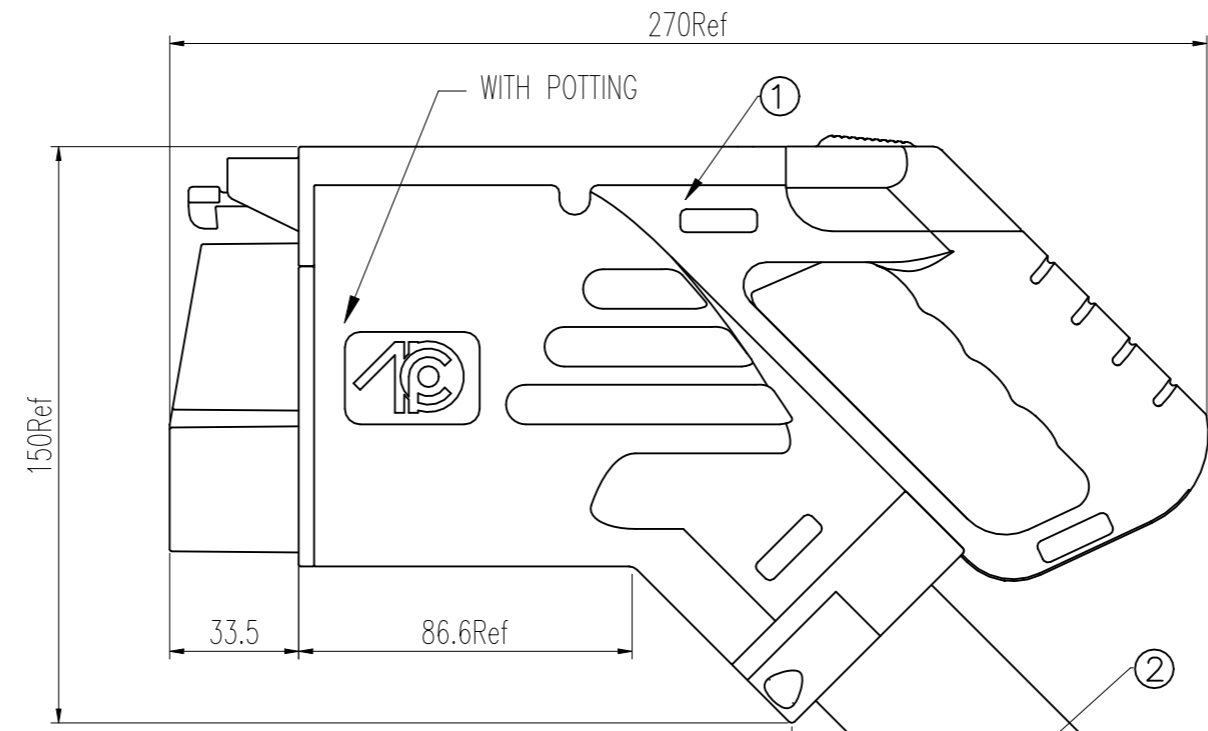
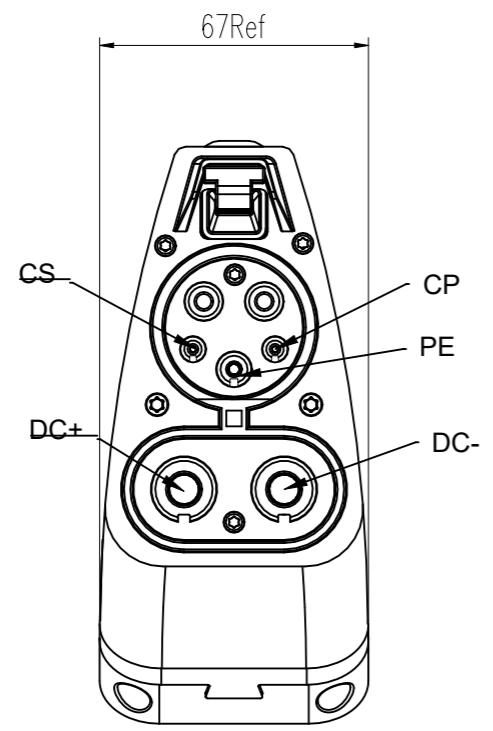


C-HVCOSAEM400AMLXXXX

3	R7717W-1	UPDATED NOTE & MARKING	Dec-29-2023	Max	REV	ECN	DESCRIPTION	DATE	MODIFIED
4	C7806N	UPDATED NOTE	Apr-25-2024	Elanor	1		RELEASE	Apr-19-2023	
					2	R7378N	UPDATED PE WIRE'S COLOR AND NOTE	Aug-22-2023	

Amphenol
ORIGINAL
PDF Format
R&D

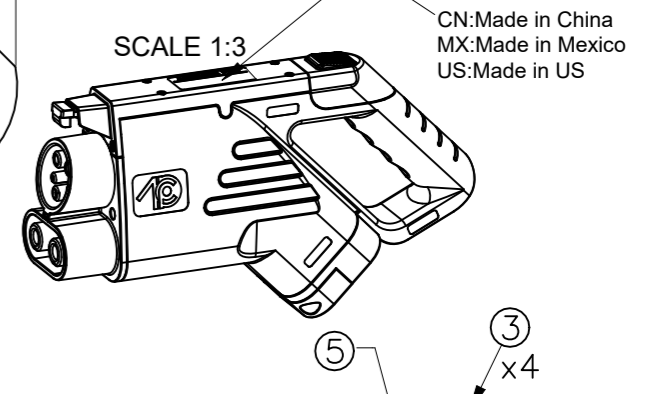


T / N: XXXXXXXX indicates the work order number
YYWW indicates year/week

Amphenol PCD

TYPE: HVCOSAEM400AML TYPE 3S T/N:XXXXXXXX YYWW
Rated . 400 A, 1000 Vdc . A&T:-40°C~+40°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

③

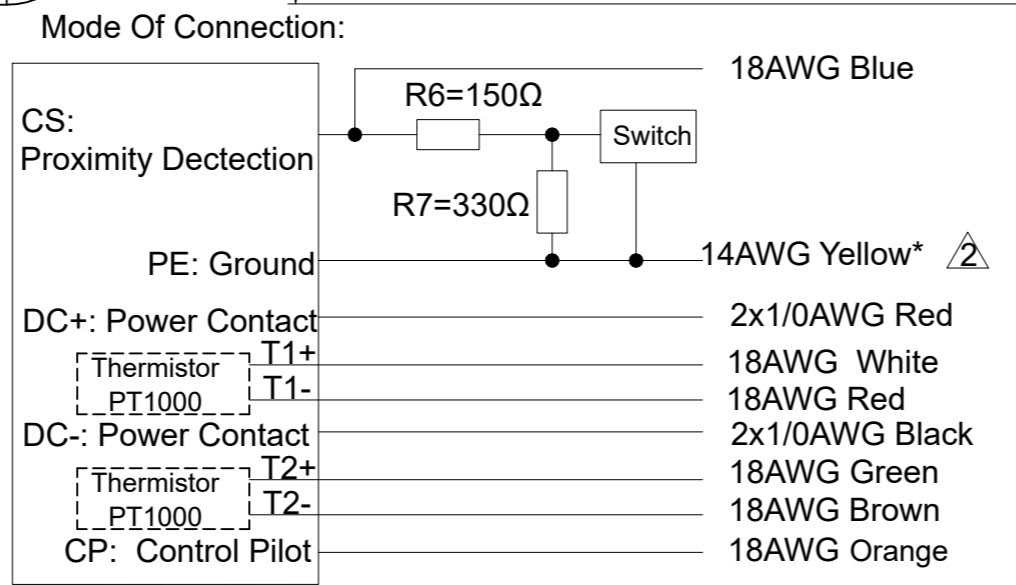


C-HVCOSAEM400AMLXXXX

C-HVCOSAEM400AMLXXXX

QR code Content including:
Part number#Work order number
#Serial number ex:0001
(ex:HVCOSAEM400AML5000#XXXXXX#0001)

- NOTES:
- Cable assembly data:
 - Ambient Temperature: -40°C~+40°C (+55°C max, Current reduction required, ④ when the maximum temperature is beyond 90°C)
 - Rated Voltage & Rate Current:
 - CP, CS: DC 30V ,2A;
 - DC+,DC-: DC 1000V, 400A,the max permissible temperature is 90°C;
 - 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; 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
 - Charge gun assembly reference:C-HVCOSAEM400AML0000
 - RoHS Compliance
 - Cable minimum bending radius:≥10XOD ②
 - 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

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	HVCOSAEM400AML0000	CCS1 PLUG 400A 1000V	1	EA

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	

ITEM	P/N	DESCRIPTION	QTY	UNIT
Amphenol PCD Shenzhen		TITLE	SAE COMBO PLUG 400A CABLE ASSEMBLY	
ENGR	Apr-19-2023	SIZE	DWG NO.	REV
CHKD		A3	C-HVCOSAEM400AMLXXXX	4
APPD		SCALE	SHEET	
		1:1	1 OF 1	