

2023年12月7日

REV	ECN	DESCRIPTION	DATE	MODIFIED
1		PER RELEASE	Dec-07-2023	

C-HVCO4MN001LXXXX

Front view

410Ref

① With potting

145.5Ref

Front view

②

○

⑥ $2x$

③ $10x$

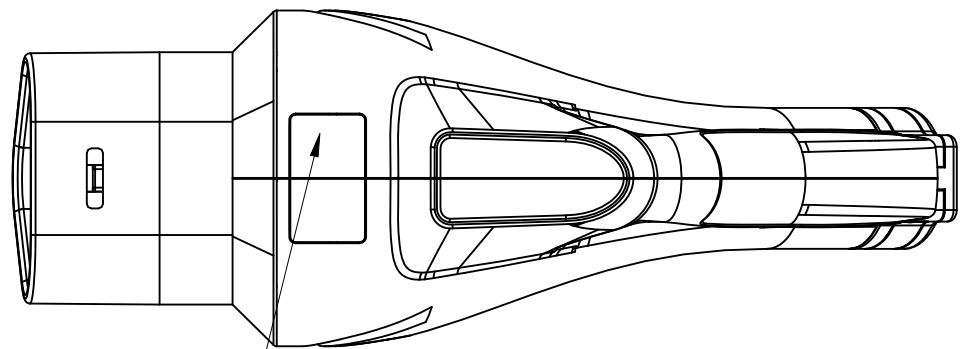
XXXX±XX

Total Length	Tolerance
0~1000mm	±50
1001~5000mm	±100
>5000mm	±200

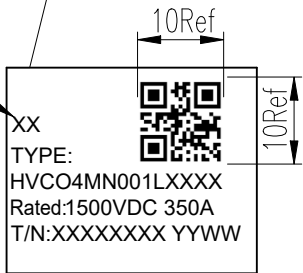
DIMENSIONS		TOLERANCES		PROJECTION		Amphenol PCD Shenzhen		TITLE					
ANSI Y14.5M		.X ± 0.50				ENGR Max.Ma		Dec-07-2023		MCS 350A VEHICLE CONNECTOR CABLE ASSEMBLY			
UNITS: MM		.XX ± 0.05											
CAD FILE		ANGLES ± 2°											
ORIGINAL		THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF Amphenol PCD Shenzhen Co. Ltd Amphenol PCD Shenzhen Co. Ltd RESERVES THE RIGHT TO CLARIFY THIS DRAWING				CHKD		SIZE		DWG NO.		REV	
						APPD		A3		C-HVCO4MN001LXXXX		1	
										SCALE		SHEET	
										NA		1 OF 2	

C-HVCO4MN001LXXXX

Marking



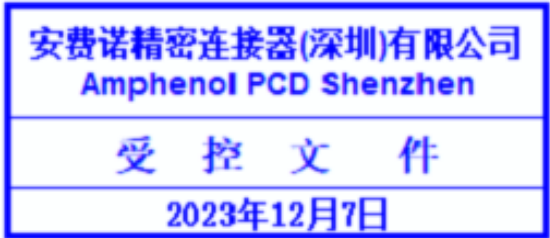
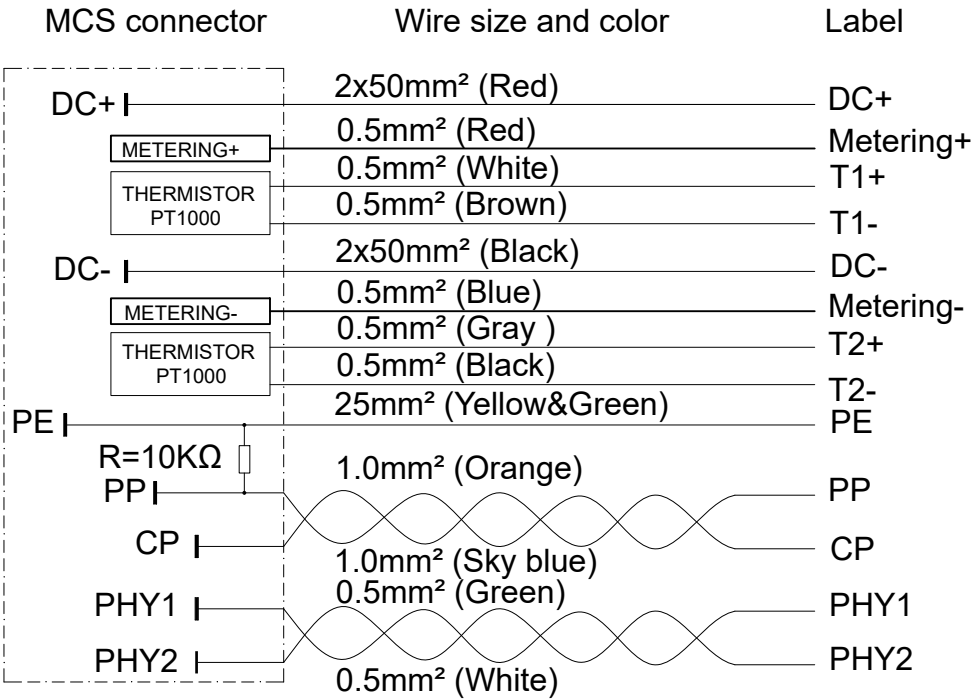
CN:Made in China
MX:Made in Mexico
US:Made in US



QR code,
Content including:Part number
#Work order number XXXXXX
Serial number XXXX ex:0001
(ex:HVCO4MN001L5000#123456#0001)

T/N:XXXXXXXX YYWW
Work order number + Batch number+Year+Week
Font: Arial 3mm Ref

Mode of Connection



*Notes:

- 1.Cable assembly data:
- ✦ Rated Voltage:1500V DC(DC+&DC-),30V DC(CP&PP&PHY1&PHY2);
 - ✦ Rated Current: 350A Max(DC+&DC-) @ the max permissible temperature is 100°C 2A Max(PHY1&PHY2), 10A Max(CP&PP);
 - ✦ Insulation Resistance:100MΩ Min(1500V DC FOR DC+&DC-,500V DC for others)
 - ✦ Withstand Voltage : 4000V/AC r.m.s(DC+&DC-); Others 500V/AC r.m.s
 - ✦ IP-Class: IP67(enclosure);IP44(Plugged in)
 - ✦ RoHS Compliance
- 2.Ambient Temperature: -40°C ~ +50°C(+55°C max, Current reduction required,when the working temperature is beyond 100°C)
Storge temperature:-40°C ~ +80°C
- 3.IEC Plug reference:C-HVCO4MN001
- 4.Cable Minimum Bending Radius:≥6XOD
- ◎5.Durability: ≥ 20000 cycles
- 6.Weight of cable: app 3kg/m Weight of charging connector: app 3.5 kg/EA

⑦	C2100054031	SINGLE-WALL H.S.T: Ø8.0 BLACK	0.2	m
⑥	C210006440	DOUBLE-WALL H.S.T: Ø8.0 BLACK	0.1	m
⑤	P05B000019	SINGLE-WALL H.S.T: Ø10 WHITE	0.02	m
④	C210006511	SINGLE-WALL H.S.T: Ø12.7 WHITE	0.1	m
③	P05B000029	SINGLE-WALL H.S.T: Ø3.2 WHITE	0.2	m
②	P01BC00513	4x50mm ² +1x25mm ² +8x0.5mm ² +2x1.0mm ² BK OD=37±1	AR	m
①	HVCO4MN001	MCS 350A VEHICLE CONNECTOR	1	EA
ITEM	P/N	DESCRIPTION	QTY	UNIT
		SIZE	DWG NO.	REV
		A3	C-HVCO4MN001LXXXX	1
		SCALE	NA	SHEET 2 OF 2