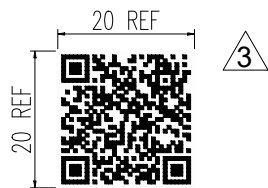
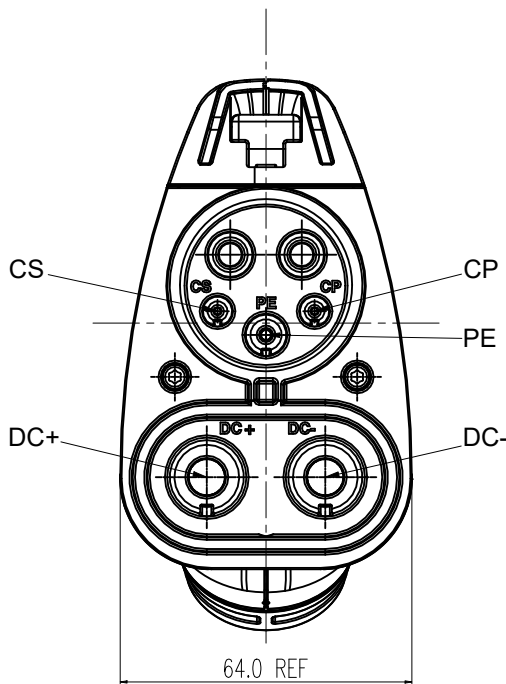


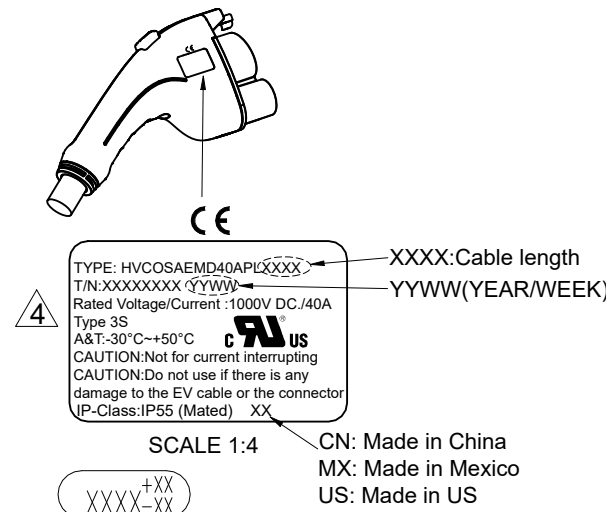
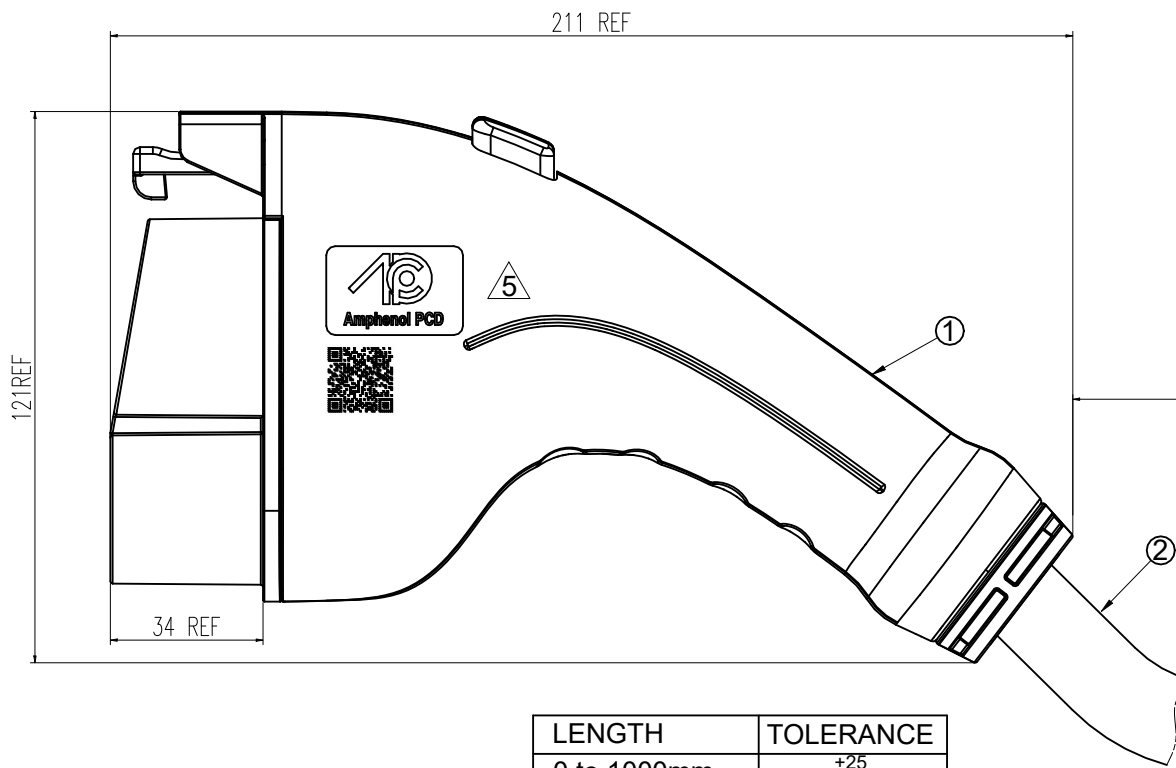
C-HVCOAEMD40APLXXXX

					REV	ECN	DESCRIPTION	DATE	MODIFIED
4	C6644N	UPDATED LASER MARKING	Aug-27-23	Max.Ma	1		STRUCTURAL CAHNGED FROM V0-1 VERSION	Aug-08-22	
5	R8136N	UPDATED AMPHENOL LOGO	Sep-05-24	Elanor	2	R6469W	CHANGED OUTDOOR USE TO BE TYPE 3S	Aug-15-22	
					3	R6644W	ADDED CE LOGO & QR CODE	July-16-23	

Amphenol PCD SZ
ORIGINAL
PDF Format
R&D

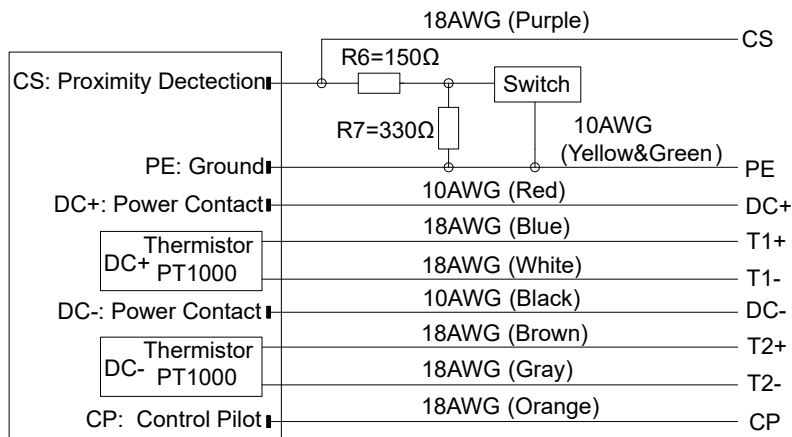


QR code, Content including:
Part number#Work order number
#Serial number ex:0001
(ex:HVCOSAEMD40APL1000#XXXXXX#XXXX)



LENGTH	TOLERANCE
0 to 1000mm	+25 -10
1001 to 5000mm	+40 -10
>5000mm	+50 -20

Mode Of Connection:



CS	CS	
CP	CP	
T1+	T1+	
T1-	T1-	
T2+	T2+	
T2-	T2-	
PE	PE	
DC-	DC-	
DC+	DC+	

*Notes:

- Cable assembly data:
 - Rated Voltage: 1000V DC (DC+ & DC-); 30V DC (CP & CS);
 - Rated Current: 2A Max (CP & CS); 40A Max (DC+ & DC-)
 - Insulation Resistance: DC500V, 5MΩ MIN (CP / CS / SENSOR WIRE); DC1000V, 5MΩ MIN (DC+ / DC-)
 - Withstand Voltage: 3000V / AC r.m.s (DC+, DC-, PE, SENSOR WIRE); 500V / AC r.m.s (CP & CS);
 - Outdoor Use : UL Type 3S (Water resistant)
 - Durability: 10000 cycles
 - Ambient temperature: -30 to +50°C
 - The Type Of Temperature Sensor: PT1000
- Cable minimum bending radius: ≥10XOD
- RoHS Compliance
- SAE Plug reference: C-HVCOAEMDXXAXL0000
- Reference For, SAE J1772, UL2251

DIMENSIONS	TOLERANCES	PROJECTION
ANSI Y14.5M	.X ± 0.5	
UNITS: MM	.XX ± 0.05	
CAD FILE	ANGLES ± 2.0°	
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	

④	C210006509	SINGLE-WALL H.S.T:Ø 3.2mm WHITE	0.12	m
③	P05B000031	SINGLE-WALL H.S.T:Ø 8.0mm WHITE	0.06	m
②	P01BC00211	2X10AWG+10AWG+6X18AWG BLACK OD=19.5mm	AR	m
①	HVCOSAEMD40APL0000	CCS1 PLUG:HVCOSAEMD40APL0000 40A	1	EA
ITEM	P/N	DESCRIPTION	QTY	UNIT
Amphenol PCD Shenzhen		TITLE		
ENGR		CCS1 PLUG 40A CABLE ASSEMBLY		
CHKD		SIZE	DWG NO.	REV
APPD		A3	C-HVCOAEMD40APLXXXX	5
		SCALE	NA	SHEET 1 OF 1