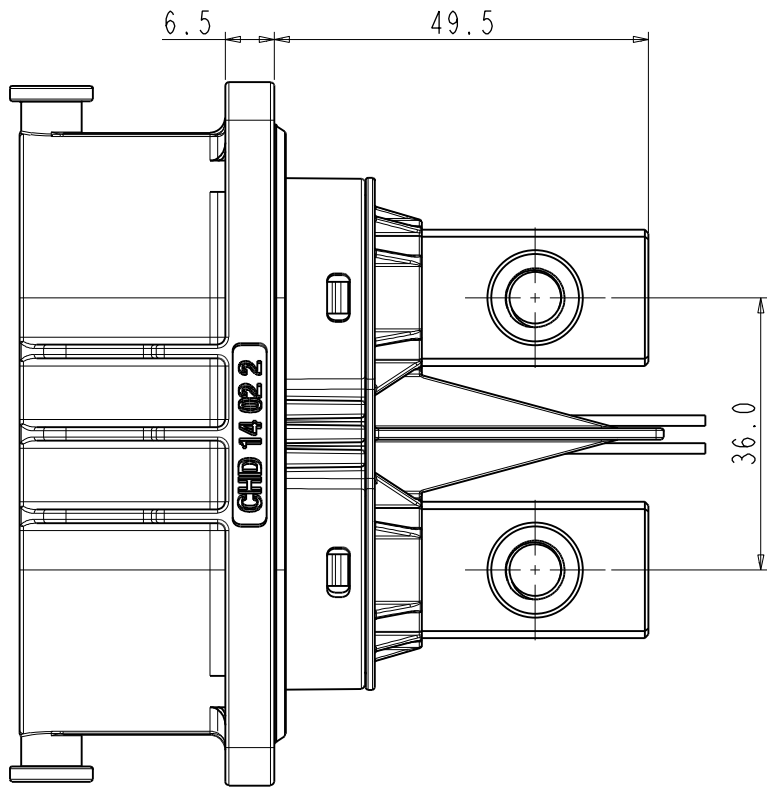
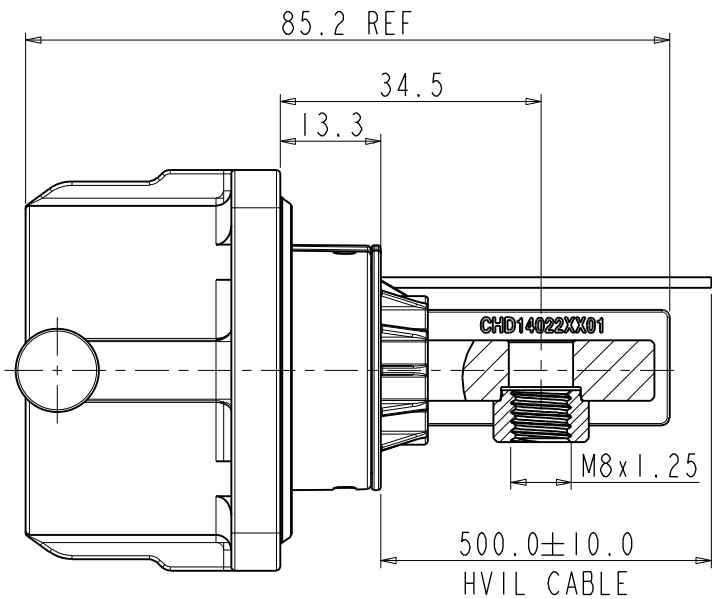
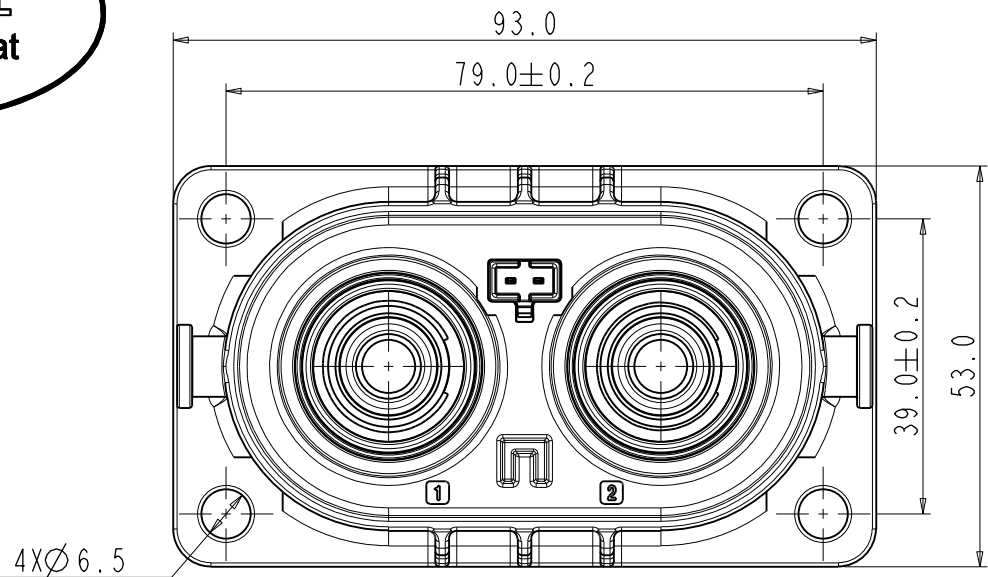


Amphenol PCD
ORIGINAL
PDF Format
R&D



NOTES:

1. MATERIAL & FINISH:
BODY: ALUMINUM ALLOY, NEUTRAL SALT SPRAY MEETS 500H.
POWER CONTACT: COPPER ALLOY SILVER
HVIL CONTACTS: COPPER ALLOY GOLD PLATED
SEAL RING: SR
2. THE FLANGE IS LOCKED WITH M6 BOLTS, AND THE LOCKING TORQUE IS 9.0N.M (REFERENCE STANDARD: QCT518-1999)
3. THE COPPER BAR IS LOCKED WITH M8 BOLTS, AND THE LOCKING TORQUE IS 13.4N.M (REFERENCE STANDARD: NFF 61-017)

4. PART NUMBERING SCHEME:

CHD 14 02 2 X X 01

A: CODING A
B: CODING B
C: CODING C

0: WITHOUT HVIL
1: WITH HVIL

COPPER BAR (M8X1.25)

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Amphenol PCD Shenzhen

受控文件

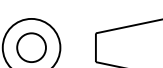
2024年8月30日

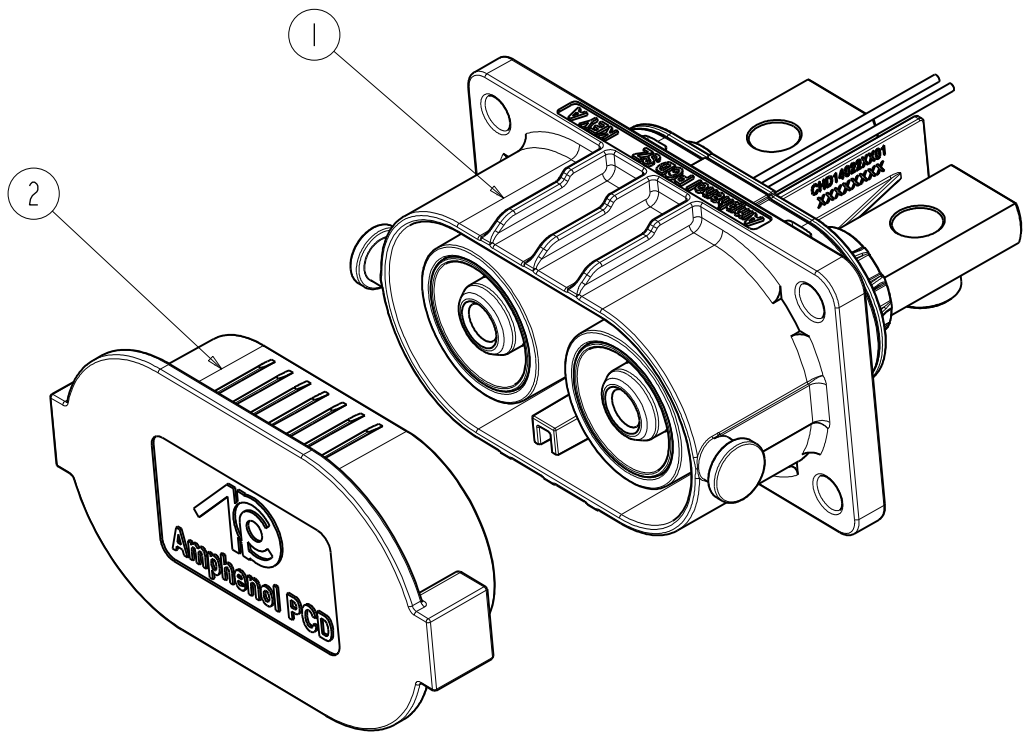
REV	ECN	DESCRIPTION	DATE	MODIFIED
1		PRE- RELEASE	Oct-18-2022	
2	R7619N	ADD SPECIFICATIONS	Nov-24-2023	
3	C8273N	CORRECT ERRORS FOR DRAWING	Jul-05-2024	

5. TECHNICAL DATA TABLE

TECHNICAL DATA		
CURRENT RATE (150MM ² SHIELD CABLE)	500A @ AMBIENT 70°C	★
CURRENT RATE (120MM ² SHIELD TINNED CABLE)	450A @ AMBIENT 70°C	★
CURRENT RATE (120MM ² SHIELD BARE COPPER CABLE)	430A @ AMBIENT 70°C	★
CURRENT RATE (95MM ² SHIELD TINNED CABLE)	400A @ AMBIENT 70°C	★
CURRENT RATE (95MM ² SHIELD BARE COPPER CABLE)	350A @ AMBIENT 70°C	★
CURRENT RATE (70MM ² SHIELD CABLE)	300A @ AMBIENT 70°C	★
RATING VOLTAGE (OVERVOLTAGE CATEGORY II POLLUTION DEGREE 2)	1500V DC	★
OPERATING TEMPERATURE	-40~125°C	
DIELECTRIC WITHSTANDING VOLTAGE	4000V AC(RMS)	★
INSULATION RESISTANCE	200MΩ MIN. @25	★
DURABILITY	50 CYCLES	◎
SHIELDING	YES	
WATERPROOF (UNMATED CONDITION)	IP67	★
WATERPROOF (MATED CONDITION)	IP67, IP6K9K	★
PROTECTION LEVEL (UNMATED)	IP2XB	★
AMBIENT TEMPERATURE	-40~70°C	
RoHS & REACH	YES	★

★ : CRITICAL CHARACTERISTICS / 关键特性
◎ : IMPORTANT CHARACTERISTICS / 重要特性

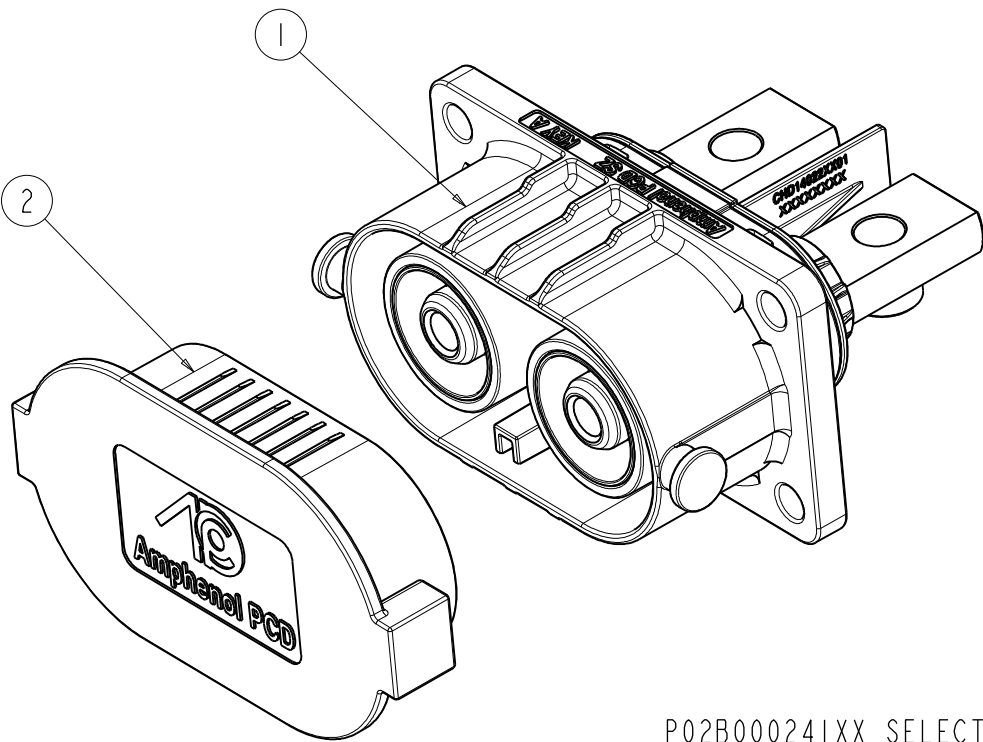
DIMENSIONS	TOLERANCES	PROJECTION	TITLE		
ANSI Y14.5M UNITS: MM Pro/E FILE	.X ±0.5 .XX ±0.05 ANGLES ±2°				
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF Amphenol PCD Co. Ltd Amphenol PCD Co. Ltd RESERVES THE RIGHT TO CLARIFY THIS DRAWING	ENGR	CHD14 02 2 X X 01 RECEPTACLE ASSEMBLY		
		Oct-18-2022			
		CHKD	SIZE	DWG NO.	REV
		APPD	A3	C-CHD14022XX01	3
		SCALE: 1:1		SHEET 1 OF 3	



P02B000240XX SELECTION

MAIN BODY	KEY X
P02B00024001	KEY A
P02B00024002	KEY B
P02B00024003	KEY C

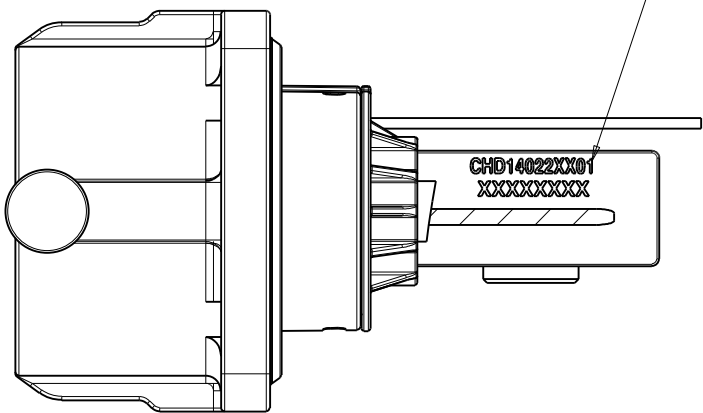
CHD14022X101	2	P01BP00702	PROTECTIVE CAP	I
	I	P02B000240XX	MAIN BODY(WITH HVIL)	I
ASSEMBLY P/N	ITEM	COMPONENT P/N	DESCRIPTION	Q'TY



P02B000241XX SELECTION

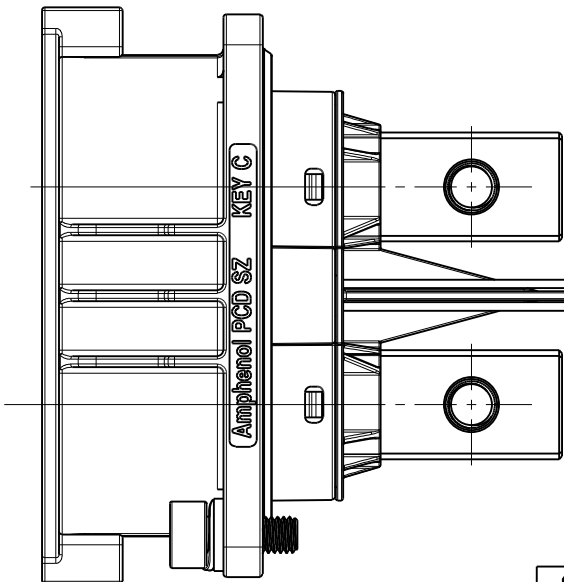
MAIN BODY	KEY X
P02B00024101	KEY A
P02B00024102	KEY B
P02B00024103	KEY C

CHD14022X001	2	P01BP00702	PROTECTIVE CAP	I
	I	P02B000241XX	MAIN BODY(WITHOUT HVIL)	I
ASSEMBLY P/N	ITEM	COMPONENT P/N	DESCRIPTION	Q'TY

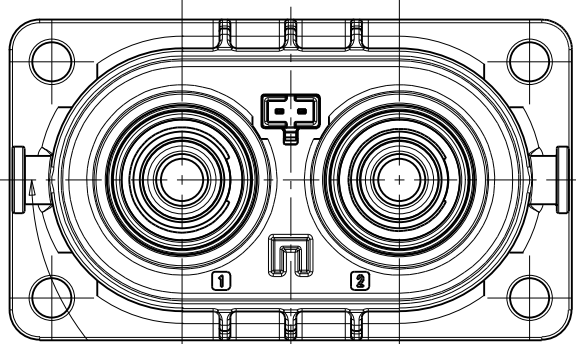


THE FIRST ROW IS THE PRODUCT
PART NUMBER(PRINT THE FULL CODE)
THE SECOND ROW OF WORK ORDER NUMBER+BATCH

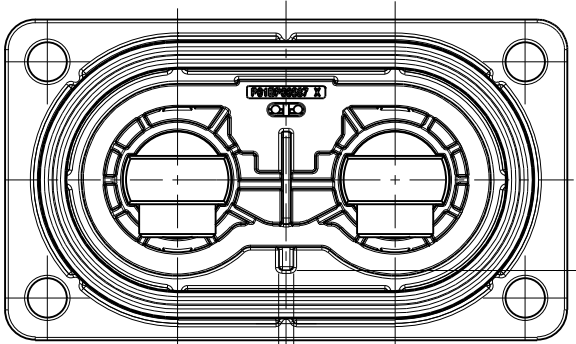
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Amphenol PCD Shenzhen
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2024年8月30日



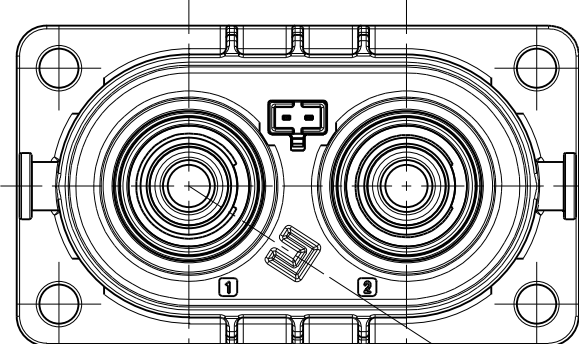
SIZE	DWG NO.	REV
A3	C-CHD14022XX01	3
SCALE: 1:1		SHEET 2 OF 3



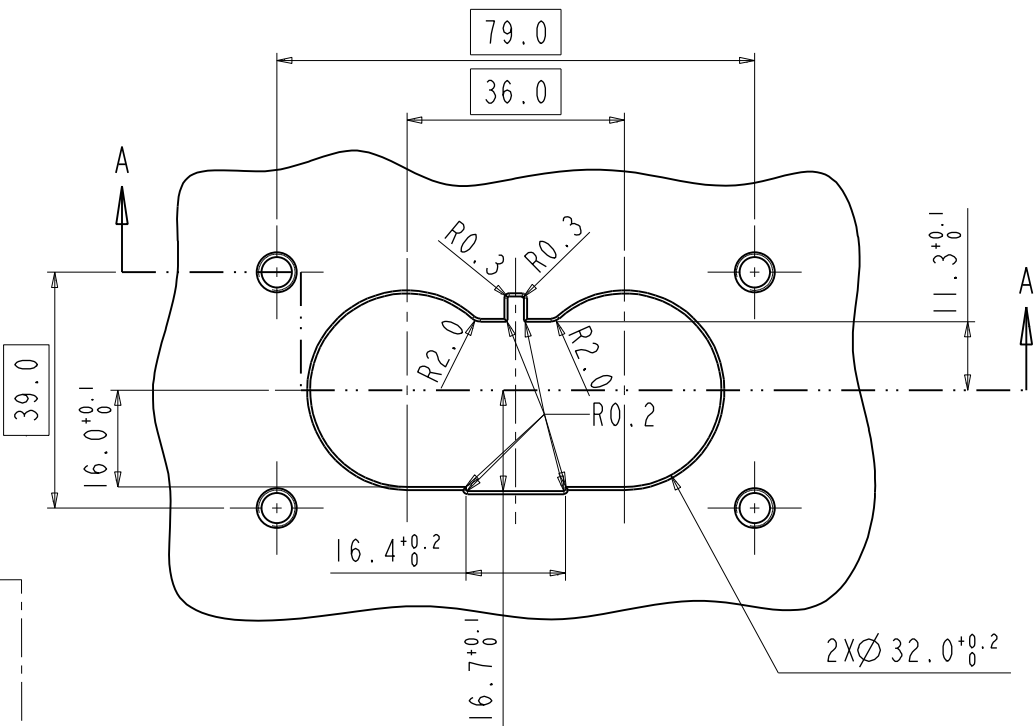
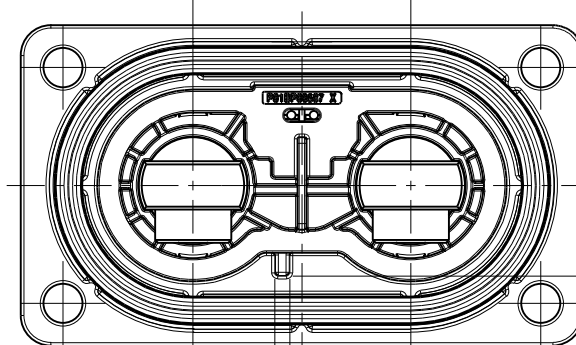
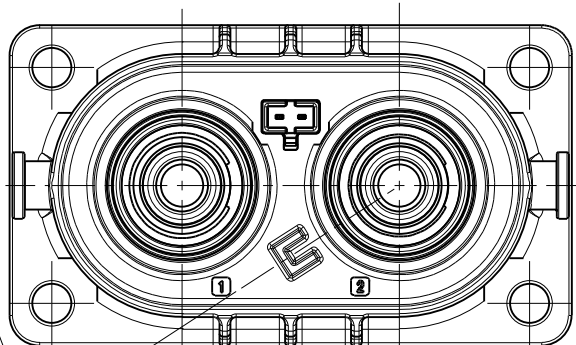
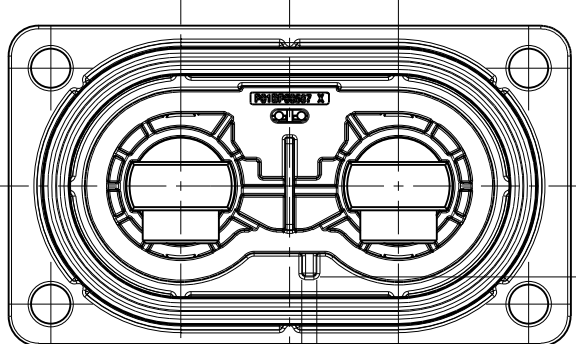
CODING A



CODING B



CODING C



SECTION A-A

PANEL DRILLING

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受控文件
2024年8月30日

CODING A

CODING B

CODING C

SIZE	DWG NO.	REV
A3	C-CHD14022XX01	3
SCALE: 1:1		SHEET 3 OF 3