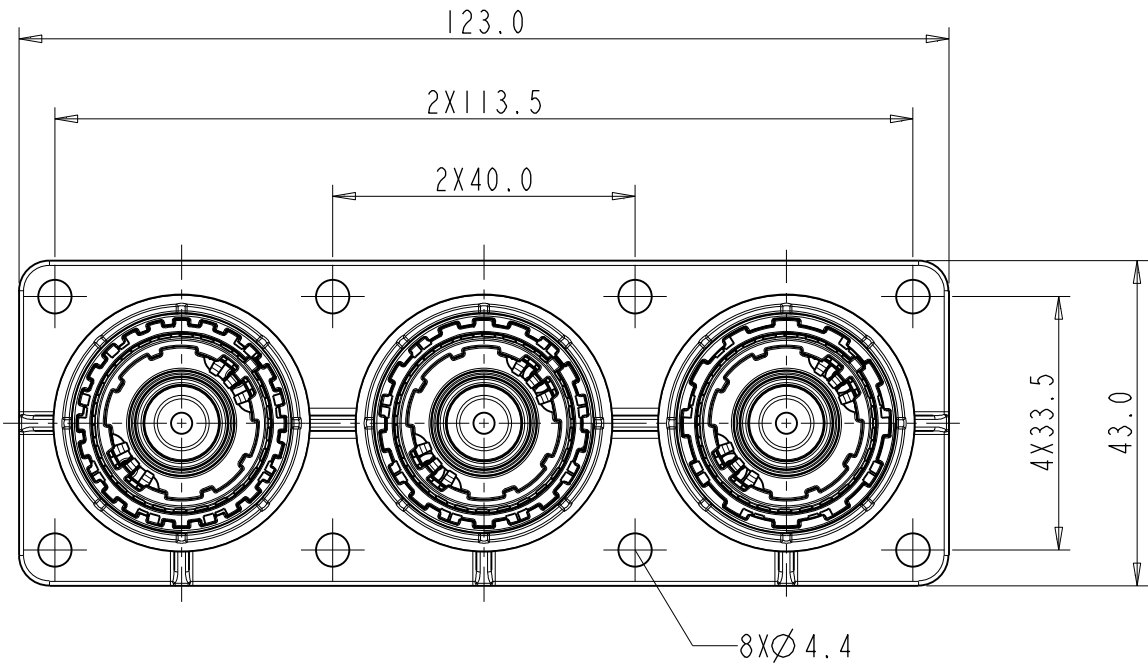


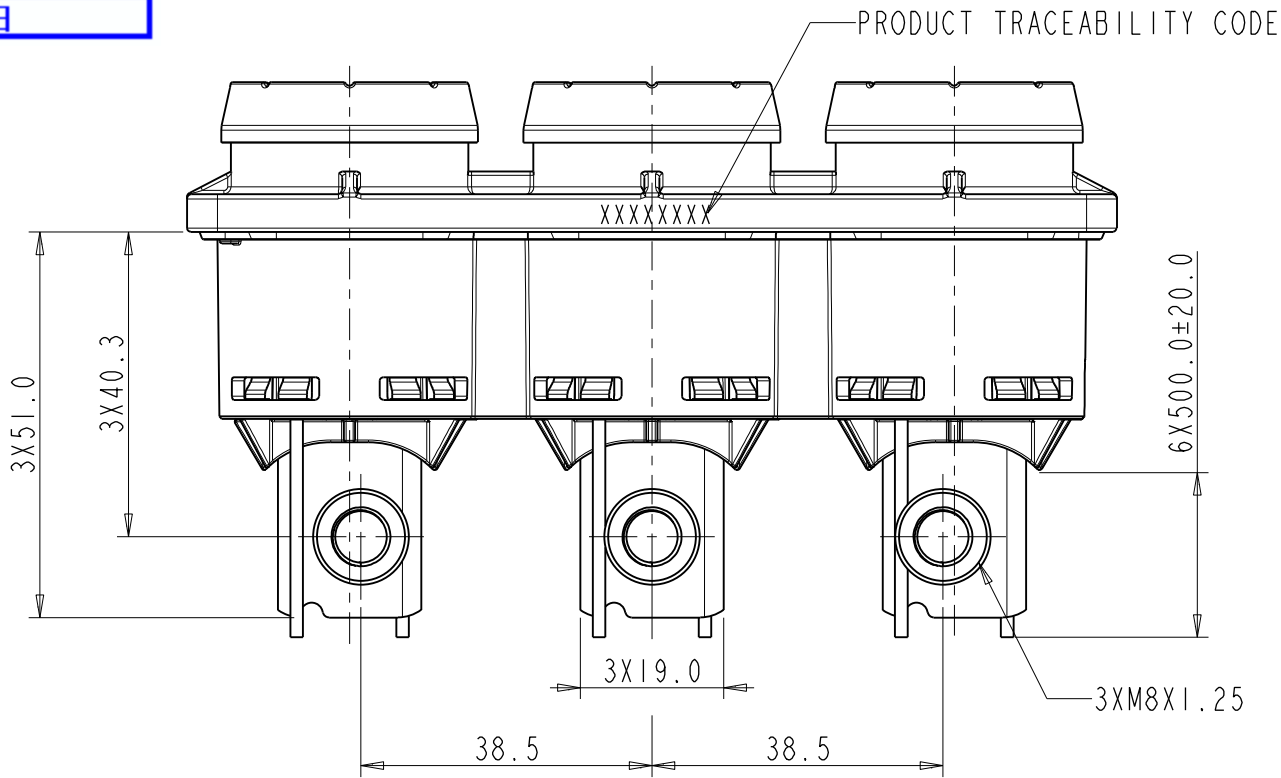
Amphenol PCD SZ
ORIGINAL
PDF Format
R&D



安费诺精密连接器(深圳)有限公司
Amphenol PCD Shenzhen

受 控 文 件

2026年1月13日



1. NOTES:

1. MATERIAL & FINISH:

BODY: ALUMINUM ALLOY,PASSIVATION SALT SPRAY MEETS 720H.

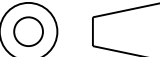
POWER CONTACT: COPPER ALLOY SILVER PLATED

HVIL CONTACTS: COPPER ALLOY AU PLATED

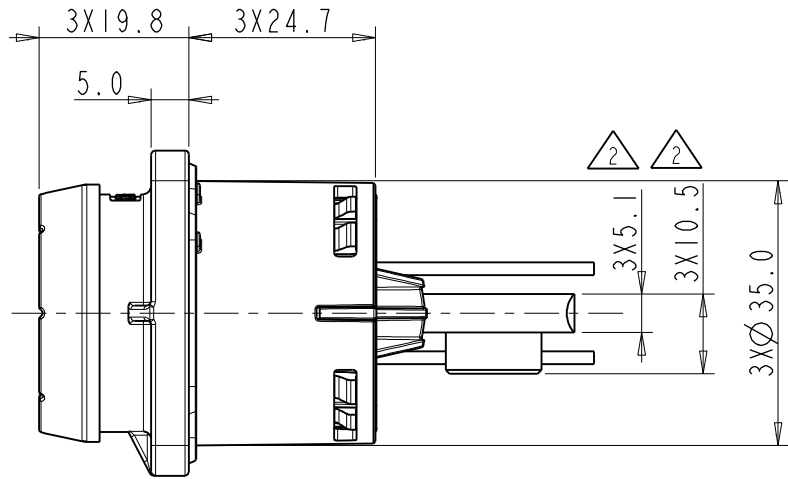
SEAL RING: SR

2.THE FLANGE IS LOCKED WITH M4 BOLTS,AND THE LOCKING TORQUE IS 3.0±10%N.M (REFERENCE STANDARD:DIN-EN20273)

3.THE COPPER BAR IS LOCKED WITH M6 BOLTS,AND THE LOCKING TORQUE IS 13.4±10%N.M (REFERENCE STANDARD:NFF 61-017)

DIMENSIONS	TOLERANCES	PROJECTION	TITLE RECEPTACLE ASSEMBLY				
ANSI Y14.5M	.X ±0.5						
UNITS: MM	.XX ±0.05						
Pro/E FILE	ANGLES ±2°		ENGR				
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-CHD10B023XX01	2
							SCALE: 1:1

REV	ECN	DESCRIPTION	DATE	MODIFIED
1		PRE- RELEASE	Oct-14-2025	.
2	R09827	CHANGE THE STRUCTURE AND RATED VOLTAGE	Dec-15-2025	.



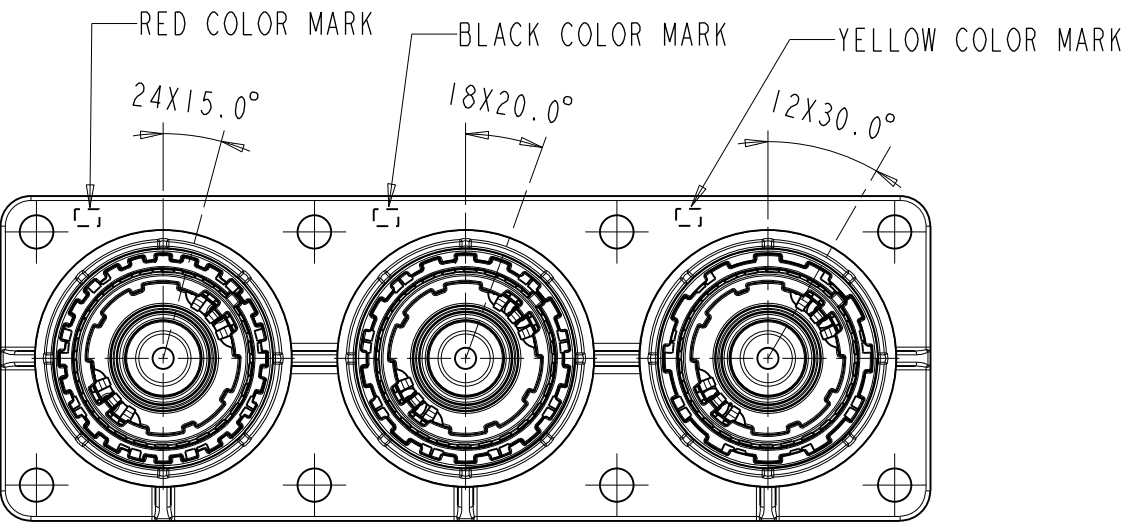
2.TECHNICAL DATA TABLE

TECHNICAL DATA		
CURRENT RATE	330A @ AMBIENT 70°C	+
RATING VOLTAGE (OVERVOLTAGE CATEGORY II POLLUTION DEGREE 2)	1000V DC	+
OPERATING TEMPERATURE	-40 TO 125°C	
DIELECTRIC WITHSTANDING VOLTAGE	3000V AC(RMS)	+
INSULATION RESISTANCE	200MΩ MIN.@25°C	+
DURABILITY	50 CYCLES	◎
SHIELDING	YES	
WATERPROOF (UNMATED CONDITION)	IP67, IP6K9K	+
PROTECTION LEVEL(UNMATED)	IP2XB	+
AMBIENT TEMPERATURE	-40 TO 70°C	
RoHS&REACH	YES	+

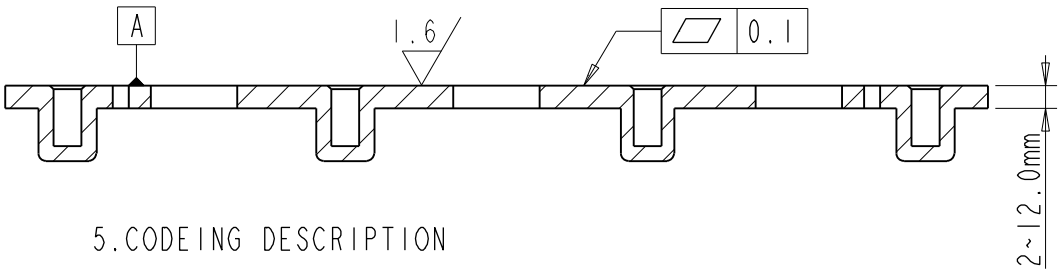
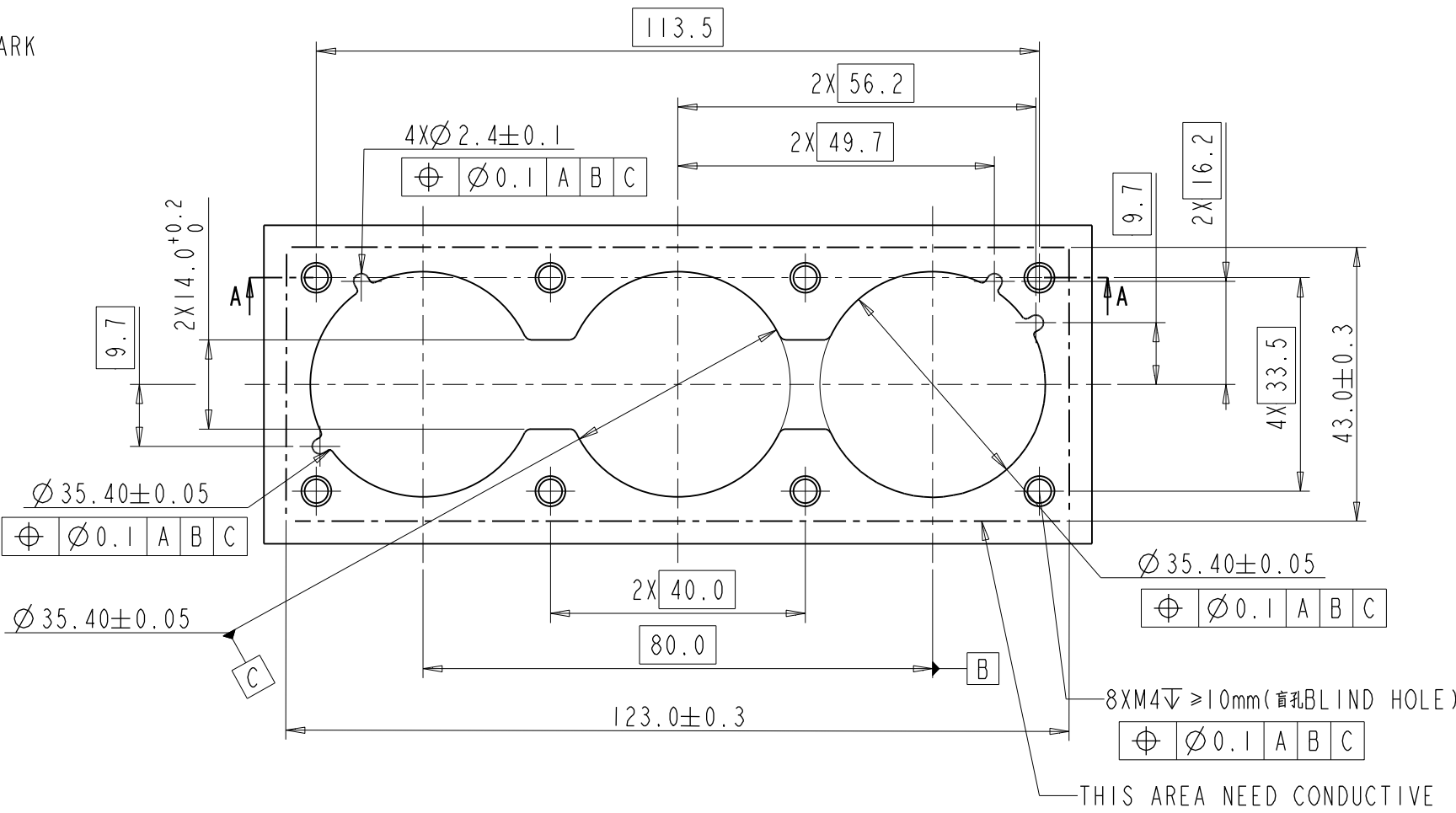
+:CRITICAL CHARACTERISTICS

◎:IMPORTANT CHARACTERISTICS

3.KEY POSITIONS AND EMBOSSING AREAS



4.PANEL SPECIFICATION



5.CODEING DESCRIPTION

CHD 10B 02 3 X X 01

CODE	DESCRIPTION
A	KEY A+KEY B+KEY C

CODE	DESCRIPTION
1	WITH HVIL&HVIL CABLE
0	WITHOUT HVIL&HVIL CABLE

CODE	DESCRIPTION
01	M8X1.25 BUSBAR

SIZE	DWG NO.	REV
A3	C-CHD10B023XX01	2
SCALE: 1:1		SHEET 2 OF 2

C-CHD10B023XX01

C-CHD10B023XX01

