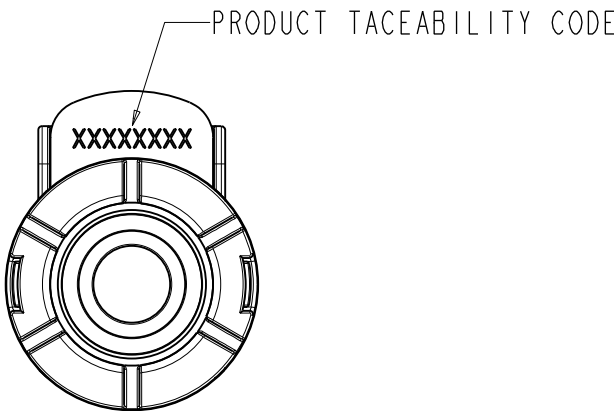
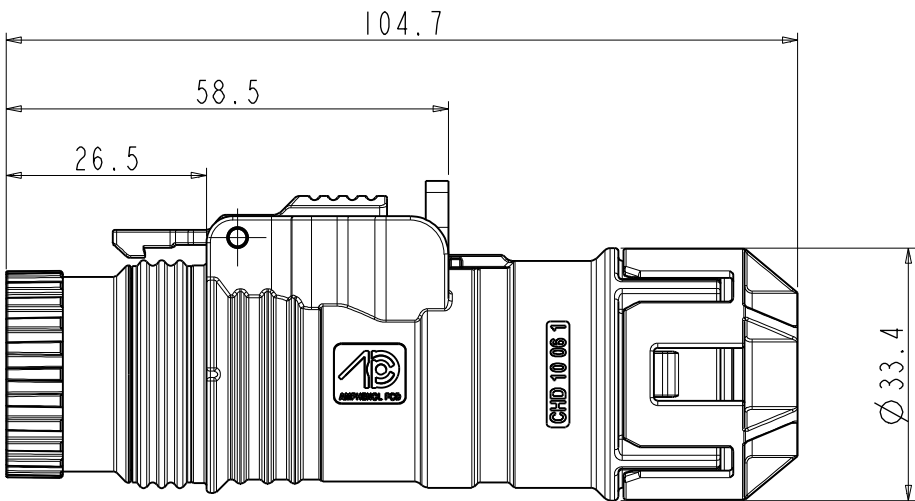
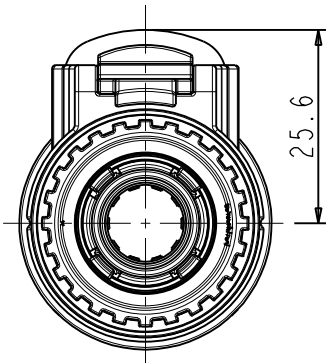


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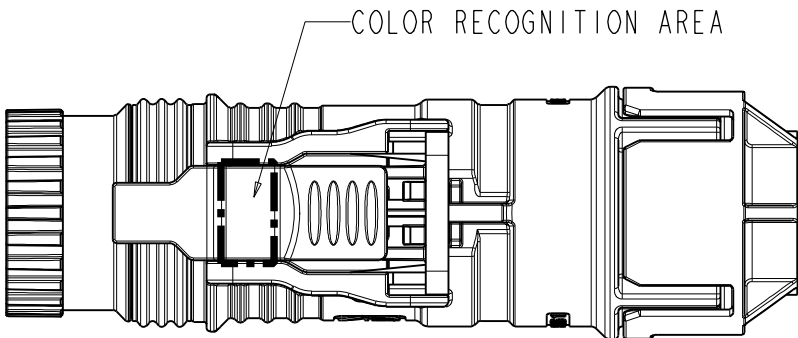
REV	ECN	DESCRIPTION	DATE	MODIFIED
1		PRE- RELEASE	Sept-20-23	Dick
2	R7776N	ADD 35MM^2 CABLE OF LV216	Jan-18-24	Dick
3	R8873N	UPDATE RATED CURRENT	Mar-04-2025	Flame



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2.TECHNICAL DATA TABLE

TECHNICAL DATA		
△3	CURRENT RATE (70MM^2 SHIELD CABLE)	300A @ AMBIENT 70°C +
	CURRENT RATE (50MM^2 SHIELD CABLE)	200A @ AMBIENT 70°C +
	CURRENT RATE (35MM^2 SHIELD CABLE)	150A @ 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°C +
	DURABILITY	50 CYCLES ◎
	SHIELDING	YES
	WATERPRROF (MATED CONDITION)	IP67, IP6K9K +
	PROTECTION LEVEL(UNMATED)	IP2XB +
	AMBIENT TEMPERATURE	-40~70°C
	RoHS & REACH	YES +

NOTES:

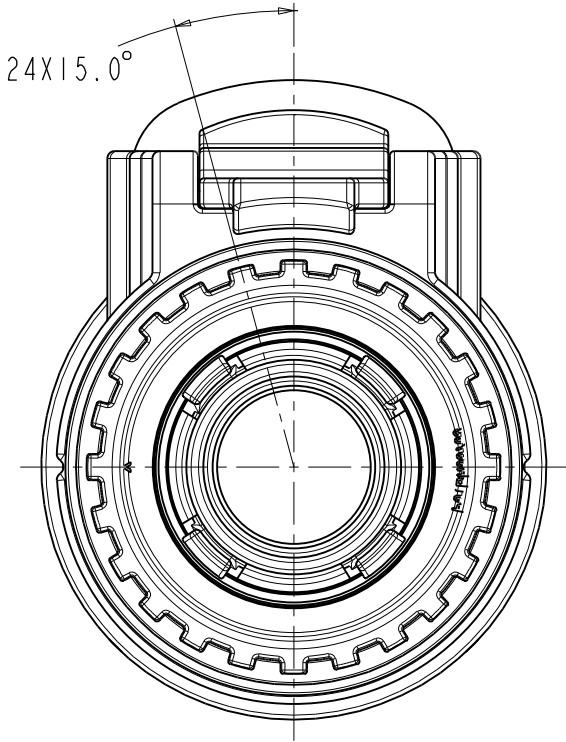
1. MATERIAL & FINISH:
- BODY: ALUMINUM ALLOY,PASSIVATION SALT SPRAY MEETS 500H.
- POWER CONTACT: COPPER ALLOY SILVER & TIN PLATED
- HVIL CONTACTS: COPPER ALLOY TIN PLATED
- SEAL RING: SR

+ :CRITICAL CHARACTERISTICS/关键特性

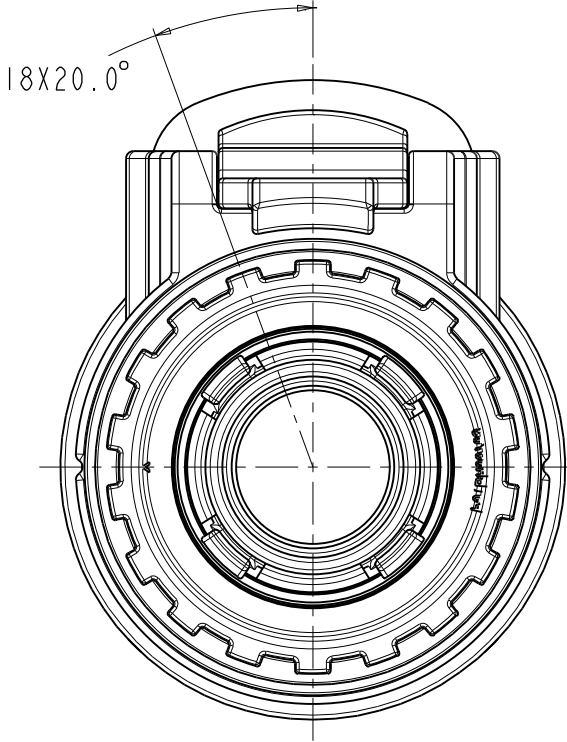
◎:IMPORTANT CHARACTERISTICS/重要特性

DIMENSIONS	TOLERANCES	PROJECTION	Amphenol PCD Shenzhen		TITLE CHD10 0 6 1 X X XX STRAIGHT PLUG ASSEMBLY				
ANSI Y14.5M UNITS: MM Pro/E FILE	.X ±0.5 .XX ±0.05 ANGLES ±2°		ENGR Dick Rao	Sept-20-23					
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 A3	DWG NO. C-CHD10061X1XX		REV 3		
			APPD 	SCALE: 1:2		SHEET 1 OF 3			

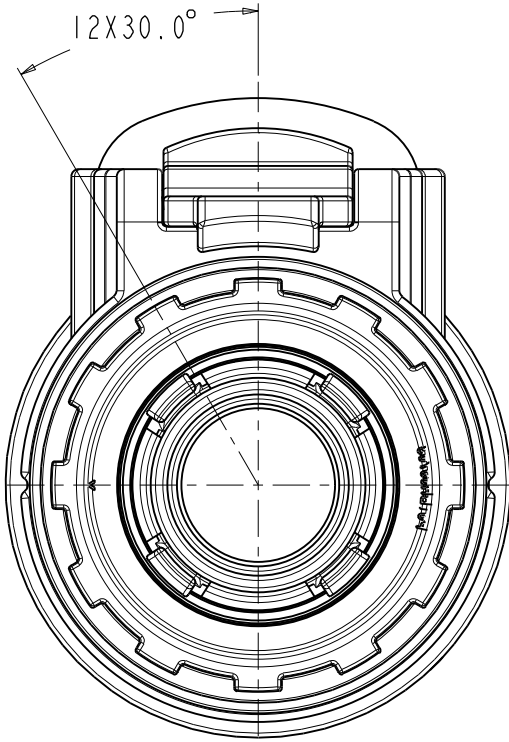
KEY A



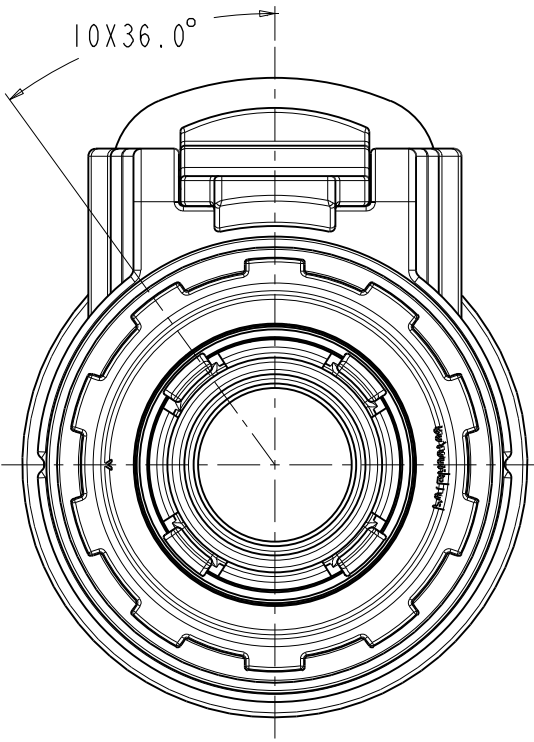
KEY B



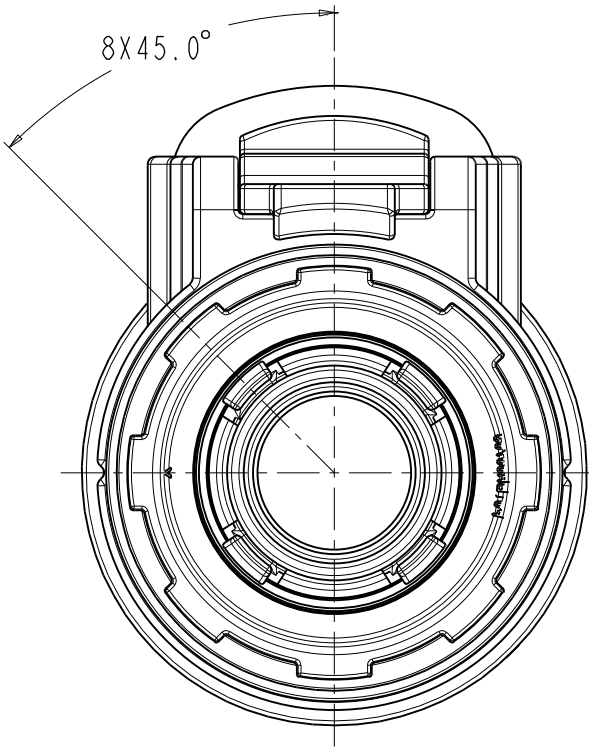
KEY C



KEY D



KEY E



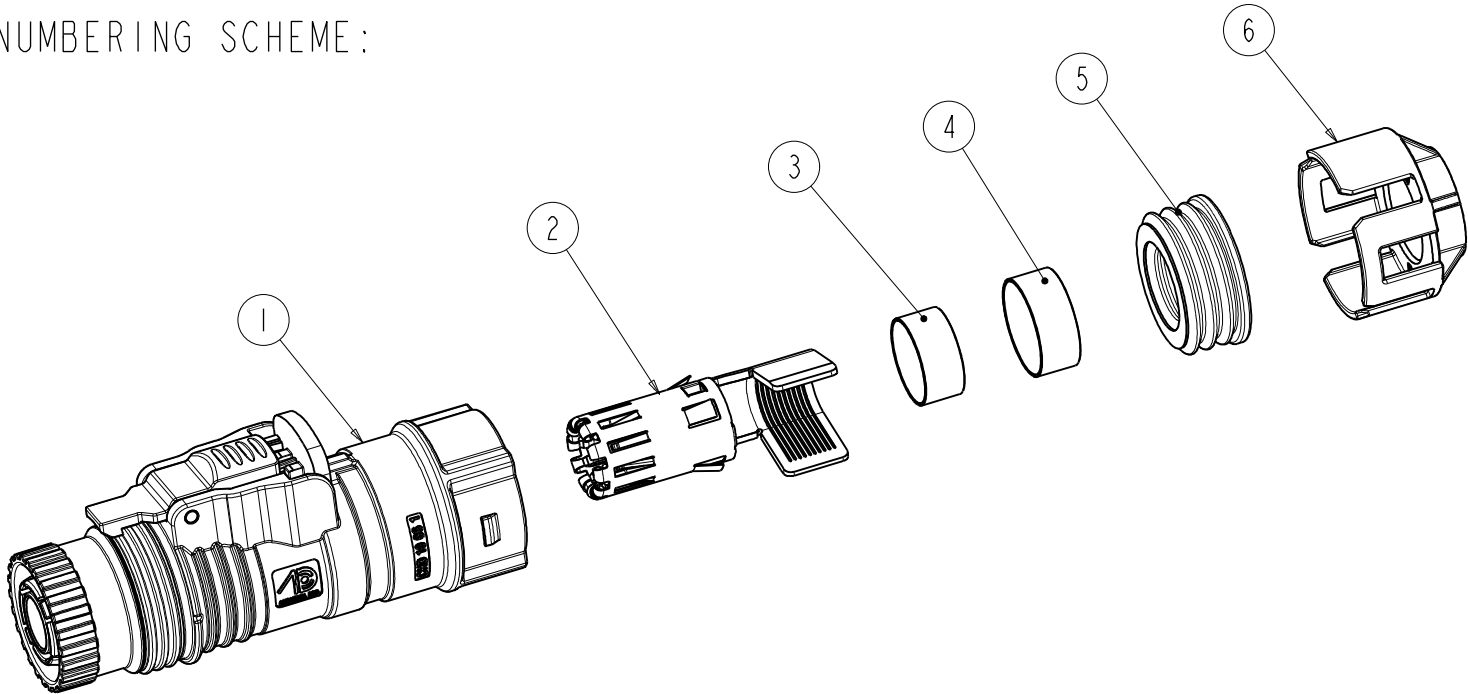
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SIZE	DWG NO.	REV
A3	C-CHD10061X1XX	3
SCALE: 1:2		SHEET 2 OF 3

3.PART NUMBERING SCHEME:



6	SEE TABLE 2	END CAP	1
5	SEE TABLE 2	CABLE SEALING	1
4	SEE TABLE 2	OUTER SHIELD RING	1
3	SEE TABLE 2	INNER SHIELD RING	1
2	P01BS0037102	50~35MM ² POWER PIN(PURCHASE SEPARATELY)	1
	P01BS0037101	70MM ² POWER PIN(PURCHASE SEPARATELY)	1
1	SEE TABLE 1	MAIN BODY	1
ITEM	COMPONENT P/N	DESCRIPTION	Q'TY

CHD 10 06 1 X 1 XX

SERIES CODE

TERMINAL SPECIFICATIONS

STRAIGHT PLUG

SINGLE PIN

KEY & COLOR CODE:

TABLE 1		
CODE	DESCRIPTION	1# MAIN BODY& WITH HVIL
A	KEY A,RED	P02B00054001
B	KEY B,BLACK	P02B00054002
C	KEY C,YELLOW	P02B00054003
D	KEY D,GREEN	P02B00054004
E	KEY E,BLUE	P02B00054005

INTERLOCK CODE:

CODE	DESCRIPTION
I	WITH HVIL

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CABLE SIZE OPTION:

TABLE 2					
CODE	DESCRIPTION	3# INNER SHIELD RING	4# 配件料号 OUTER SHIELD RING	5# CABLE SEALING	6# END CAP
01	70mm ² (LV216) WIRE OD=17.8±0.4mm	P01BM00641	P01BM00640	P01BR00704	P01BP0092301
02	50mm ² (LV216) WIRE OD=15.5±0.3mm	P01BM00614	P01BM00613	P01BR00705	P01BP0092302
03	70mm ² (H&S) WIRE OD=17.0±0.3mm	P01BM02131	P01BM02132	P01BR00706	P01BP0092303
04	50mm ² (H&S) WIRE OD=14.9±0.3mm	P01BM02133	P01BM02134	P01BR01029	P01BP0092304
05	35mm ² (H&S) WIRE OD=12.7±0.3mm	P01BM02135	P01BM02136	P01BR01030	P01BP0092305
06	35mm ² (LV216) WIRE OD=14.1±0.3mm	P01BM02277	P01BM02276	P01BR01090	P01BP0092306

SIZE	DWG NO.	REV
A3	C-CHD10061X1XX	3
SCALE: 1:2		SHEET 3 OF 3