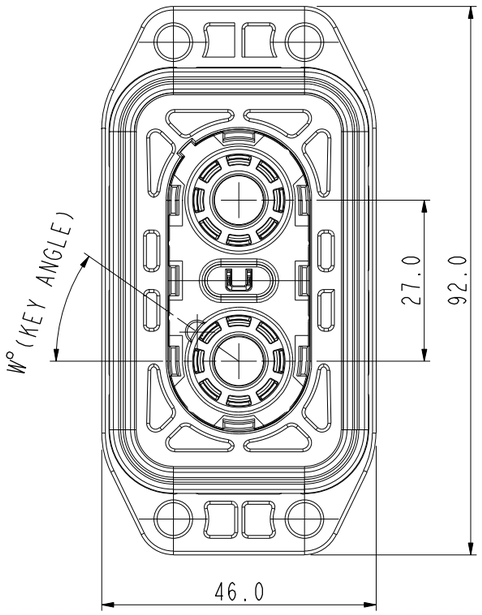
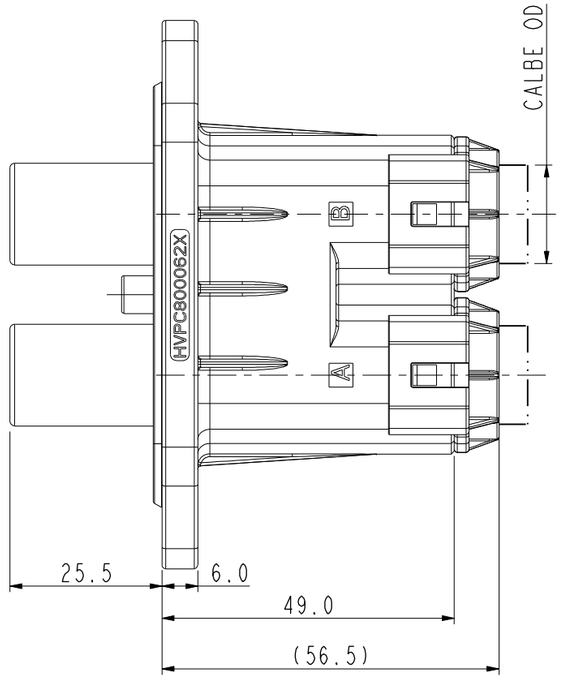
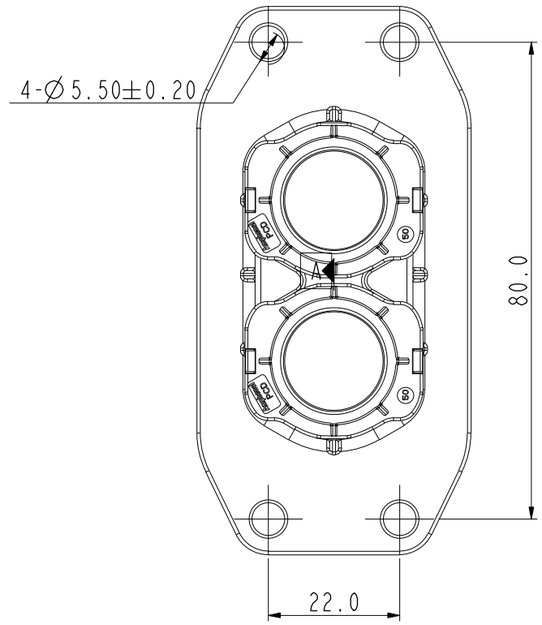






C-HVPC800062XXXX

1.RoHS COMPLIANCE 符合RoHS ✦

2. TECHNICAL DATA TABLE/技术参数

CURRENT RATE (50mm^2 CABLE)	180A	✦
CURRENT RATE (35mm^2 CABLE)	150A	✦
UL RATING VOLTAGE (OVERVOLTAGE CATEGORY II POLLUTION DEGREE 2)	1000V DC	✦
OPERATING TEMPERATURE	-40~125° C	
DIELECTRIC WITH STANDING VOLTAGE	3000V AC	✦
INSULATION RESISTANCE	2000MΩ MIN. 25° C, NO CABLE	✦
DURABILITY/	50 CYCLES	◎
SHIELDING	YES	◎
WATERPRROF (MATED CONDITION)	IP 67 & IPX9K	✦
PROTECTION LEVEL	IP2XB	
TECHNICAL DESCRIPTION	TECHNICAL DATA	FEATURE

3:HOW TO ORDER

HVPC 800 06 2X X XX

- A: CODING A(W=35°) / B: CODING B(W=145°)
- 0: WITHOUT HVIL / 1: WITH HVIL
- 35: FOR 35mm² Shielded WIRE;OD=14.2±0.4mm
- 50: FOR 50mm² Shielded WIRE;OD=16.5±0.4mm

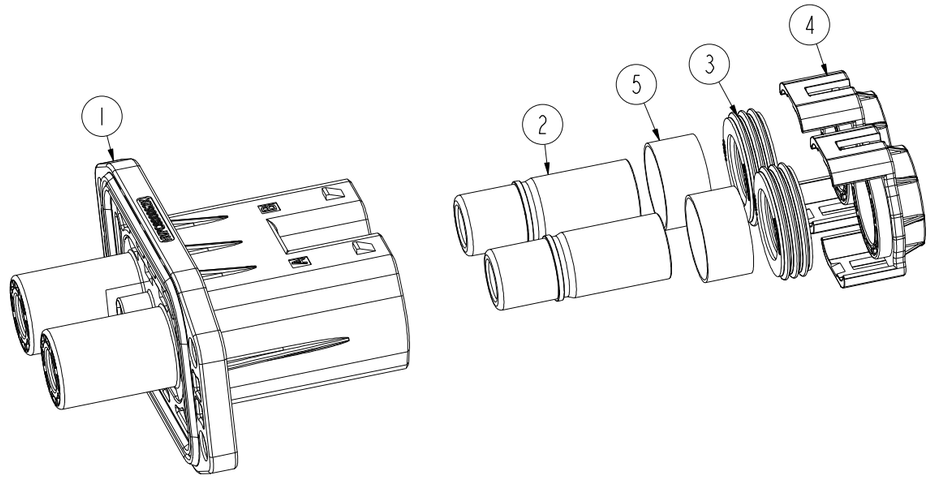
DIMENSIONS: ANSI Y14.5M; UNITS: MM; Pro/E FILE	TOLERANCES: .X ±0.5; .XX ±0.05; ANGLES ±1.0°	PROJECTION	ENGR: ☒☒☒☒☒☒☒☒☒☒☒☒☒☒☒☒☒☒☒☒	TITLE: HVPC 2POS PLUG
ORIGINAL: NOT FOR CUSTOMER DISTRIBUTION	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF AMPHENOL PCD SHENZHEN		CHKD APPD	SIZE: A3 · DWG NO.: C-HVPC800062XXXX · REV: A CODE: 58982 · SCALE: 1:1 · SHEET 1 OF 2

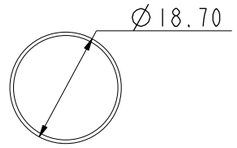
"✦"CRITICAL CHARACTERISTIC MARKS/ 关键特性符号； "◎"IMPORTANT CHARACTERISTIC MARKS / 重要特性符号;

3:BOM LIST

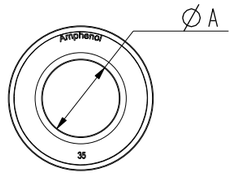
	ITEM	P/N	DESCRIPTION
HVPC800062AI50	1	HVPC800062AI	BODY CODING A WITH HVIL
	2	C4200059491	CONTACT For 50 mm2
	3	C4270011502	SEAL For 50 mm2
	4	C4220011602	END CAP For 50 mm2
	5	C43100050133	TUBE FOR 50 mm2
HVPC800062BI50	ITEM	P/N	DESCRIPTION
	1	HVPC800062BI	BODY CODING B WITH HVIL
	2	C4200059491	CONTACT For 50 mm2
	3	C4270011502	SEAL For 50 mm2
	4	C4220011602	END CAP For 50 mm2
	5	C43100050133	TUBE FOR 50 mm2
HVPC800062A050	ITEM	P/N	DESCRIPTION
	1	HVPC800062A0	BODY CODING A WITHOUT HVIL
	2	C4200059491	CONTACT For 50 mm2
	3	C4270011502	SEAL For 50 mm2
	4	C4220011602	END CAP For 50 mm2
	5	C43100050133	TUBE FOR 50 mm2
HVPC800062B050	ITEM	P/N	DESCRIPTION
	1	HVPC800062B0	BODY CODING B WITHOUT HVIL
	2	C4200059491	CONTACT For 50 mm2
	3	C4270011502	SEAL For 50 mm2
	4	C4220011602	END CAP For 50 mm2
	5	C43100050133	TUBE FOR 50 mm2
HVPC800062AI35	ITEM	P/N	DESCRIPTION
	1	HVPC800062AI	BODY CODING A WITH HVIL
	2	C4200059492	CONTACT For 35 mm2
	3	C4270011501	SEAL For 35 mm2
	4	C4220011603	END CAP For 35 mm2
	5	C43100050134	TUBE FOR 35 mm2
HVPC800062BI35	ITEM	P/N	DESCRIPTION
	1	HVPC800062BI	BODY CODING B WITH HVIL
	2	C4200059492	CONTACT For 35 mm2
	3	C4270011501	SEAL For 35 mm2
	4	C4220011603	END CAP For 35 mm2
	5	C43100050134	TUBE FOR 35 mm2
HVPC800062A035	ITEM	P/N	DESCRIPTION
	1	HVPC800062A0	BODY CODING A WITHOUT HVIL
	2	C4200059492	CONTACT For 35 mm2
	3	C4270011501	SEAL For 35 mm2
	4	C4220011603	END CAP For 35 mm2
	5	C43100050134	TUBE FOR 35 mm2
HVPC800062B035	ITEM	P/N	DESCRIPTION
	1	HVPC800062B0	BODY CODING B WITHOUT HVIL
	2	C4200059492	CONTACT For 35 mm2
	3	C4270011501	SEAL For 35 mm2
	4	C4220011603	END CAP For 35 mm2
	5	C43100050134	TUBE FOR 35 mm2

3:ASSEMBLY INDIVIDUAL COMPONENT DIMENSIONS SHOW

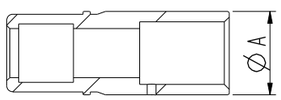




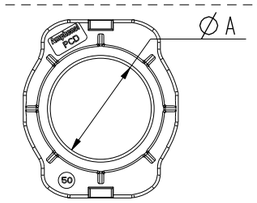
ITEM	P/N	DIMENTION Ø A+0.2/-0.1	DESCRIPTION
1	C43100050134	16.2	SEAL For 35 mm2
2	C43100050133	18.7	SEAL For 50 mm2



ITEM	P/N	DIMENTION Ø A±0.5mm	DESCRIPTION
1	C4270011501	12.9	SEAL For 35 mm2
2	C4270011502	15.1	SEAL For 50 mm2



ITEM	P/N	DIMENTION Ø A±0.5mm	DESCRIPTION
1	C4200059492	12.0	terminal For 35 mm2
2	C4200059491	14.0	terminal For 50 mm2



ITEM	P/N	DIMENTION Ø A±0.5mm	DESCRIPTION
1	C4220011603	14.6	END CAP For 35 mm2
2	C4220011602	16.9	END CAP For 50 mm2

SIZE	DWG NO.	REV
A3	C-HVPC800062XXXX	A
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