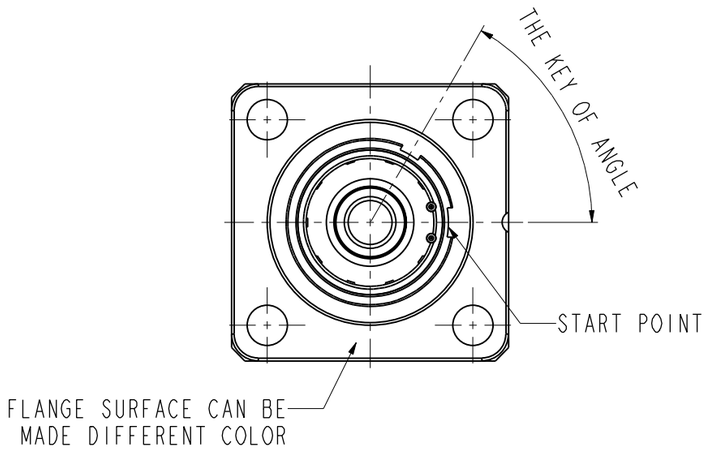
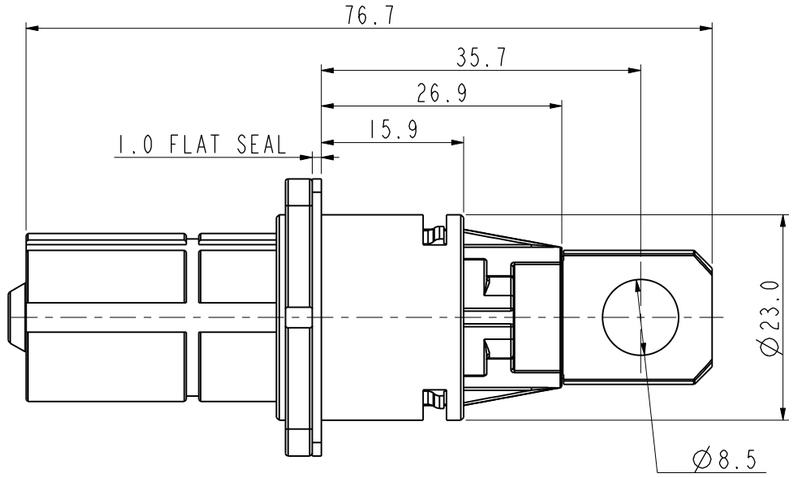
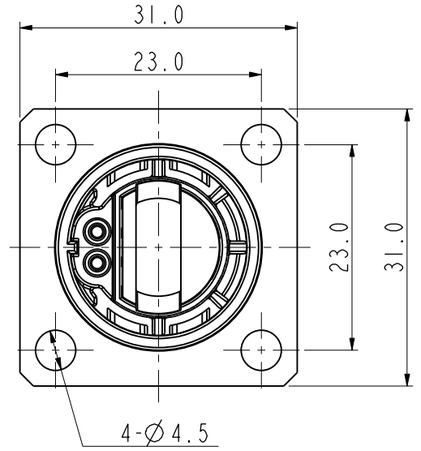
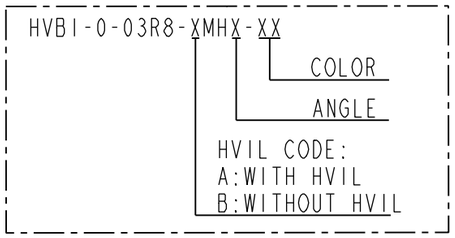
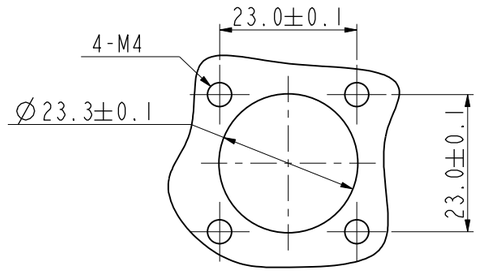


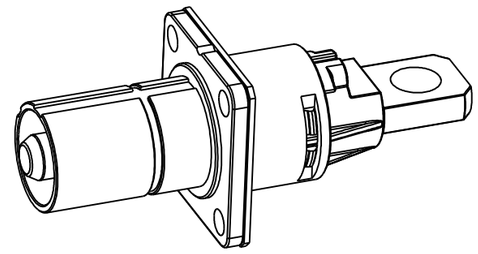








PANEL CUT-OUT REFERENCE



✦:CRITICAL CHARACTERISTICS 关键特性

◎:IMPORTANT CHARACTERISTICS 重要特性

TECHNICAL DATA		
CURRENT RATE (35MM^2 CABLE)	150A @ AMBIENT 70° C	✦
CURRENT RATE (50MM^2 CABLE)	180A @ AMBIENT 70° C	✦
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, IP6K9K	✦
PROTECTION LEVEL	IP2XB	✦
AMBIENT TEMPERATURE	-40~70° C	
ROHS COMPLIANCE	YES	✦

WIHT HVIL		
P/N	DESCRIPTION	
	KEY OF ANGLE	FLANGE SURFACE COLOR
HVBI-0-03R8-AMHA-RD	30°	RED
HVBI-0-03R8-AMHB-BK	60°	BLACK
HVBI-0-03R8-AMHC-YL	90°	YELLOW
HVBI-0-03R8-AMHD-GR	120°	GREEN
HVBI-0-03R8-AMHE-BL	150°	BLUE
HVBI-0-03R8-AMHF-PU	180°	PURPLE

WIHTOUT HVIL		
P/N	DESCRIPTION	
	KEY OF ANGLE	FLANGE SURFACE COLOR
HVBI-0-03R8-BMHA-RD	30°	RED
HVBI-0-03R8-BMHB-BK	60°	BLACK
HVBI-0-03R8-BMHC-YL	90°	YELLOW
HVBI-0-03R8-BMHD-GR	120°	GREEN
HVBI-0-03R8-BMHE-BL	150°	BLUE
HVBI-0-03R8-BMHF-PU	180°	PURPLE

DIMENSIONS: ANSI Y14.5M; UNITS: MM; Pro/E FILE	TOLERANCES: .X ±0.3; .XX ±0.20; ANGLES ±0.5°	PROJECTION	ENGR: ☒☒☒☒☒☒☒☒☒☒☒☒☒☒☒☒☒☒☒☒	TITLE: HVBI-0R8 RECEPTACLE
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF AMPHENOL PCD SHENZHEN		CHKD; APPD	SIZE: A3; DWG NO.: C-HVBI003R8XMHXXX; REV: B; CODE: 58982; SCALE: 2:1; SHEET 1 OF 1

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