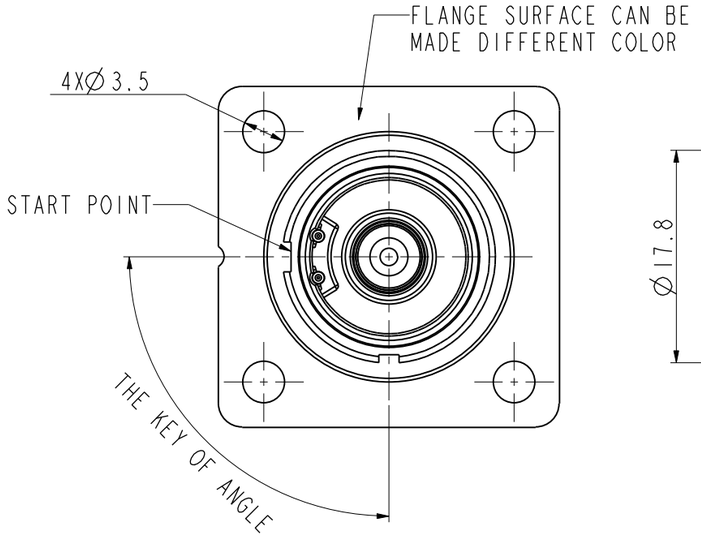
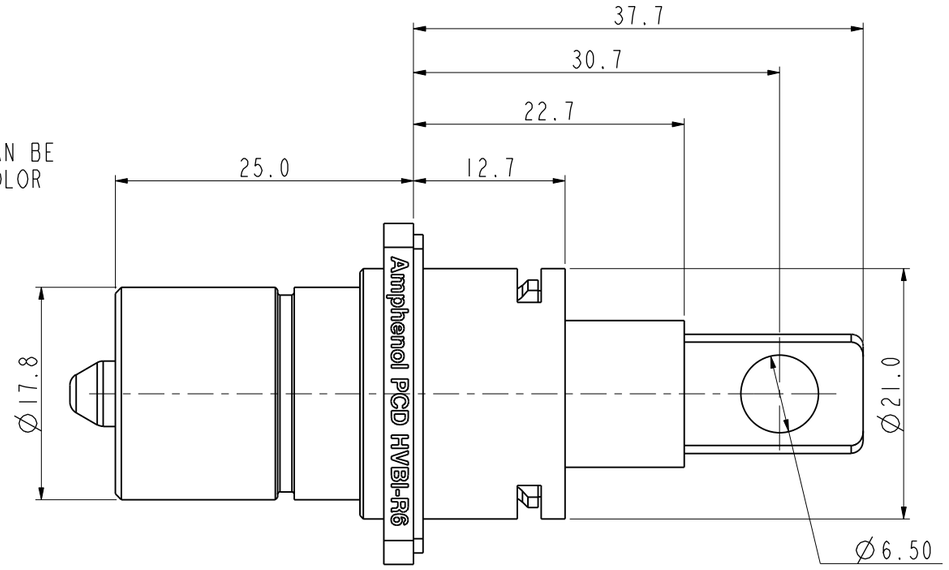
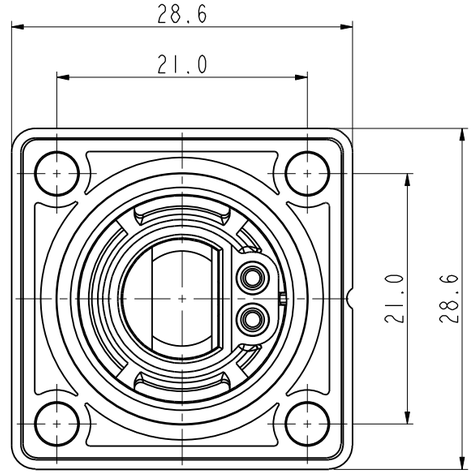
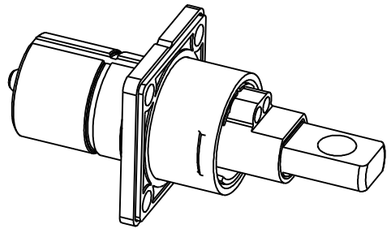
C-HVBI002R6XMHXXX









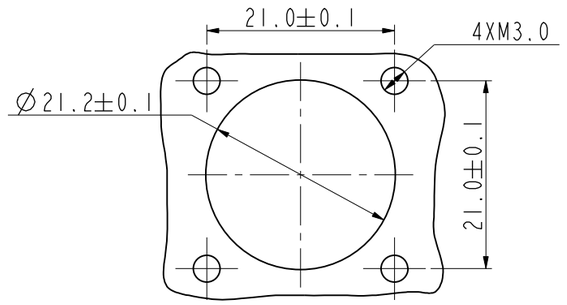
✦:CRITICAL CHARACTERISTICS 关键特性
◎:IMPORTANT CHARACTERISTICS 重要特性

TECHNICAL DATA		
CURRENT RATE (25MM^2 CABLE)	120A @ AMBIENT 70° C	✦
CURRENT RATE (20MM^2 CABLE)	100A @ AMBIENT 70° C	✦
CURRENT RATE (16MM^2 CABLE)	80A @ 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 (MIN)	◎
SHIELDING	YES	◎
WATERPRROF (MATED CONDITION)	IP 67,IP6K9K	✦
PROTECTION LEVEL	IP2XB	✦
AMBIENT TEMPERATURE	-40~70° C	
ROHS COMPLIANCE	YES	✦

HVBI002R6-XMH-XXX

HVIL CODE:
A:WITH HVIL
B:WITHOUT HVIL

ANGLE AND COLOR:
ARD: 30° ,RED
BBK: 60° ,BLACK
CYL: 90° ,YELLOW
DGR: 120° ,GREEN
EBL: 150° ,BLUE
FPU: 180° ,PURPLE



PANEL CUT-OUT REFERENCE

DIMENSIONS	TOLERANCES		PROJECTION		TITLE
ANSI Y14.5M	.X	±0.5		☒☒☒☒☒☒☒☒☒☒☒☒☒☒☒☒☒☒☒☒	HVBI-R6 RECEPTACLE
UNITS: MM	.XX	±0.25		ENGR	
Pro/E FILE	ANGLES	±0.5°			
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF AMPHENOL PCD SHENZHEN			CHKD	SIZE A3 · DWG NO. C-HVBI002R6XMHXXX · REV F
				APPD	CODE: 58982 · SCALE: 2:1 · SHEET 1 OF 1

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