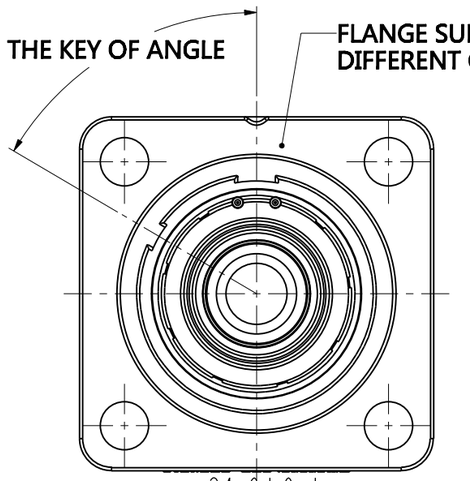
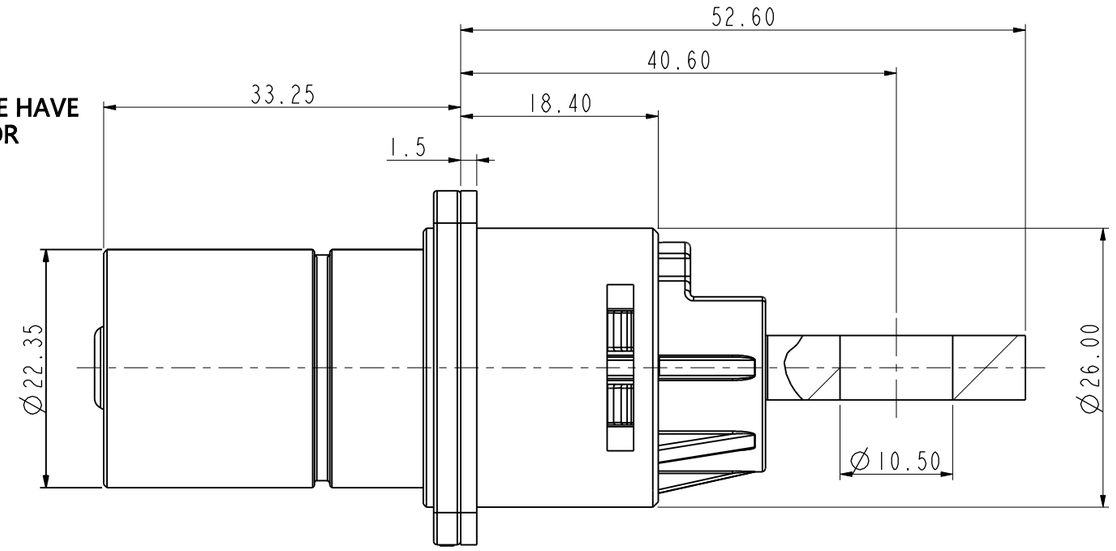
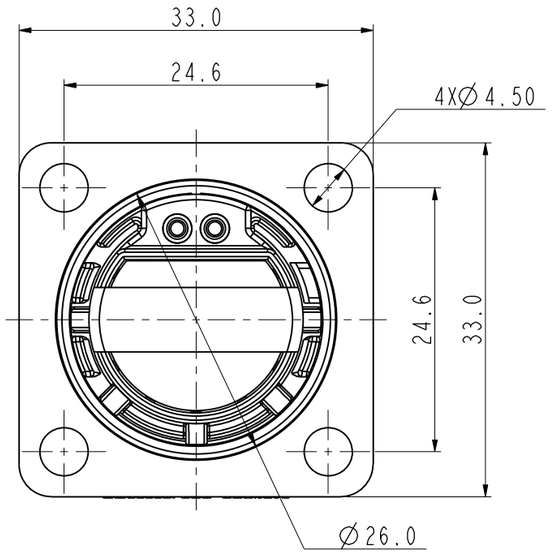
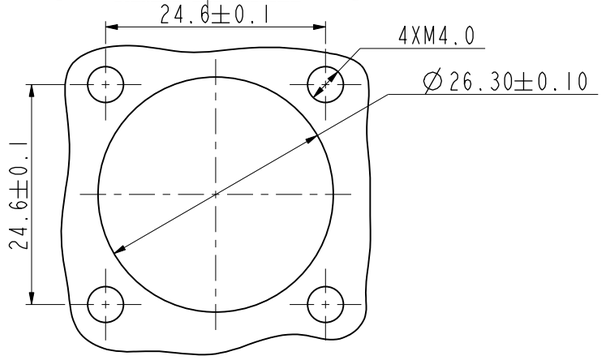








PANEL CUT-OUT REFERENCE

✦ :CRITICAL CHARACTERISTICS 关键特性

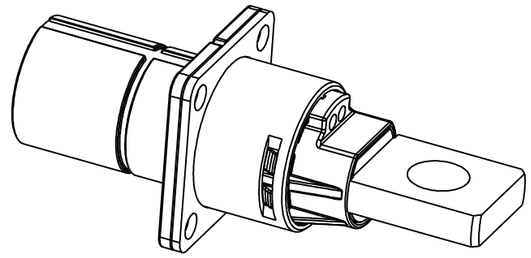
◎ :IMPORTANT CHARACTERISTICS 重要特性

TECHNICAL DATA		
CURRENT RATE (50MM^2 SHIELD CABLE)	180A @ AMBIENT 70°C	✦
CURRENT RATE (70MM^2 SHIELD CABLE)	250A @ 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)	◎
WATERPRROF (MATED CONDITION)	IP 67,IP6K9K	✦
PROTECTION LEVEL	IP2XB	✦
AMBIENT TEMPERATURE	-40~70°C	
ROHS COMPLIANCE	YES	✦

ORDER INFORMATION

HVBI0-05R10-XMHX-XX

- COLOR
- KEY ANGLE
- HVIL CODE: A:WITH HVIL B:WITHOUT HVIL



WIHT HVIL		
P/N	DESCRIPTION	
	KEY OF ANGLE	COLOR
HVBI0-05R10-AMHA-RD	30°	RED
HVBI0-05R10-AMHB-BK	60°	BLACK
HVBI0-05R10-AMHC-YL	90°	YELLOW
HVBI0-05R10-AMHD-GR	120°	GREEN
HVBI0-05R10-AMHE-BL	150°	BLUE
HVBI0-05R10-AMHF-PU	180°	PURPLE

WIHTOUT HVIL		
P/N	DESCRIPTION	
	KEY OF ANGLE	COLOR
HVBI0-05R10-BMHA-RD	30°	RED
HVBI0-05R10-BMHB-BK	60°	BLACK
HVBI0-05R10-BMHC-YL	90°	YELLOW
HVBI0-05R10-BMHD-GR	120°	GREEN
HVBI0-05R10-BMHE-BL	150°	BLUE
HVBI0-05R10-BMHF-PU	180°	PURPLE

安费诺精密连接器(深圳)有限公司
Amphenol PCD Shenzhen
受 控 文 件
2019年5月10日

DIMENSIONS	TOLERANCES	PROJECTION
ANSI Y14.5M	.X ±0.2	
UNITS: MM	.XX ±0.10	
Pro/E FILE	ANGLES ±0.5°	

ORIGINAL
NOT FOR CUSTOMER DISTRIBUTION

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ENGP

CHKD

APPD

TITLE
HVBI-R10 RECEPTACLE

SIZE	DWG NO.	REV
A3	C-HVBI005R10XMHXXX	B

CODE: 58982 | SCALE: 2:1 | SHEET 1 OF 1

C-HVBI005R10XMHXXX
C-HVBI005R10XMHXXX