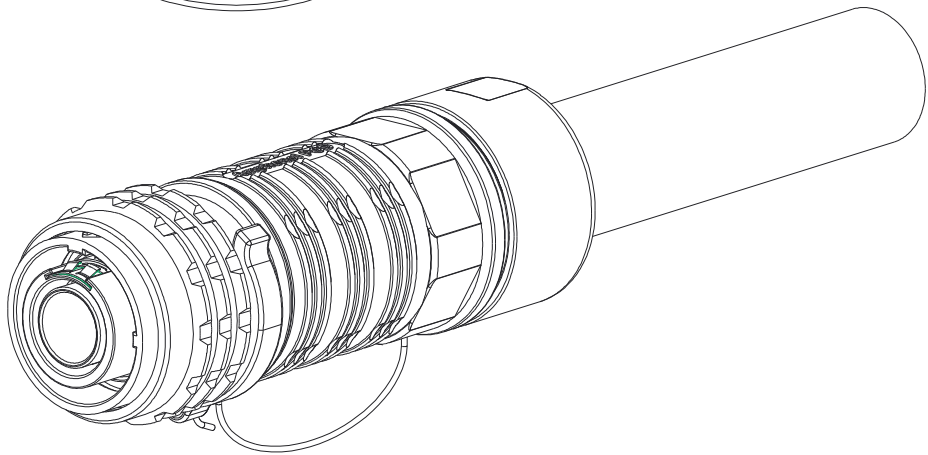
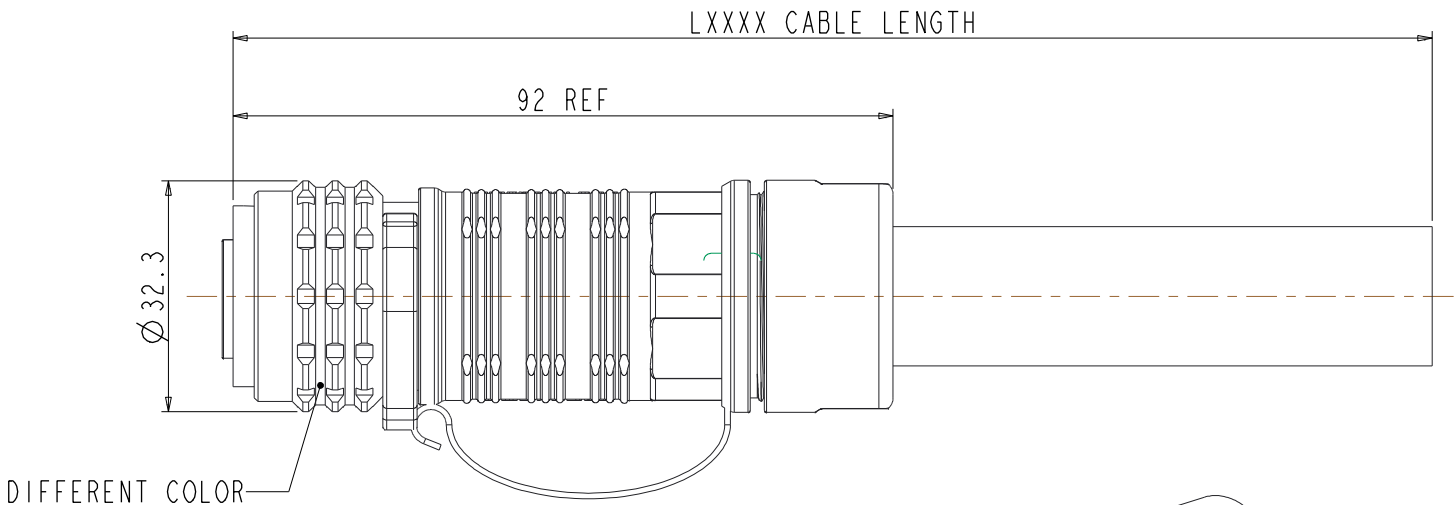
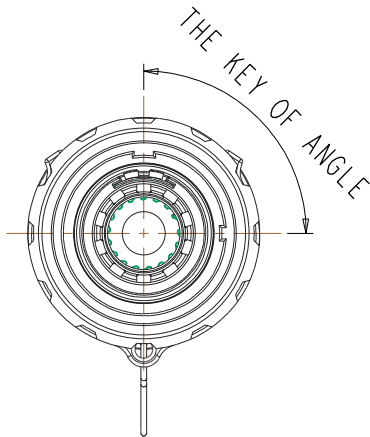


REV	ECN	DESCRIPTION	DATE	MODIFIED
A		PRE-RELEASE	2016.03.25	SEVN.TAO

CUSTOMER DRAWING



HOW TO ORDER THE PLUG

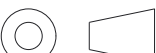
HVBI7-05R10-XFCX-XX-FGXXLXXXX
1 2 3 4 5

- 1.HVIL CODE:
A:WITH HVIL
B:WITHOUT HVIL
- 2.ANGLE
- 3.COLOR
- 4.CABLE SIZE :
70:70MM^2 CABLE (OD DEMAND 18.5 TO 20MM)
50:50MM^2 CABLE (OD DEMAND 16 TO 17.5MM)
- 5.LXXXX:CABLE LENGTH(MM)

TECHNICAL DATA	
CURRENT RATE(70MM^2 CABLE)	UP TO 250A
CURRENT RATE(50MM^2 CABLE)	UP TO 180A
UL RATING VOLTAGE (OVERVOLTAGE CATEGORY II POLLUTION DEGREE 2)	1000V DC
OPERATING TEMPERATURE	-40~125°C
DIELECTRIC WITHSTANDING VOLTAGE	3000V AC
INSULATION RESISTANCE	2000MΩ MIN. 25°C, NO CABLE
DURABILITY	200 CYCLES
SHIELDING	YES
WATERPRROF(MATED CONDITION)	IP 67
PROTECTION LEVEL	IP2XB
AMBIENT TEMPERATURE	-40~70°C

WIHT HVIL		
P/N	DESCRIPTION	
	KEY OF ANGLE	COLOR
HVBI7-05R10-AFCA-RD-FG-XXL0000	30°	RED
HVBI7-05R10-AFCB-BK-FG-XXL0000	60°	BLACK
HVBI7-05R10-AFCC-YL-FG-XXL0000	90°	YELLOW
HVBI7-05R10-AFCD-GR-FG-XXL0000	120°	GREEN
HVBI7-05R10-AFCE-BL-FG-XXL0000	150°	BLUE
HVBI7-05R10-AFCF-PU-FG-XXL0000	180°	PURPLE

WIHTOUT HVIL		
P/N	DESCRIPTION	
	KEY OF ANGLE	COLOR
HVBI7-05R10-BFCA-RD-FG-XXL0000	30°	RED
HVBI7-05R10-BFCB-BK-FG-XXL0000	60°	BLACK
HVBI7-05R10-BFCC-YL-FG-XXL0000	90°	YELLOW
HVBI7-05R10-BFCD-GR-FG-XXL0000	120°	GREEN
HVBI7-05R10-BFCE-BL-FG-XXL0000	150°	BLUE
HVBI7-05R10-BFCF-PU-FG-XXL0000	180°	PURPLE

DIMENSIONS	TOLERANCES	PROJECTION	Amphenol Pcd Shenzhen		TITLE			
ANSI Y14.5M	.X ±0.3		ENGR SEVN.TAO 2016.03.25		HVBI-R10 STRAIGHT PLUG			
UNITS: MM	.XX ±0.20							
Pro/E FILE	ANGLES ±0.5°							
ORIGINAL NOT FOR CUSTOMER DISTRIBUTION	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF AMPHENOL PCD SHENZHEN		CHKD	SIZE	DWG NO.		REV	
			APPD	A3	HVBI7-05R10-XFCX-XX-FG-XXLXXXX		A	
				CODE: 58982	SCALE: 2:1	SHEET 1 OF 1		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[HVBI705R10AFCARDFG70L0000](#)