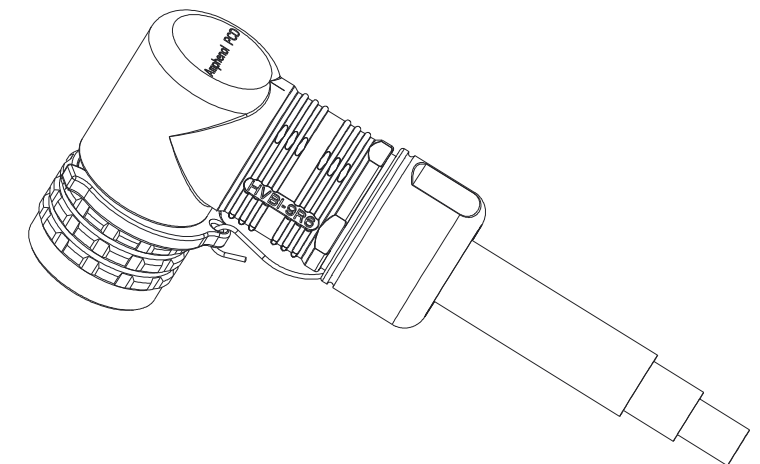
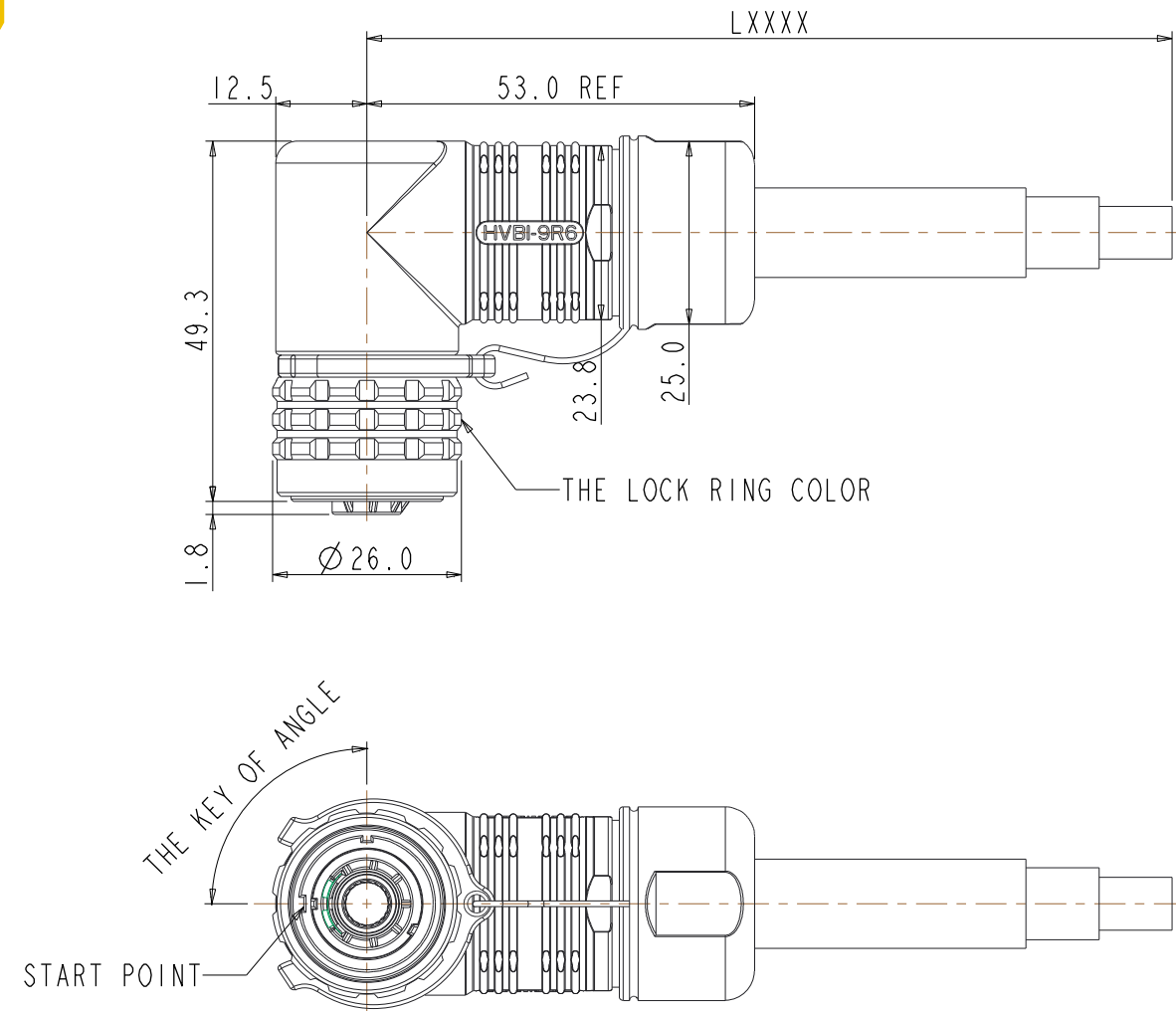
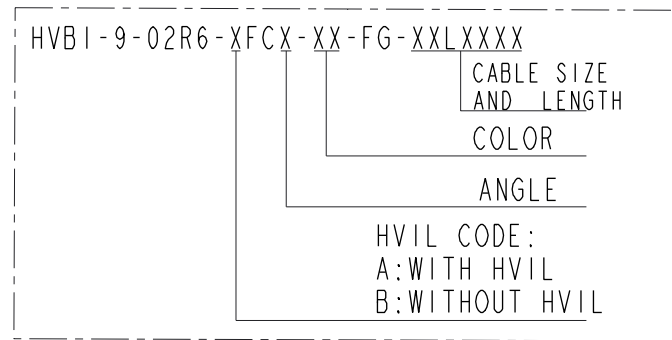


CUSTOMER DRAWING

HVBI-9-02R6-XFCX-XX-FGXXLXXXX

REV	ECN	DESCRIPTION	DATE	MODIFIED
C		UPDATE	2016.06.07	ROY.QU

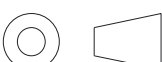


SCOPE OF CABLE OUTSIDE DIAMETER	
SIZE	OUTSIDE DIAMETER
25MM ² WITH SHIELD	11.5~13.0 MM
20MM ² WITH SHIELD	11.0~12.0 MM
16MM ² WITH SHIELD	10.9~12.0 MM

WIHT HVIL		
P/N	DESCRIPTION	
	KEY OF ANGLE	LOCK RING COLOR
HVBI-902R6-AFCA-RD-FG-25L0000	30°	RED
HVBI-902R6-AFCB-BK-FG-25L0000	60°	BLACK
HVBI-902R6-AFCC-YL-FG-25L0000	90°	YELLOW
HVBI-902R6-AFCD-GR-FG-25L0000	120°	GREEN
HVBI-902R6-AFCE-BL-FG-25L0000	150°	BLUE
HVBI-902R6-AFCF-PU-FG-25L0000	180°	PURPLE

WIHTOUT HVIL		
P/N	DESCRIPTION	
	KEY OF ANGLE	LOCK RING COLOR
HVBI-902R6-BFCA-RD-FG-25L0000	30°	RED
HVBI-902R6-BFCB-BK-FG-25L0000	60°	BLACK
HVBI-902R6-BFCC-YL-FG-25L0000	90°	YELLOW
HVBI-902R6-BFCD-GR-FG-25L0000	120°	GREEN
HVBI-902R6-BFCE-BL-FG-25L0000	150°	BLUE
HVBI-902R6-BFCF-PU-FG-25L0000	180°	PURPLE

TECHNICAL DATA	
CURRENT RATE(25MM ² CABLE)	UP TO 120A
CURRENT RATE(20MM ² CABLE)	UP TO 100A
CURRENT RATE(16MM ² CABLE)	UP TO 80A
UL RATING VOLTAGE (OVERVOLTAGE CATEGORY II POLLUTION DEGREE 2)	1000V DC
OPERATING TEMPERATURE	-40~125°C
DIELECTRIC WITH STANDING VOLTAGE	3000V AC
INSULATION RESISTANCE	2000M Ω MIN. 25°C, NO CABLE
DURABILITY	200 CYCLES
SHIELDING	YES
WATERPRROF(MATED CONDITION)	IP 67
PROTECTION LEVEL	IP2XB
AMBIENT TEMPERATURE	-40~70°C

DIMENSIONS		TOLERANCES		PROJECTION	Amphenol Pcd Shenzhen					TITLE						
ANSI Y14.5M		.X ±0.3								HVBI-9R6 PLUG						
UNITS: MM		.XX ±0.10														
Pro/E FILE		ANGLES ±0.5°			ENGR											
					ROY.QU 2016.06.07											
ORIGINAL NOT FOR CUSTOMER DISTRIBUTION					CHKD					SIZE		DWG NO.			REV	
					APPD					A3		HVBI-9-02R6-XFCX-XX-FGXXLXXXX			C	
										CODE: 58982		SCALE: 2:1		SHEET 1 OF 1		

HVBI-9-02R6-XFCX-XX-FGXXLXXXX

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