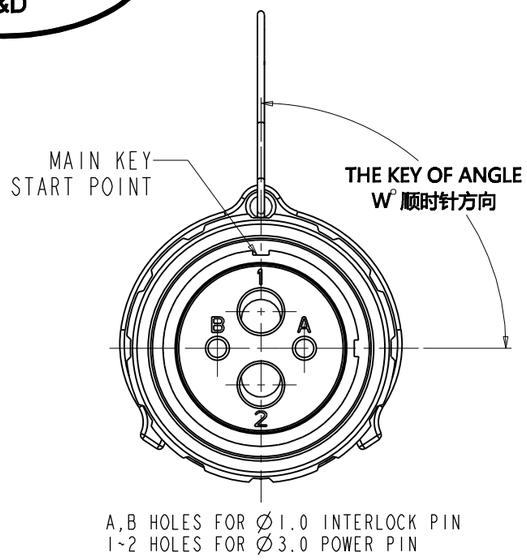
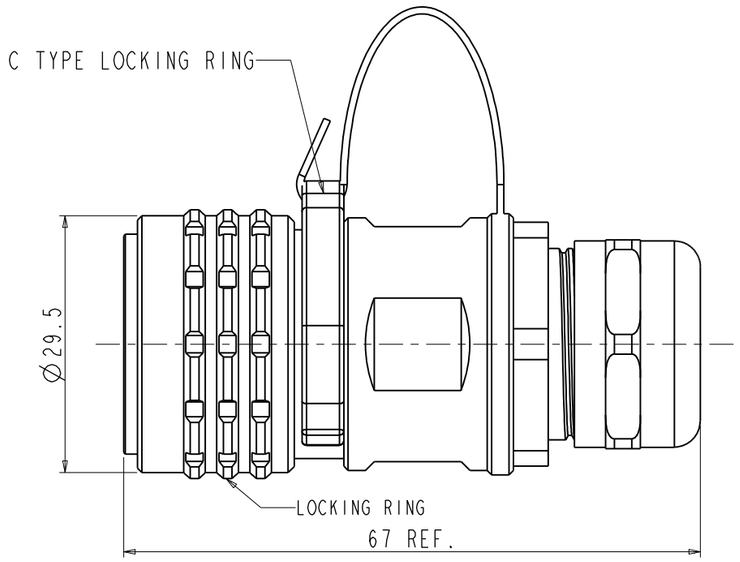
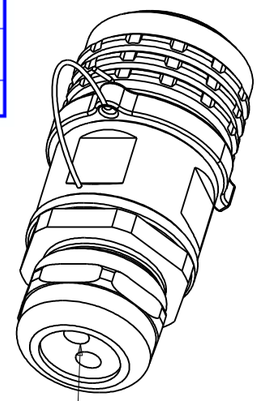
Amphenol PCDSZ
ORIGINAL
PDF Format
R&D





安费诺精密连接器(深圳)有限公司
Amphenol PCD Shenzhen
受 控 文 件
2018 年2月5日



C-HVG1P402FCXXX2DXL0000

NOTES:
1. FINISHED PRODUCT DOES HAVE NOT THE PIN, NEED TO BUY SEPARATE.
2. THE POWER PIN P/N FOR 4MM^2 CABLE: HVG30F4 OR HVG30FS4, USE LEVEL: 2PCS
   THE POWER PIN P/N FOR 2.5MM^2 CABLE: HVG30F2 OR HVG30FS2, USE LEVEL: 2PCS
3. THE INTERLOCK PIN P/N: HVG20F1, USE LEVEL: 2PCS
4. WIHT C TYPE LOCK RING AND DUST CAP.
5. TORQUE: 5~8N*M
6. THE SCOPE OF CABLE OD=∅3.0~∅4.5
7. TECHNICAL DATA TABLE

CURRENT RATE (4mm^2 CABLE)	32A @ AMBIENT 70° C	✦
CURRENT RATE (2.5mm^2 CABLE)	23A @ AMBIENT 70° C	✦
UL RATING VOLTAGE (OVERVOLTAGE CATEGORY II POLLUTION DEGREE 2)	800V DC	✦
OPERATING TEMPERATURE	-40~125° C	
DIELECTRIC WITH STANDING VOLTAGE	3000V AC	✦
INSULATION RESISTANCE	2000MΩ MIN. 25° C, NO CABLE	✦
DURABILITY	500 CYCLES	◎
SHIELDING	YES	◎
WATERPRROF (MATED CONDITION)	IP 67	✦
AMBIENT TEMPERATURE	-40~70° C	
TECHNICAL DESCRIPTION	TECHNICAL DATA	FEATURE

8. PART NUMBER DESCRIPTION:

HVG1P402FC XXX 2D X L0000

② KEY OF CODING OPTION
NO CODE: NO KEY & BLACK(w° =0°)
X : KEY X & BLACK(w° =270°)
Y : KEY Y & BLACK(w° =315°)
Z : KEY Z & BLACK(w° =90°)
W : KEY W & BLACK(w° =45°)
XRD: KEY X & RED(w° =270°)
YYL: KEY Y & YELLOW(w° =315°)
ZBL: KEY Z & BLUE(w° =90°)
WGR: KEY W & GREEN(w° =45°)

CABLE SIZE OPTION
2: 2.5mm^2 CABLE USE HVG30F2 OR HVG30FS2, USE LEVEL: 2PCS
4: 4.0mm^2 CABLE USE HVG30F4 OR HVG30FS4, USE LEVEL: 2PCS

ANGLE CODE	ANGLE OF KEY(W°)	COLOR CODE	COLOR OF LOCKING RING	P/N(FOR EXAMPLE)
NO CODE	0°	NO CODE	BLACK	HVG1P402FC 2D X L0000
X	270°	RD	RED	HVG1P402FC XRD 2D X L0000
Y	315°	YL	YELLOW	HVG1P402FC YYL 2D X L0000
Z	90°	BL	BLUE	HVG1P402FC ZBL 2D X L0000
W	45°	GR	GREEN	HVG1P402FC WGR 2D X L0000
X	270°	NO CODE	BLACK	HVG1P402FC X 2D X L0000
Y	315°			HVG1P402FC Y 2D X L0000
Z	90°			HVG1P402FC Z 2D X L0000
W	45°			HVG1P402FC W 2D X L0000

9. SCOPE OF INNER UNSHIELD CABLE OUTSIDE DIAMETER :
   2.5 &4.0 mm^2 OD 4.5 Max.
   INTERLOCK CABLE OD 2.5 Max.(0.5~0.75mm^2 CABLE)

DIMENSIONS	TOLERANCES	PROJECTION		TITLE
ANSI Y14.5M UNITS: MM Pro/E FILE	.X ±0.5 .XX ±0.05 ANGLES ±0.5°		ENGR	TWO CORE PLUG ASSEMBLY WITH INTERLOCK
ORIGINAL NOT FOR CUSTOMER DISTRIBUTION	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF AMPHENOL PCD SHENZHEN		CHKD APPD	SIZE A3 · PART NO. C-HVG1P402FCXXX2DXL0000 · REV 2 CODE: 58982 · SCALE: 2:1 · SHEET 1 OF 1

C-HVG1P402FCXXX2DXL0000