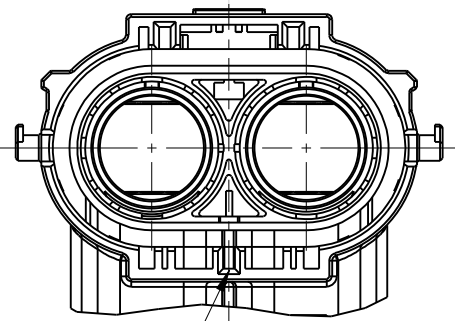
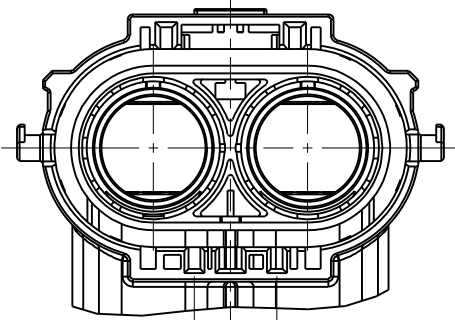


Amphenol PCDSZ
ORIGINAL
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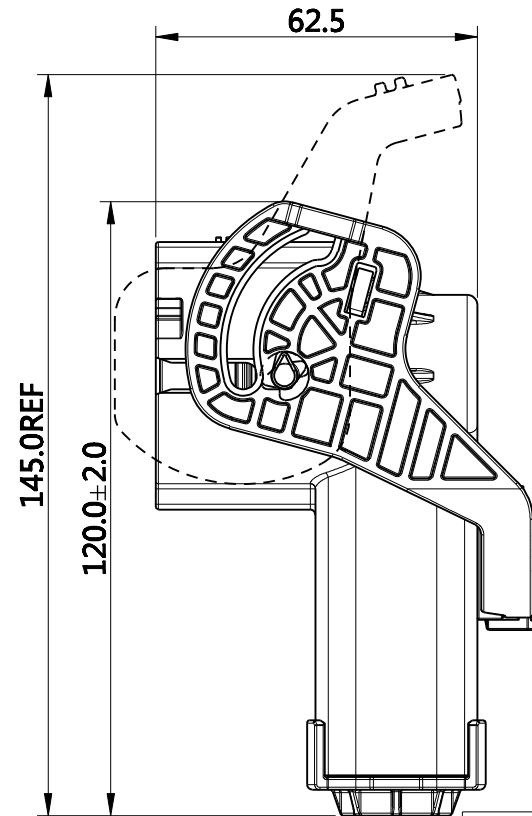
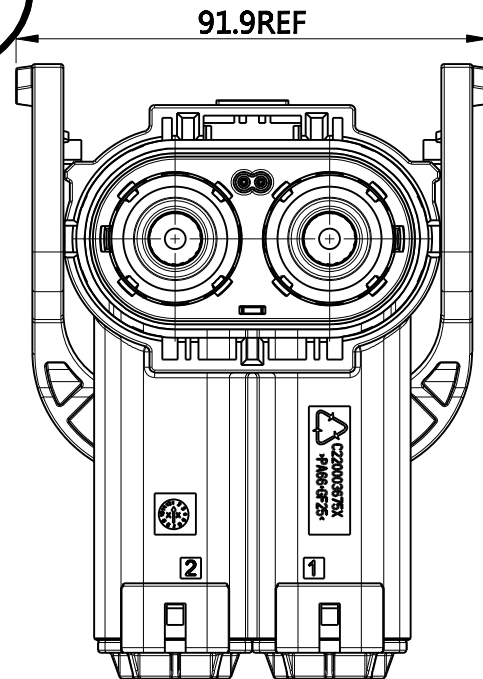
KEYWAY 0

HVSL 1000 08 2 A X XX
CODING A



7 9

HVSL 1000 08 2 B X XX
CODING B



REV	ECN	DESCRIPTION	DATE	MODIFIED
1		PRE-RELEASE	17/11/15	Robin Yuan
2		ADD DIAGRAM	20/07/18	Celine.xie
3	R3472N	ADD DIMENSIONING CHILD PAETS	18/07/19	Celine.xie

3. TECHNICAL DATA

TECHNICAL DATA		RM
CURRENT RATE 25~70MM ² SHIELD CABLE	25mm ² :120A @AMBIENT 70° C 35mm ² :150A @AMBIENT 70° C 50mm ² :180A @AMBIENT 70° C 70mm ² :250A @AMBIENT 70° C	+
RATING VOLTAGE (OVERVOLTAGE CATEGORY II POLLUTION DEGREE 2)	1000V DC	+
OPERRATING TEMPERATURE	-40-125° C	
DIELECTRIC WITHSTANDING VOLTAGE	3000V AC	+
INSULATION RESISTANCE	100 MΩ Min	+
DURABILITY	50 CYCLES	◎
SHIELDING	YES	
WATERPRROF (MATED CONDITION)	IP67&IP6K9K	+
PROTECTION LEVEL	IP2XB	+
AMBIENT TEMPERATURE	40~70° C	
RoHS	YES	+

NOTES:

1. MATERIAL & FINISH:

PLASTIC BODY: THERMOPLASTICS ORANGE COLOR
POWER CONTACT: COPPER ALLOY SILVER PLATED
HVIL CONTACTS: COPPER ALLOY GOLD PLATED
SEAL RING: SI

2. HVIL PIN FOR CABLE DIAMETER:0.5mm2

3. TECHNICAL DATA SHEET:APCD-TD-409

4. PART NUMBER DESCRIPTION:

HVSL 1000 08 2 X X XX

A: CODING A
B: CODING B

0: WITHOUT HVIL
1: WITH HVIL

70: CROSS-SECTION 70mm²: WIRE OD=19.0 ± 0.3mm

50: CROSS-SECTION 50mm²: WIRE OD=16.5 ± 0.3mm

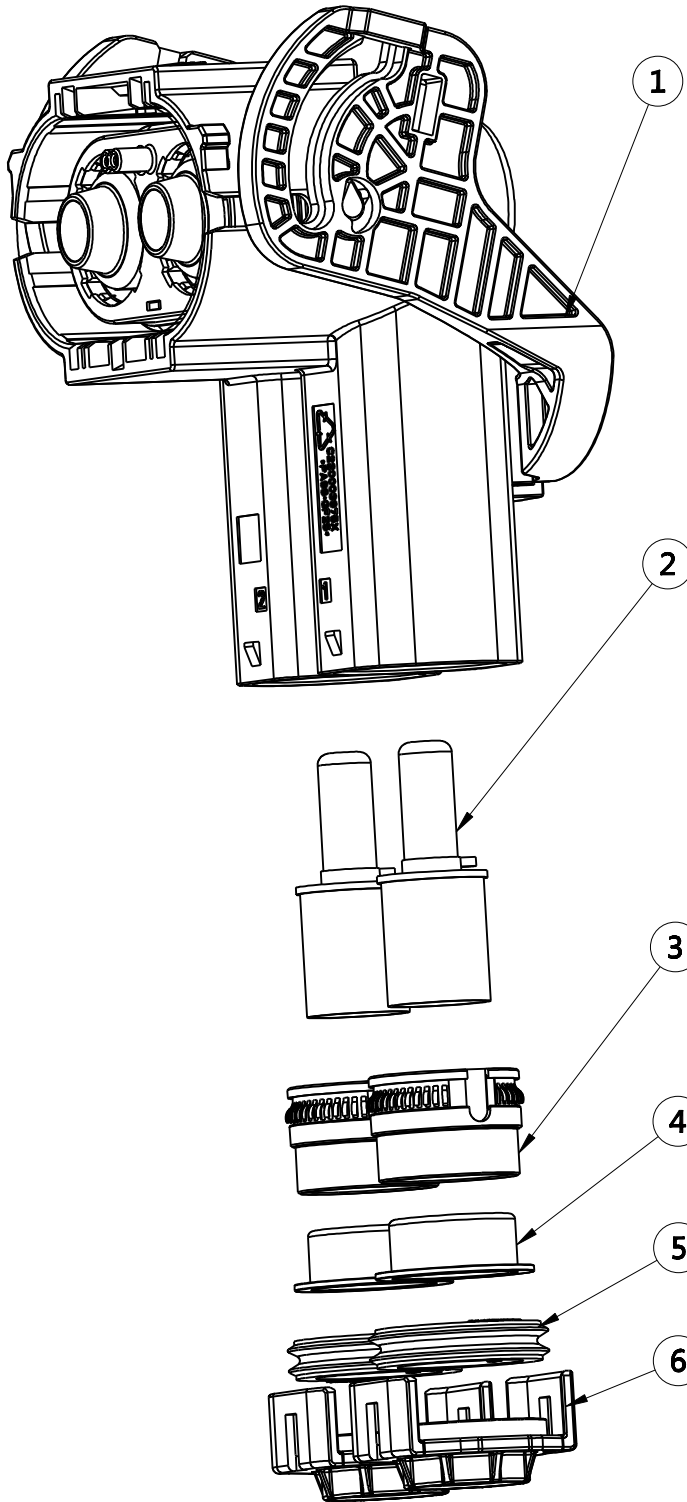
35: CROSS-SECTION 35mm²:WIRE OD=14.2 ± 0.3mm

25: CROSS-SECTION 25mm²:WIRE OD=11.9 ± 0.3mm

DIMENSIONS	TOLERANCES	PROJECTION	TITLE		
ANSI Y14.5M UNITS: MM Pro/E FILE	.X ±0.5 .XX ±0.05 ANGLES ±2.0°		HVSL 1000 08 2 X X XX R/A PLUG ASSEMBLY		
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF AMPHENOL PCD SHENZHEN	Amphenol Pcd Shenzhen			
		ENGR			
		Robn Yuan	17/11/15		
		CHKD			
		APPD	SIZE	DWG NO.	REV
			A3	C-HVSL1000082XXXX	3
			CODE: 58982	SCALE:	SHEET 1 OF 3

+ CRITICAL CHARACTERISTIC MARKS/关键特性符号
© IMPORTANT CHARACTERISTIC MARKS/重要特性符号

Amphenol PCD
ORIGINAL
PDF Format
R&D



C-HVSL1000082XXXX

C-HVSL1000082XXXX

WITH INTERLOCK BOM:

HVSL1000082 X 1 XX "X"=A/B "XX"=25/35/50/70	6	C2200037254	2	70mm ²	END CAP(CABLE OD:19.0 ± 0.3mm)
		C2200037251	2	50mm ²	END CAP(CABLE OD:16.5 ± 0.3mm)
		C2200037252	2	35mm ²	END CAP(CABLE OD:14.2 ± 0.3mm)
		C2200037253	2	25mm ²	END CAP(CABLE OD:11.9 ± 0.3mm)
	5	C2700036044	2	70mm ²	CABLE SEAL(CABLE OD:19.0 ± 0.3mm)
		C2700036041	2	50mm ²	CABLE SEAL(CABLE OD:16.5 ± 0.3mm)
		C2700036042	2	35mm ²	CABLE SEAL(CABLE OD:14.2 ± 0.3mm)
		C2700036043	2	25mm ²	CABLE SEAL(CABLE OD:11.9 ± 0.3mm)
	4	C2000036321	2	70mm ²	INNER FERRULE(CABLE OD:19.0 ± 0.3mm)
		C2000036322	2	50mm ²	INNER FERRULE(CABLE OD:16.5 ± 0.3mm)
		C2000036323	2	35mm ²	INNER FERRULE(CABLE OD:14.2 ± 0.3mm)
		C2000036324	2	25mm ²	INNER FERRULE(CABLE OD:11.9 ± 0.3mm)
	3	C4200036331	2	70mm ²	OUT FERRULE(CABLE OD:19.0 ± 0.3mm)
		C4200036332	2	50mm ²	OUT FERRULE(CABLE OD:16.5 ± 0.3mm)
		C4200036333	2	35mm ²	OUT FERRULE(CABLE OD:14.2 ± 0.3mm)
		C4200036333	2	25mm ²	OUT FERRULE(CABLE OD:11.9± 0.3mm)
	2	C2000036311	2	70mm ²	CONTACT BODY
		C2000036312	2	50mm ²	
		C2000036313	2	35mm ²	
		C2000036314	2	25mm ²	
	1	HVSL1000082X1	1	KEYS	MAIN BODY & WITH HVIL
ITEM		P/N	Q'ty	REMARK	DESCRIPTION

HVSL1000082X1 SELECTION:

HVSL1000082A1	KEY A
HVSL1000082B1	KEY B

C-HVSL1000082XXXX

WITHOUT INTERLOCK BOM:

HVSL1000082 X 0 XX "X"=A/B "XX"=25/35/50/70	6	C2200037254	2	70mm ²	END CAP(CABLE OD:19.0 ± 0.3mm)
		C2200037251	2	50mm ²	END CAP(CABLE OD:16.5 ± 0.3mm)
		C2200037252	2	35mm ²	END CAP(CABLE OD:14.2 ± 0.3mm)
		C2200037253	2	25mm ²	END CAP(CABLE OD:11.9 ± 0.3mm)
	5	C2700036044	2	70mm ²	CABLE SEAL(CABLE OD:19.0 ± 0.3mm)
		C2700036041	2	50mm ²	CABLE SEAL(CABLE OD:16.5 ± 0.3mm)
		C2700036042	2	35mm ²	CABLE SEAL(CABLE OD:14.2 ± 0.3mm)
		C2700036043	2	25mm ²	CABLE SEAL(CABLE OD:11.9 ± 0.3mm)
	4	C2000036321	2	70mm ²	INNER FERRULE(CABLE OD:19.0 ± 0.3mm)
		C2000036322	2	50mm ²	INNER FERRULE(CABLE OD:16.5 ± 0.3mm)
		C2000036323	2	35mm ²	INNER FERRULE(CABLE OD:14.2 ± 0.3mm)
		C2000036324	2	25mm ²	INNER FERRULE(CABLE OD:11.9 ± 0.3mm)
	3	C4200036331	2	70mm ²	OUT FERRULE(CABLE OD:19.0 ± 0.3mm)
		C4200036332	2	50mm ²	OUT FERRULE(CABLE OD:16.5 ± 0.3mm)
		C4200036333	2	35mm ²	OUT FERRULE(CABLE OD:14.2 ± 0.3mm)
		C4200036333	2	25mm ²	OUT FERRULE(CABLE OD:11.9± 0.3mm)
	2	C2000036311	2	70mm ²	CONTACT BODY
		C2000036312	2	50mm ²	
		C2000036313	2	35mm ²	
		C2000036314	2	25mm ²	
	1	HVSL1000082X0	1	KEYS	MAIN BODY & WITHOUT HVIL
	ITEM	P/N	Q'ty	REMARK	DESCRIPTION

HVSL1000082X0 SELECTION:

HVSL1000082A0	KEY A
HVSL1000082B0	KEY B