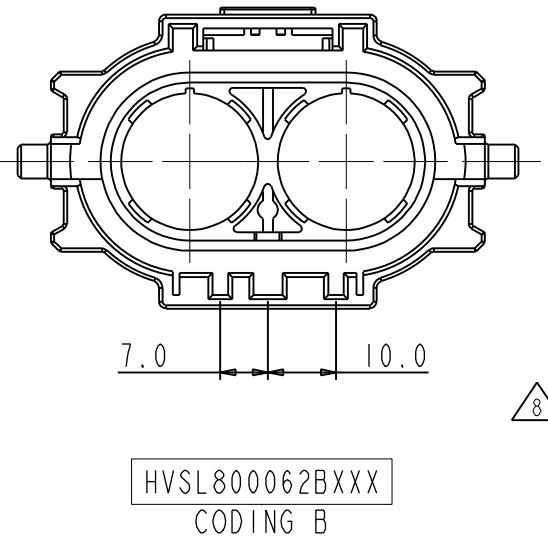
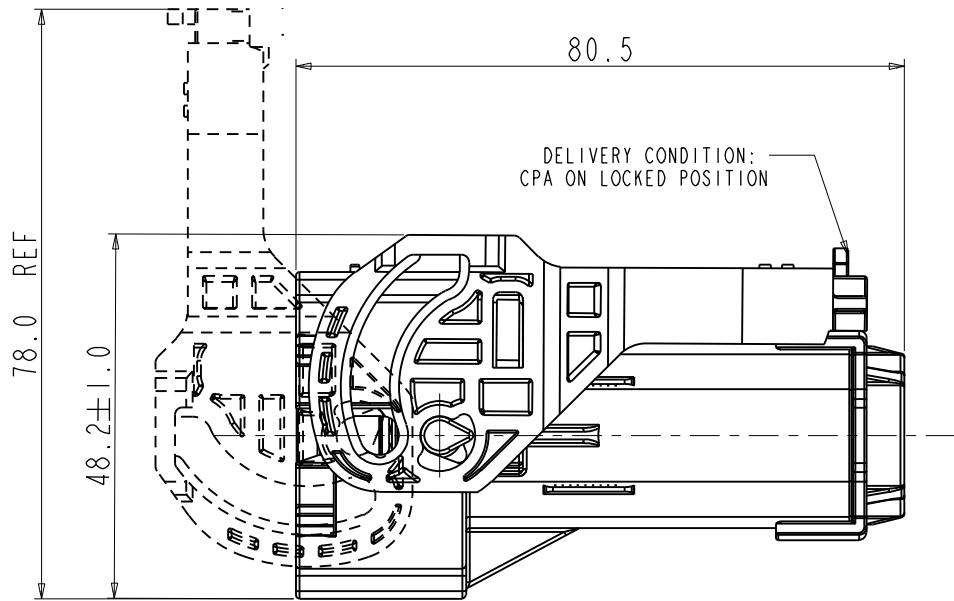
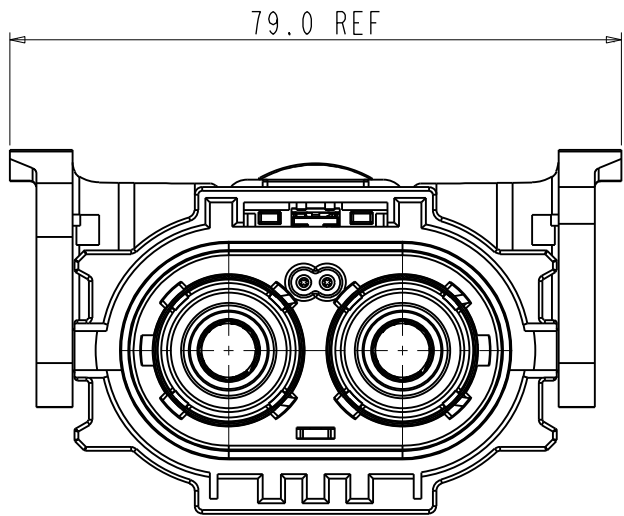
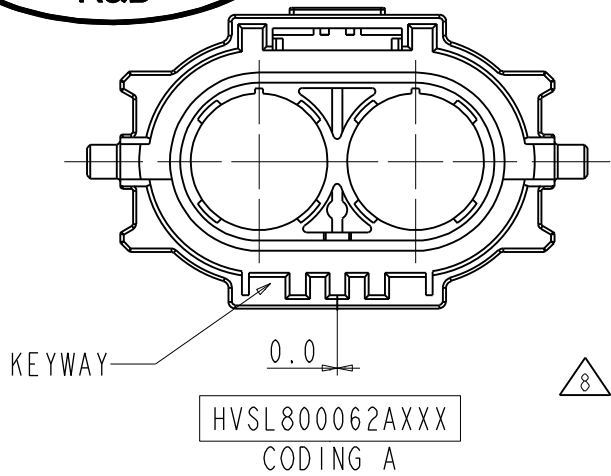


Amphenol PCD SZ
ORIGINAL
PDF Format
R&D

REV	ECN	DESCRIPTION	DATE	MODIFIED
5	R3345-N	Add new specifications	2019.06.17	Dick.Rao
6	R3754-N	Add new specifications	2019.10.21	Dick.Rao
7	R4578-N	UPDATE	2020.07.17	Dick.Rao
8	R0945I	ADJUST THE KEY STRUCTURE	2025.08.22	Flame



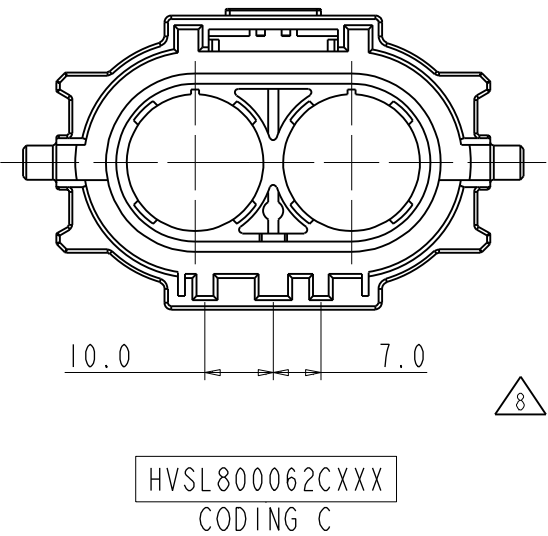
- NOTES:
- MATERIAL & FINISH:
PLASTIC BODY: THERMOPLASTICS ORANGE COLOR
POWER CONTACT: COPPER ALLOY SILVER PLATED
SEAL RING: SI
 - PART NUMBER DESCRIPTION:

HVSL 800 06 2 X X XX

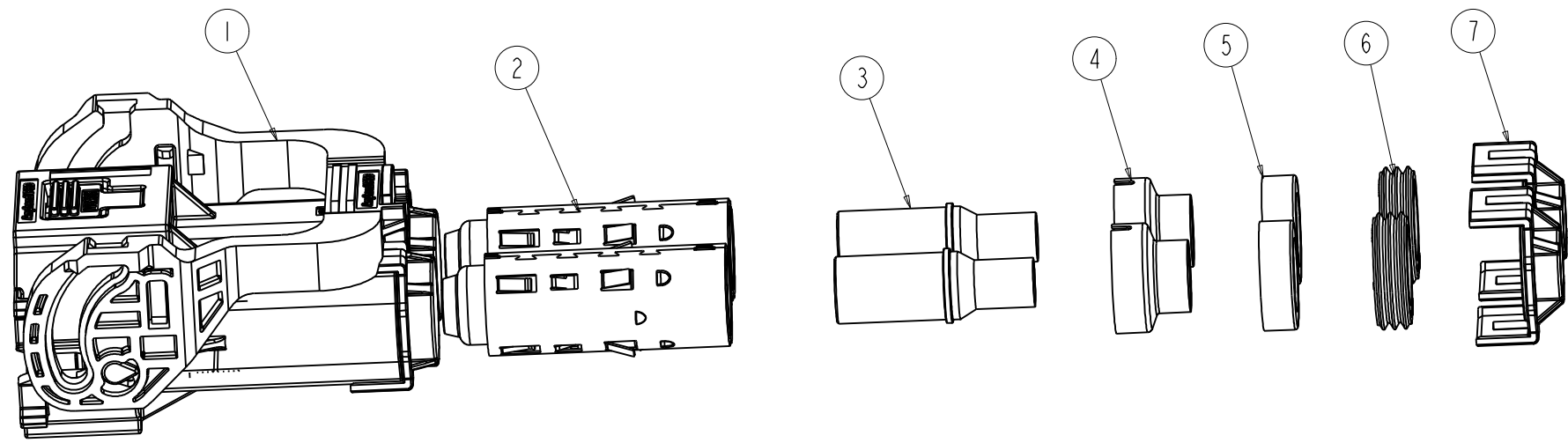
- A: CODING A
B: CODING B
C: CODING C
- 0: WITHOUT HVIL
1: WITH HVIL
- 50: CROSS-SECTION 50mm²
WIRE OD=16.5 ± 0.3mm
- 35: CROSS-SECTION 35mm²
WIRE OD=14.2 ± 0.3mm
- 25: CROSS-SECTION 25mm²
WIRE OD=11.9 ± 0.3mm
- 01: CROSS-SECTION 25mm²
WIRE OD=13.5 ± 0.3mm
- 02: CROSS-SECTION 50mm²
WIRE OD=15.5 ± 0.3mm

3. TECHNICAL DATA TABLE

CURRENT RATE 50mm ² CABLE	180A @ AMBIENT 70°C	+
CURRENT RATE 35mm ² CABLE	150A @ AMBIENT 70°C	+
CURRENT RATE 25mm ² CABLE	120A @ AMBIENT 70°C	+
RATING VOLTAGE (OVERVOLTAGE CATEGORY II POLLUTION DEGREE 2)	1000V DC	+
OPERATING TEMPERATURE	-40~125°C	
DIELECTRIC WITHSTANDING VOLTAGE	3000V AC (RMS)	+
INSULATION RESISTANCE	100MΩ MIN.25°C	+
DURABILITY	50 CYCLES	◎
SHIELDING	YES	
WATERPROOF(MATED CONDITION)	IP67 IP6K9K	+
PROTECTION LEVEL	IP2XB	+
AMBIENT TEMPERATURE	-40~70°C	
RoHS	YES	+
TECHNICAL DESCRIPTION	TECHNICAL DATA	FEATURE



DIMENSIONS	TOLERANCES	PROJECTION	Amphenol PCD Shenzhen		TITLE			
ANSI Y14.5M	.X ±0.5		ENGR		HVSL 800 06 2 X X XX			
UNITS: MM	.XX ±0.05		Dick.Rao Aug-22-2025		PLUG ASSEMBLY			
Pro/E FILE	ANGLES ±2°							
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF Amphenol PCD Shenzhen Co. Ltd Amphenol PCD Shenzhen Co. Ltd RESERVES THE RIGHT TO CLARIFY THIS DRAWING		CHKD	Chason.Wang		SIZE	DWG NO.	REV
			APPD	Sevntao		A3	C-HVSL800062XXXX	8
					SCALE: 1:1		SHEET 1 OF 2	



4. ASSEMBLY AND DETAIL BOM LIST SHOW

HVSL800062X1XX	7	C4220036831	2	50mm ²	END CAP (WIRE OD=16.5±0.3)
		C4220036832	2	35mm ²	END CAP (WIRE OD=14.2±0.3)
		C4220036833	2	25mm ²	END CAP (WIRE OD=11.9±0.3)
		C4220036835	2	25mm ²	END CAP (WIRE OD=13.5±0.3)
		C4220036836	2	50mm ²	END CAP (WIRE OD=15.5±0.3)
	6	C4270036451	2	50mm ²	SEAL (WIRE OD=16.5±0.3)
		C4270036452	2	35mm ²	SEAL (WIRE OD=14.2±0.3)
		C4270036453	2	25mm ²	SEAL (WIRE OD=11.9±0.3)
		P03BR00141	2	25mm ²	SEAL (WIRE OD=13.5±0.3)
		P03BR00197	2	50mm ²	SEAL (WIRE OD=15.5±0.3)
	5	C4220058231	2	50mm ²	BAFFLE
		C4220058232	2	35mm ²	
		C4220058233	2	25mm ²	
	4	C4310036371	2	50mm ²	OUT FERRULE (WIRE OD=16.5±0.3)
		C4310036372	2	35mm ²	OUT FERRULE (WIRE OD=14.2±0.3)
		C4310036373	2	25mm ²	OUT FERRULE (WIRE OD=11.9±0.3)
		C4310036374	2	50mm ²	OUT FERRULE (WIRE OD=15.5±0.3)
	3	C4200036391	2	50mm ²	SOCKRT CONTACT BODY
		C4200036392	2	35mm ²	
		C4200036393	2	25mm ²	
	2	C431003634	2	N/A	SHIELDING COMPONENT
	1	HVSL800062X1	1	N/A	MAIN BODY A & WITH HVIL
	ITEM	P/N	Q'ty	CABLE SIZE	DESCRIPTION

HVSL800062X1 SELECTION:

MAIN BODY P/N	KEY X
HVSL800062A1	KEY A
HVSL800062B1	KEY B
HVSL800062C1	KEY C

HVSL800062X0XX	7	C4220036831	2	50mm ²	END CAP (WIRE OD=16.5±0.3)
		C4220036832	2	35mm ²	END CAP (WIRE OD=14.2±0.3)
		C4220036833	2	25mm ²	END CAP (WIRE OD=11.9±0.3)
		C4220036835	2	25mm ²	END CAP (WIRE OD=13.5±0.3)
		C4220036836	2	50mm ²	END CAP (WIRE OD=15.5±0.3)
	6	C4270036451	2	50mm ²	SEAL (WIRE OD=16.5±0.3)
		C4270036452	2	35mm ²	SEAL (WIRE OD=14.2±0.3)
		C4270036453	2	25mm ²	SEAL (WIRE OD=11.9±0.3)
		P03BR00141	2	25mm ²	SEAL (WIRE OD=13.5±0.3)
		P03BR00197	2	50mm ²	SEAL (WIRE OD=15.5±0.3)
	5	C4220058231	2	50mm ²	BAFFLE
		C4220058232	2	35mm ²	
		C4220058233	2	25mm ²	
	4	C4310036371	2	50mm ²	OUT FERRULE (WIRE OD=16.5±0.3)
		C4310036372	2	35mm ²	OUT FERRULE (WIRE OD=14.2±0.3)
		C4310036373	2	25mm ²	OUT FERRULE (WIRE OD=11.9±0.3)
		C4310036374	2	50mm ²	OUT FERRULE (WIRE OD=15.5±0.3)
	3	C4200036391	2	50mm ²	SOCKRT CONTACT BODY
		C4200036392	2	35mm ²	
		C4200036393	2	25mm ²	
	2	C431003634	2	N/A	SHIELDING COMPONENT
	1	HVSL800062X0	1	N/A	MAIN BODY A & WITHOUT HVIL
	ITEM	P/N	Q'ty	CABLE SIZE	DESCRIPTION

HVSL800062X0 SELECTION:

MAIN BODY P/N	KEY X
HVSL800062A0	KEY A
HVSL800062B0	KEY B
HVSL800062C0	KEY C

SIZE	DWG NO.	REV
A3	C-HVSL800062XXXX	8
SCALE: 1:1		SHEET 2 OF 2