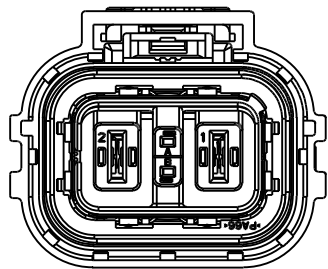
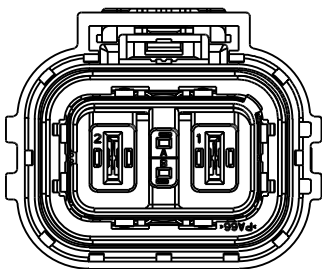


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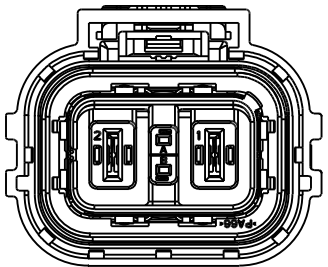
KEY C

C-HVSL630 06 2 C X XX XX



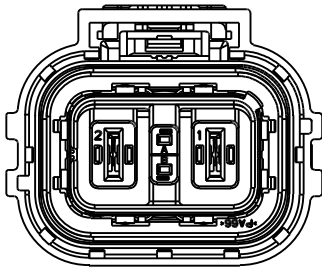
KEY A

C-HVSL630 06 2 A X XX XX



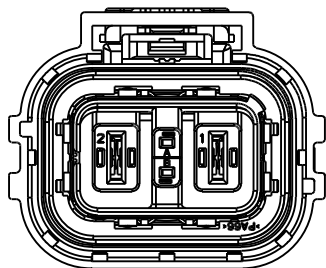
KEY D

C-HVSL630 06 2 D X XX XX



KEY B

C-HVSL630 06 2 B X XX XX



KEY E

C-HVSL630 06 2 E X XX XX

NOTES:

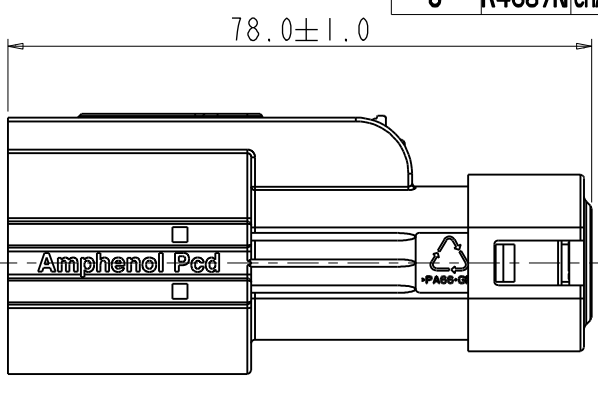
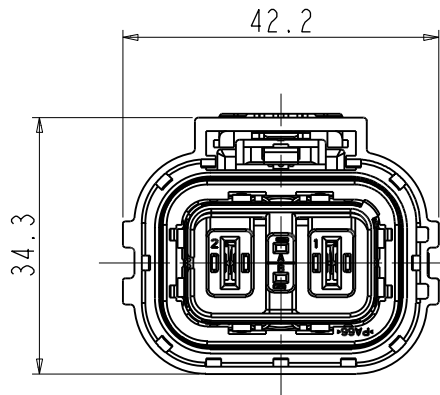
1. MATERIAL & FINISH:

PLASTIC BODY: THERMOPLASTICS PA66+GF25 ORANGE COLOR
POWER CONTACTS: COPPER ALLOY WITH TIN PLATED
HVIL CONTACTS: COPPER ALLOY WITH TIN PLATED
SHIELD: COPPER ALLOY WITH TIN PLATED
SEAL: SILICONE

2. PART NUMBER DESCRIPTION:

HVSL 630 06 2 X X XX XX

CODE:	HVIL:	WIRE SIZE:	CABLE OD:
A: CODING A	0: WITHOUT HVIL	04: 4mm ²	10: 10±0.5mm
B: CODING B	1: WITH HVIL	06: 6mm ²	11: 11±0.5mm
C: CODING C			12: 12±0.5mm
D: CODING D			13: 13+0/-0.5mm
E: CODING E			



4. TECHNICAL DATA TABLE

TECHNICAL DATA		
CURRENT RATING	HVIL CONTACT 5A(0.5~0.75mm ² :OUTSIDE DIAMETERØ1.4~1.9mm)	+
	POWER CONTACT 32A @ AMBIENT 70 (4mm ² CABLE) 40A @ AMBIENT 70 (6mm ² CABLE)	
UL RATING VOLTAGE (OVERVOLTAGE CATEGORY II POLLUTION DEGREE 2)	1000V DC	+
OPERATING TEMPERATURE	-40~125°C	
DIELECTRIC WITH STANDING VOLTAGE	3000V AC	+
INSULATION RESISTANCE	100MΩ MIN	+
DURABILITY	50 CYCLES	◎
SHIELDING	YES	
WATERPROOF(MATED CONDITION)	IP67&IP6K9K	+
PROTECTION LEVEL	IP2XB	+
AMBIENT TEMPERATURE	-40~70°C	
RoHS	YES	+

+ CRITICAL CHARACTERISTIC MARKS/关键特性符号

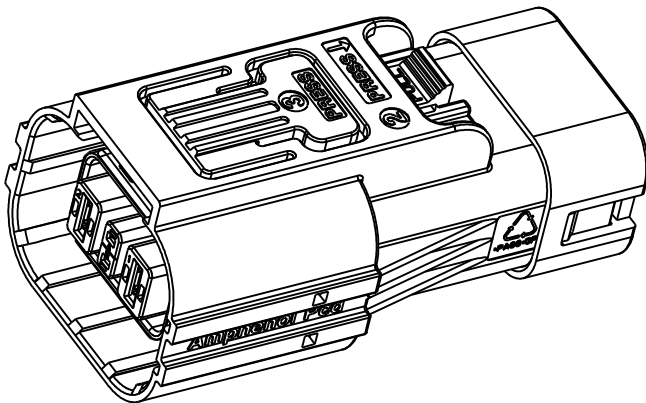
◎ IMPORTANT CHARACTERISTIC MARKS/重要特性符号

REV	ECN	DESCRIPTION	DATE	MODIFIED
A		RELEASE	18/07/19	Celine.xie
B		ADD KEY WAY	2017.6.20	Celine.xie
C		CHANGE THE NOTES	2017.10.16	Celine.xie
D		ADD CABLE TOLERANCE	2018.4.26	Celine.xie
E		INCREASE BOM	2018.6.22	Celine.xie
F	R3495N	CHANGE BOM LIST	2019.7.18	Celine.xie
G	C3899N	CHANGE THE POWER&HVIL PIN PN	2019.11.20	Celine.xie
H	R4025W	CHANGE THE FERRULE P/N	2019.11.20	Celine.xie
J	R4687N	CHANGE THE CURRENT AND RATING VOLTAGE	2020.8.26	Celine.xie

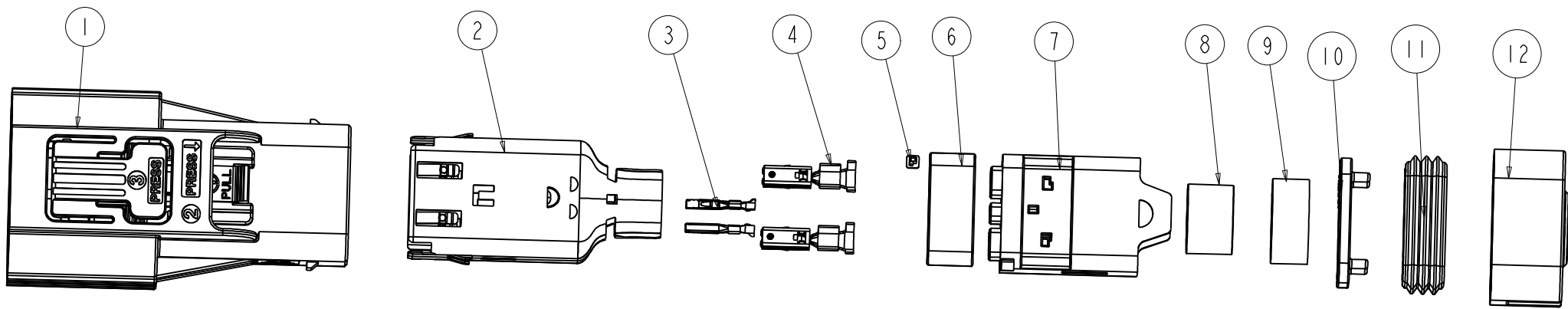
安费诺精密连接器(深圳)有限公司
Amphenol PCD Shenzhen

受 控 文 件

2020年9月17日



DIMENSIONS	TOLERANCES	PROJECTION	Amphenol PCD Shenzhen		TITLE HVSL630 PLUG ASSEMBLY				
ANSI Y14.5M	.X ±0.5		ENGR						
UNITS: MM	.XX ±0.05		Celine.xie 18/07/19						
Pro/E FILE	ANGLES ±2°				SIZE	DWG NO.		REV	
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF AMPHENOL PCD SHENZHEN		CHKD		A3	C-HVSL630062XXXXXX		J	
			APPD						
					CODE: 58982	SCALE: 1:1	SHEET 1 OF 3		



比例 4:5

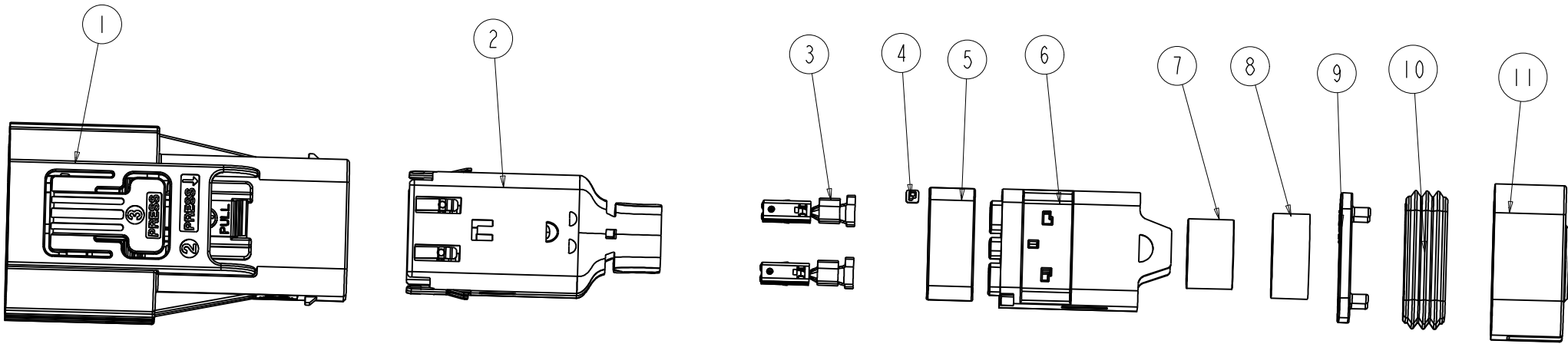
HVSL630 06 2 X I 04 10 HVSL630 06 2 X I 06 10	12	C220003620	END CAP	1
	11	C2700036072	CABLE SEAL(4mm2&6mm2)	1
	10	C220003622	SPACER	1
	9	P03BM00117	OUTER FERRULE	1
	8	P03BM00388	INNER FERRULE	1
	7	C220003653	INNER HOUSING	1
	6	C220003655	TPA 2	1
	5	C220003656	TPA I	1
	4	C310003623S	MAIN CONTACT(4mm2&6mm2)	2
	3	C310003614S	HVIL CONTACT (0.5~0.75mm2)	2
	2	C310003609	SHIELD	2
	1	HVSL63006X	PLUG (KEY A/B/C/D/E)	1

HVSL63006X SELECTION:

HVSL63006A	KEY A
HVSL63006B	KEY B
HVSL63006C	KEY C
HVSL63006D	KEY D
HVSL63006E	KEY E

HVSL630 06 2 X I 04 11 HVSL630 06 2 X I 06 11	12	C220003620	END CAP	1
	11	C2700036071	CABLE SEAL(4mm2&6mm2)	1
	10	C220003622	SPACER	1
	9	P03BM00117	OUTER FERRULE	1
	8	P03BM00388	INNER FERRULE	1
	7	C220003653	INNER HOUSING	1
	6	C220003655	TPA 2	1
	5	C220003656	TPA I	1
	4	C310003623S	MAIN CONTACT(4mm2&6mm2)	2
	3	C310003614S	HVIL CONTACT (0.5~0.75mm2)	2
	2	C310003609	SHIELD	2
	1	HVSL63006X	PLUG (KEY A/B/C/D/E)	1
ASSEMBLY P/N	ITEM	P/N	DESCRIPTION	Q'TY

HVSL630 06 2 X I 04 12 HVSL630 06 2 X I 06 12 HVSL630 06 2 X I 04 13 HVSL630 06 2 X I 06 13	12	C220003620	END CAP	1
	11	C270003607	CABLE SEAL(4mm2&6mm2)	1
	10	C220003622	SPACER	1
	9	P03BM00117	OUTER FERRULE	1
	8	P03BM00388	INNER FERRULE	1
	7	C220003653	INNER HOUSING	1
	6	C220003655	TPA 2	1
	5	C220003656	TPA I	1
	4	C310003623S	MAIN CONTACT(4mm2&6mm2)	2
	3	C310003614S	HVIL CONTACT (0.5~0.75mm2)	2
	2	C310003609	SHIELD	2
	1	HVSL63006X	PLUG (KEY A/B/C/D/E)	1
ASSEMBLY P/N	ITEM	P/N	DESCRIPTION	Q'TY



比例 4:5

HVSL630 06 2 X 0 04 10 HVSL630 06 2 X 0 06 10	11	C220003620	END CAP	1
	10	C2700036072	CABLE SEAL(4mm2&6mm2)	1
	9	C220003622	SPACER	1
	8	P03BM00117	OUTER FERRULE	1
	7	P03BM00388	INNER FERRULE	1
	6	C220003653	INNER HOUSING	1
	5	C220003655	TPA 2	1
	4	C220003656	TPA 1	1
	3	C310003623S	MAIN CONTACT(4mm2&6mm2)	2
	2	C310003609	SHIELD	2
	1	HVSL63006X	PLUG (KEY A/B/C/D/E)	1

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HVSL630 06 2 X 0 04 11 HVSL630 06 2 X 0 06 11	11	C220003620	END CAP	1
	10	C2700036071	CABLE SEAL(4mm2&6mm2)	1
	9	C220003622	SPACER	1
	8	P03BM00117	OUTER FERRULE	1
	7	P03BM00388	INNER FERRULE	1
	6	C220003653	INNER HOUSING	1
	5	C220003655	TPA 2	1
	4	C220003656	TPA 1	1
	3	C310003623S	MAIN CONTACT(4mm2&6mm2)	2
	2	C310003609	SHIELD	2
	1	HVSL63006X	PLUG (KEY A/B/C/D/E)	1
ASSEMBLY P/N	ITEM	P/N	DESCRIPTION	Q'TY

HVSL630 06 2 X 0 04 12 HVSL630 06 2 X 0 06 12 HVSL630 06 2 X 0 04 13 HVSL630 06 2 X 0 06 13	11	C220003620	END CAP	1
	10	C270003607	CABLE SEAL(4mm2&6mm2)	1
	9	C220003622	SPACER	1
	8	P03BM00117	OUTER FERRULE	1
	7	P03BM00388	INNER FERRULE	1
	6	C220003653	INNER HOUSING	1
	5	C220003655	TPA 2	1
	4	C220003656	TPA 1	1
	3	C310003623S	MAIN CONTACT(4mm2&6mm2)	2
	2	C310003609	SHIELD	2
	1	HVSL63006X	PLUG (KEY A/B/C/D/E)	1
ASSEMBLY P/N	ITEM	P/N	DESCRIPTION	Q'TY