

Amphenol PCD SZ
ORIGINAL
PDF Format
R&D

1. POWER CONTACT(9# PART) NEED TO BE PURCHASED SEPARATELY.
2. IF HVIL FUNCTIONALITY IS NOT REQUIRED, 10# PART
DO NOT NEED TO BE PURCHASED.(SUITABLE FOR PURCHASE
OF INDIVIDUAL PARTS)

HOW TO ORDER:

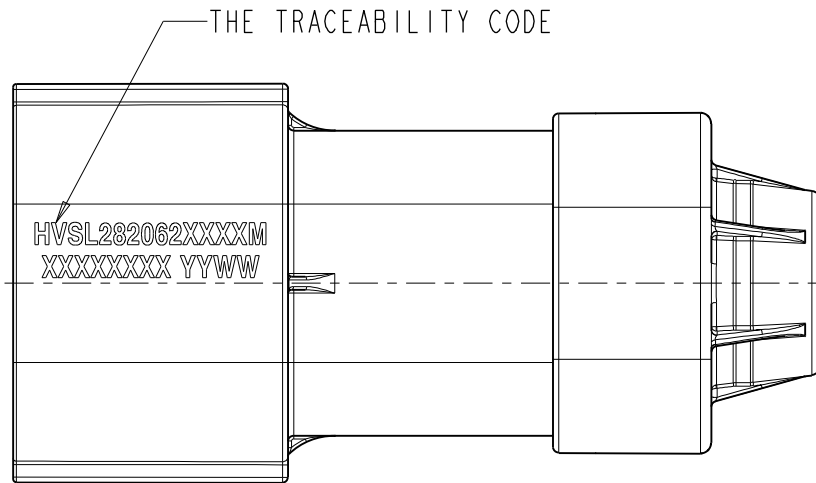
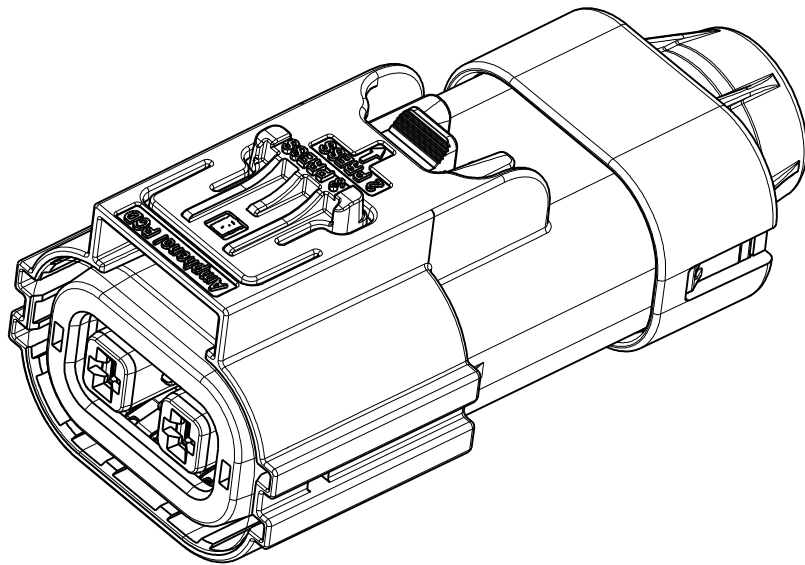
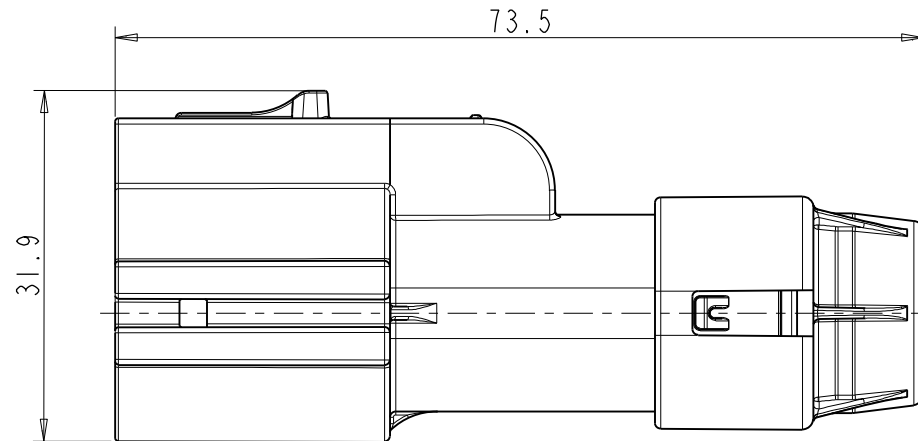
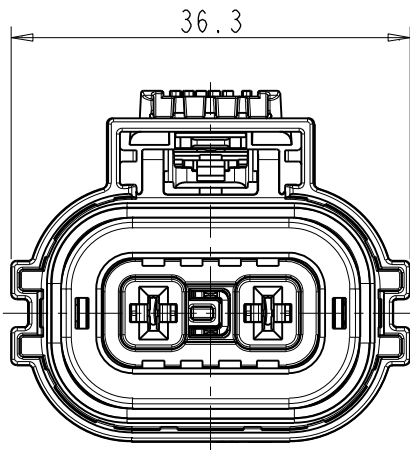
HVSL282062 X X XX M
M: MULTICORE CABLE

KEY CODE: HVIL CODE: 01: SHIELDING CABLE
A: KEY A 0: WITHOUT HVIL OD=11.3+0/-0.6
B: KEY B 1: WITH HVIL 02: SHIELDING CABLE
C: KEY C OD=9.9+0/-0.6
D: KEY D
E: KEY E
F: KEY F

TECHNICAL DATA TABLE

TECHNICAL DATA		
RATED CURRENT (4.0MM ² CABLE)	32A @ AMBIENT 70°C	✦
RATED CURRENT (2.5MM ² CABLE)	23A @ AMBIENT 70°C	✦
RATED CURRENT (SIGNAL BUSBAR)	5A @ AMBIENT 70°C	✦
RATING VOLTAGE (OVERVOLTAGE CATEGORY II POLLUTION DEGREE 2)	1000V DC	✦
OPERATING TEMPERATURE	-40~125°C	
DIELECTRIC WITHSTANDING VOLTAGE	POWER CONTACT 3000V AC(RMS)	✦
	HVIL CONTACT 660V AC(RMS)	✦
INSULATION RESISTANCE	200MΩ MIN. @25°C NO CABLE	✦
DURABILITY	50 CYCLES	◎
SHIELDING	YES	
WATERPROOF (MATED CONDITION)	IP 67 & IPX9K	✦
PROTECTION LEVEL	IP2XB	✦
AMBIENT TEMPERATURE	-40~70°C	
RoHS	YES	✦

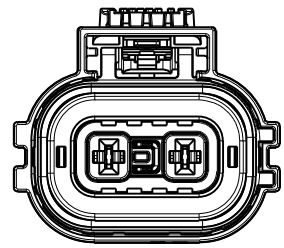
✦ "CRITICAL CHARACTERISTICS
◎ "IMPORTANT CHARACTERISTICS



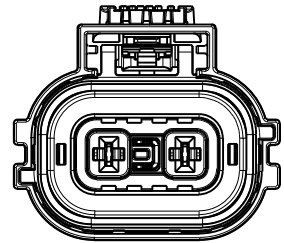
安费诺精密连接器(深圳)有限公司
Amphenol PCD Shenzhen
受控文件
2024年3月27日

DIMENSIONS		TOLERANCES	PROJECTION	TITLE				
ANSI Y14.5M		.X ±0.5		Amphenol PCD Shenzhen				
UNITS: MM		.XX ±0.05		ENGR				
Pro/E FILE		ANGLES ±2°		LEON.YANG Mar-11-2024				
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	SIZE		DWG NO.	REV
					A3	C-HVSL282062XXXXM		1
				APPD			SCALE: 3:2	SHEET 1 OF 2

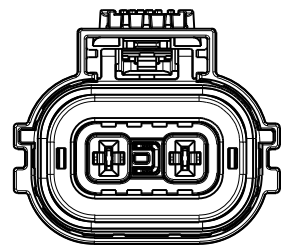
C-HVSL282062XXXXM



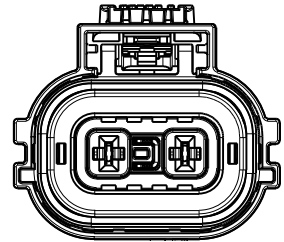
KEY A FEATURES



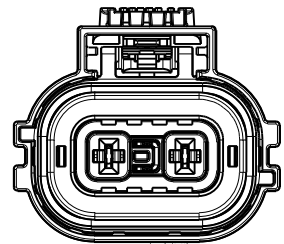
KEY B FEATURES



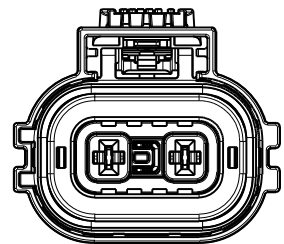
KEY C FEATURES



KEY D FEATURES



KEY E FEATURES



KEY F FEATURES

C-HVSL282062XXXXM

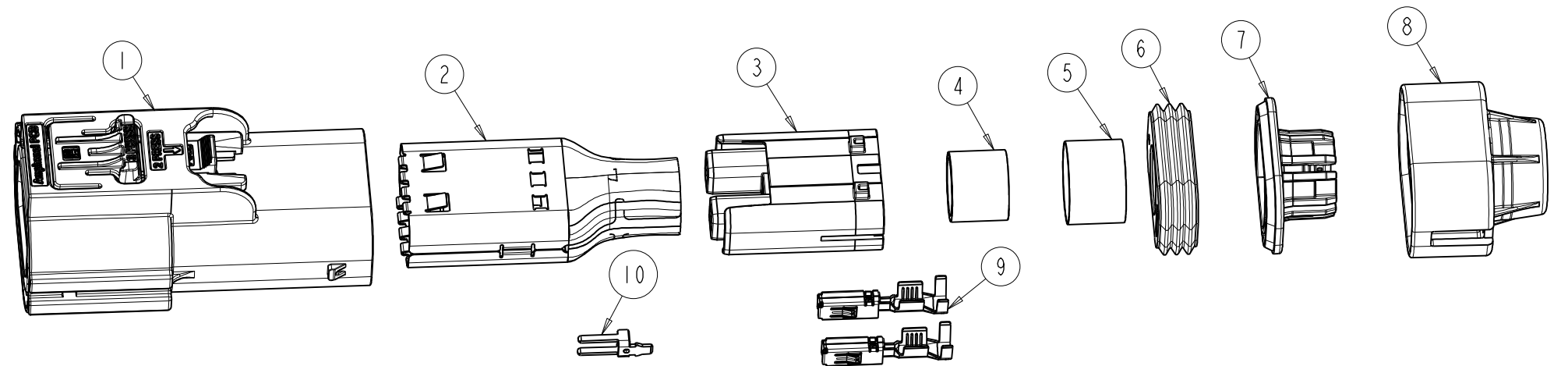


TABLE 1	P/N FOR PART 1	DESCRIPTION
	HVSL282062A	KEY A,MAIN BODY
	HVSL282062B	KEY B,MAIN BODY
	HVSL282062C	KEY C,MAIN BODY
	HVSL282062D	KEY D,MAIN BODY
	HVSL282062E	KEY E,MAIN BODY
	HVSL282062F	KEY F,MAIN BODY

HVSL282062XX01M	10	POIBS00544	1	HVIL CONTACT
	9	C310003612S	2	CONTACT
	8	POIBP01130	1	CAP
	7	POIBP0114701	1	CLIP
	6	POIBR01095	1	SEAL
	5	POIBM02289	1	OUTER RING
	4	POIBM02288	1	INNER RING
	3	POIBP01128	1	PLASTIC
	2	POIBS00566	2	SHIELDING
	1	SEE TABLE 1	1	MAIN BODY
ASM P/N	ITEM	P/N	Q'TY	DESCRIPTION

HVSL282062XX02M	10	POIBS00544	1	HVIL CONTACT
	9	C310003612S	2	CONTACT
	8	POIBP01130	1	CAP
	7	POIBP0114702	1	CLIP
	6	POIBR01110	1	SEAL
	5	POIBM02289	1	OUTER RING
	4	POIBM02297	1	INNER RING
	3	POIBP01128	1	PLASTIC
	2	POIBS00566	2	SHIELDING
	1	SEE TABLE 1	1	MAIN BODY
ASM P/N	ITEM	P/N	Q'TY	DESCRIPTION

安费诺精密连接器(深圳)有限公司

Amphenol PCD Shenzhen

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2024年3月27日

SIZE	DWG NO.	REV
A3	C-HVSL282062XXXXM	1
SCALE: 1:1		SHEET 2 OF 2

C-HVSL282062XXXXM