

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 1月16日

NOTES:

1. MATERIAL & FINISH:

PLASTIC BODY: THERMOPLASTICS UL 94V-0 ORANGE COLOR

POWER CONTACT: COPPER ALLOY SILVER PLATED

2. HVIL NTERLOCK CABLE SCOPE OF OUTSIDE DIAMETER OD=1.5~2.2mm(0.50~0.75mm^2 CABLE)

2. PART NUMBER DESCRIPTION:

HVSL 800 02 3 X X XX

A: CODING A
B: CODING B

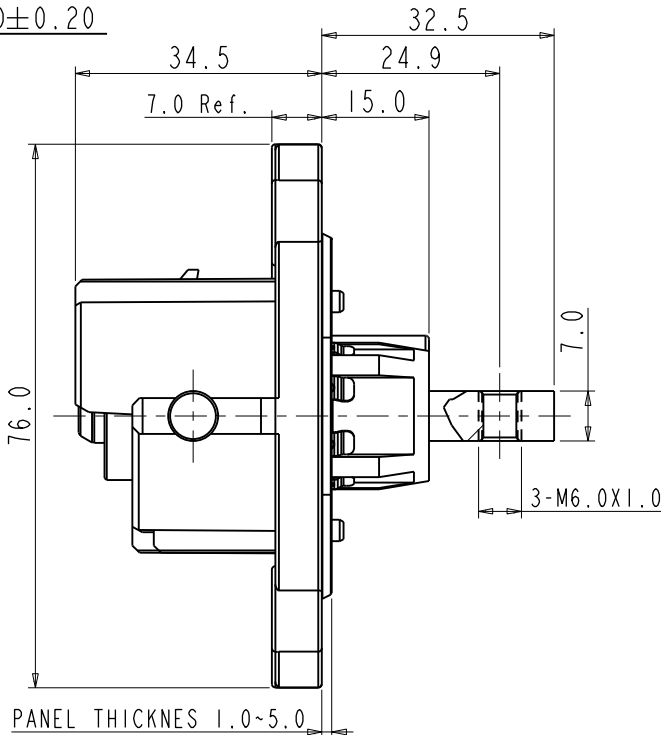
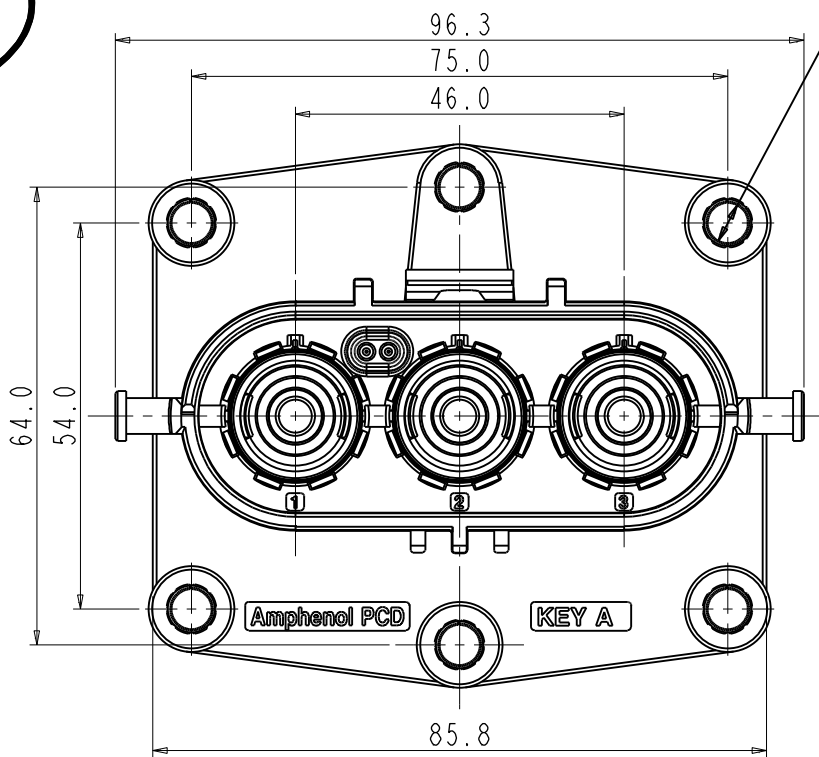
0: WITHOUT HVIL
1: WITH HVIL

H6: HOLE TERMINATION
(M6 THREAD)

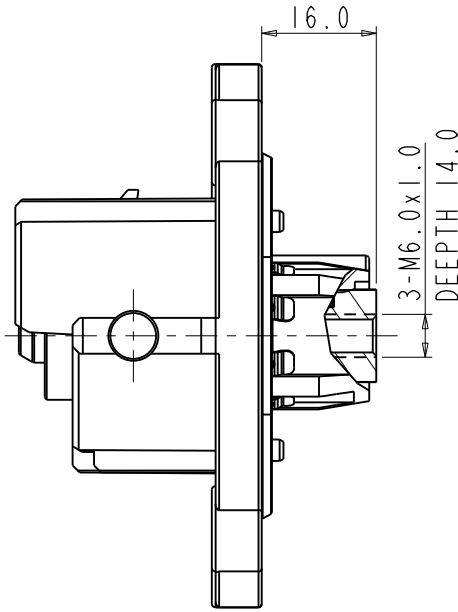
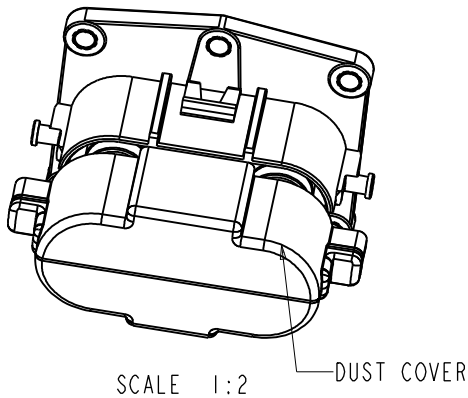
D6: SCREW TERMINATION-INTERNAL
(M6 THREAD)

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	+
UL RATING VOLTAGE (OVERVOLTAGE CATEGORY II POLLUTION DEGREE 2)	1000V DC	+
OPERATING TEMPERATURE	-40~125°C	
DIELECTRIC WITH STANDING VOLTAGE	3000V AC	+
INSULATION RESISTANCE	2000MΩ MIN.25°C, NO CABLE	+
DURABILITY	50 CYCLES	⊙
SHIELDING	YES	⊙
WATERPRROF(MATED CONDITION)	IP67 IP6K9K	+
PROTECTION LEVEL	IP2XB	+
AMBIENT TEMPERATURE	-40~70°C	
TECHNICAL DESCRIPTION	TECHNICAL DATA	FEATURE

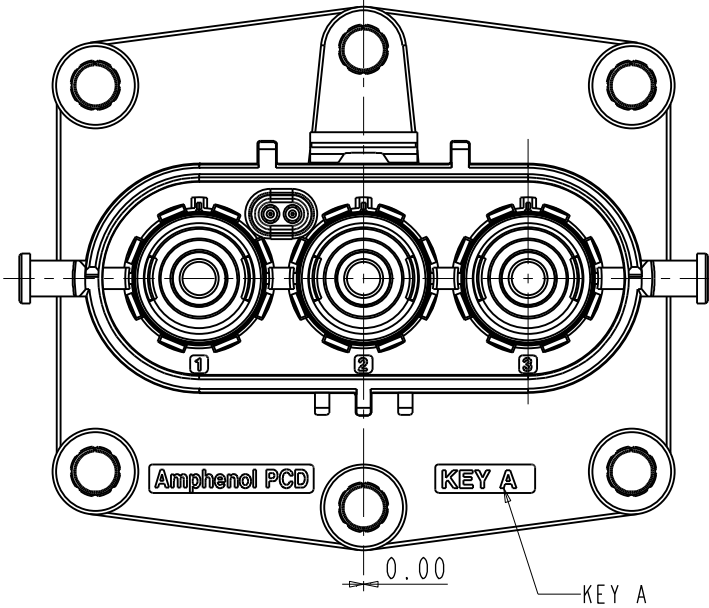


H6: POWER CONTACT
HOLE TERMINATION VIEW

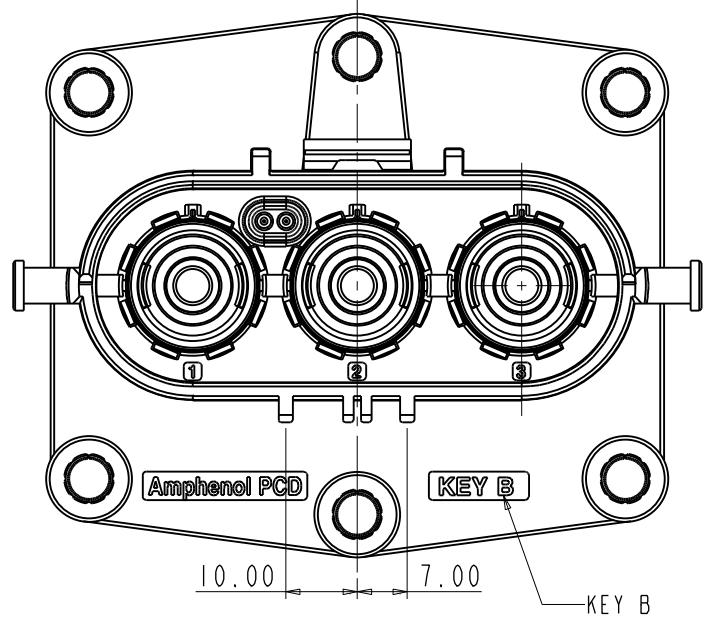


D6: POWER CONTACT SCREW
TERMINATION-INTERNAL VIEW

REV	ECN	DESCRIPTION	DATE	MODIFIED
1		PRE-RELEASE	2017.06.20	Jophy.Li
2		UPDATE THE P/N	2017.08.25	Jophy.Li
3		UPDATE DRAWING	2018.01.15	Jophy.Li



CODING A



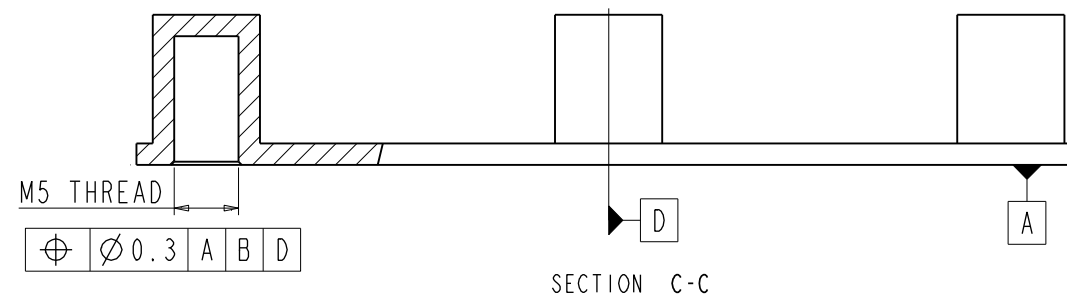
CODING B

DIMENSIONS	TOLERANCES	PROJECTION	Amphenol Pcd Shenzhen	
ANSI Y14.5M	.X ±0.5	⊙ ◁	ENGR	Jophy.Li 2018.01.15
UNITS: MM	.XX ±0.05		CHKD	
Pro/E FILE	ANGLES ±0.5°		APPD	Sembao
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF AMPHENOL PCD SHENZHEN			
NOT FOR CUSTOMER DISTRIBUTION				

TITLE				
HVSLR 800 RECEPTACLE ASSEMBLY 3P TYPE				
SIZE	DWG NO.	REV		
A3	C-HVSL800023XXXX	3		
CODE: 58982		SCALE: 1:1		SHEET 1 OF 3

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4. PANEL DRILLING

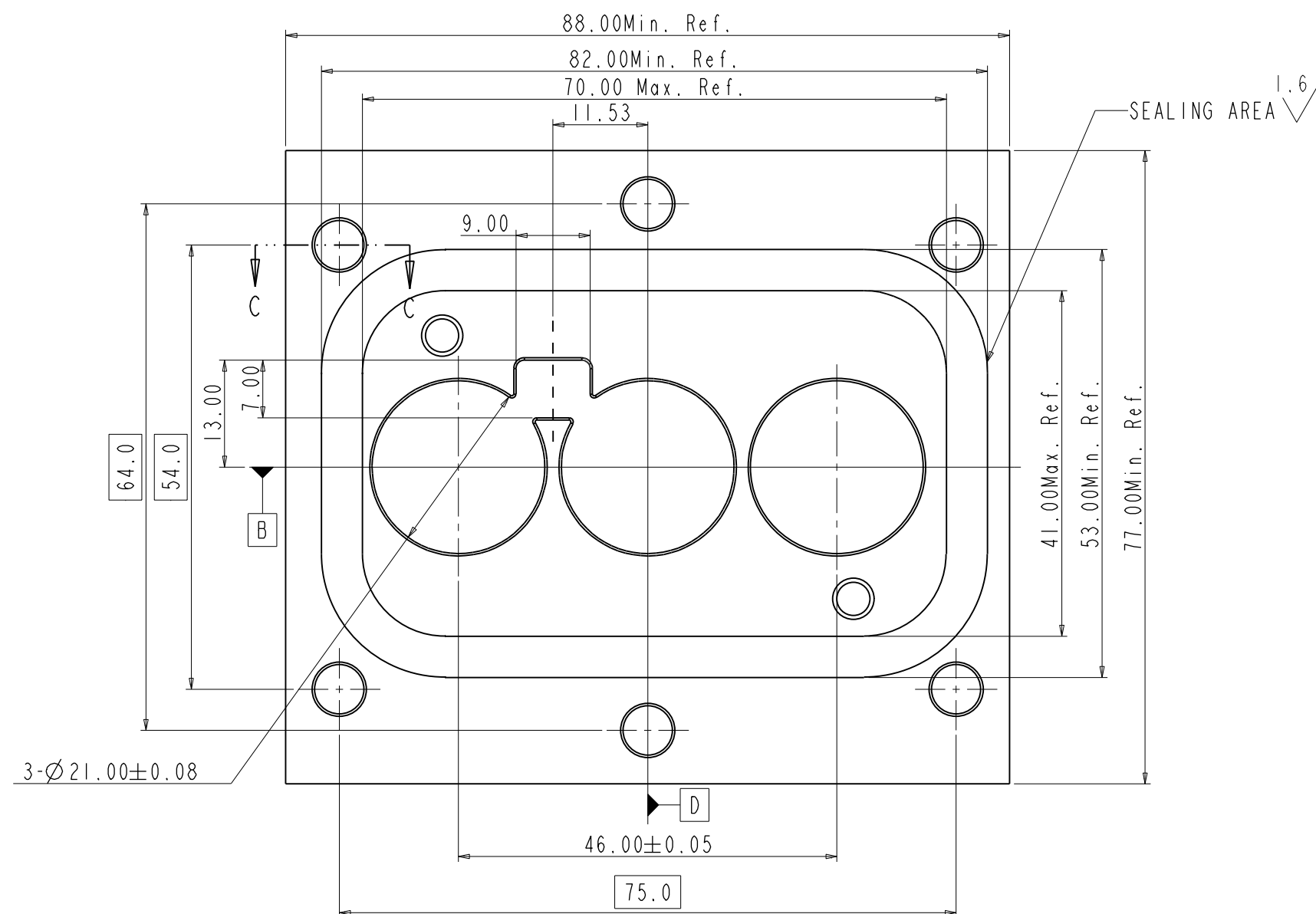


SECTION C-C

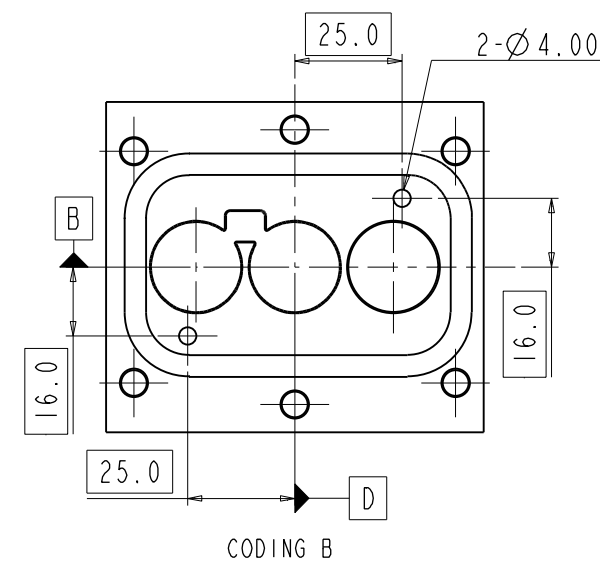
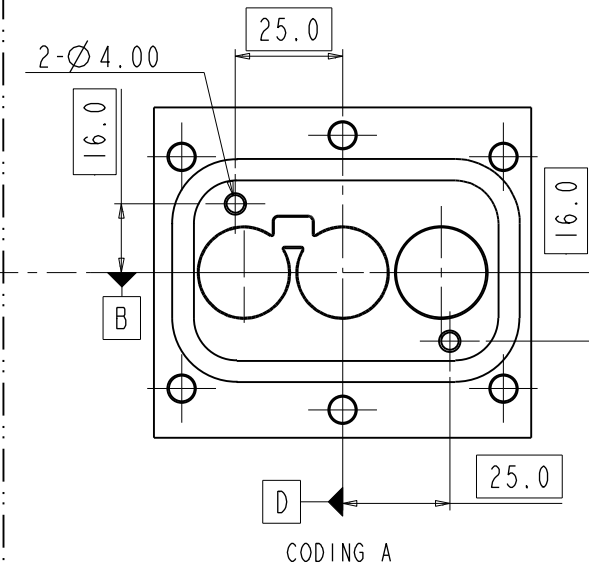
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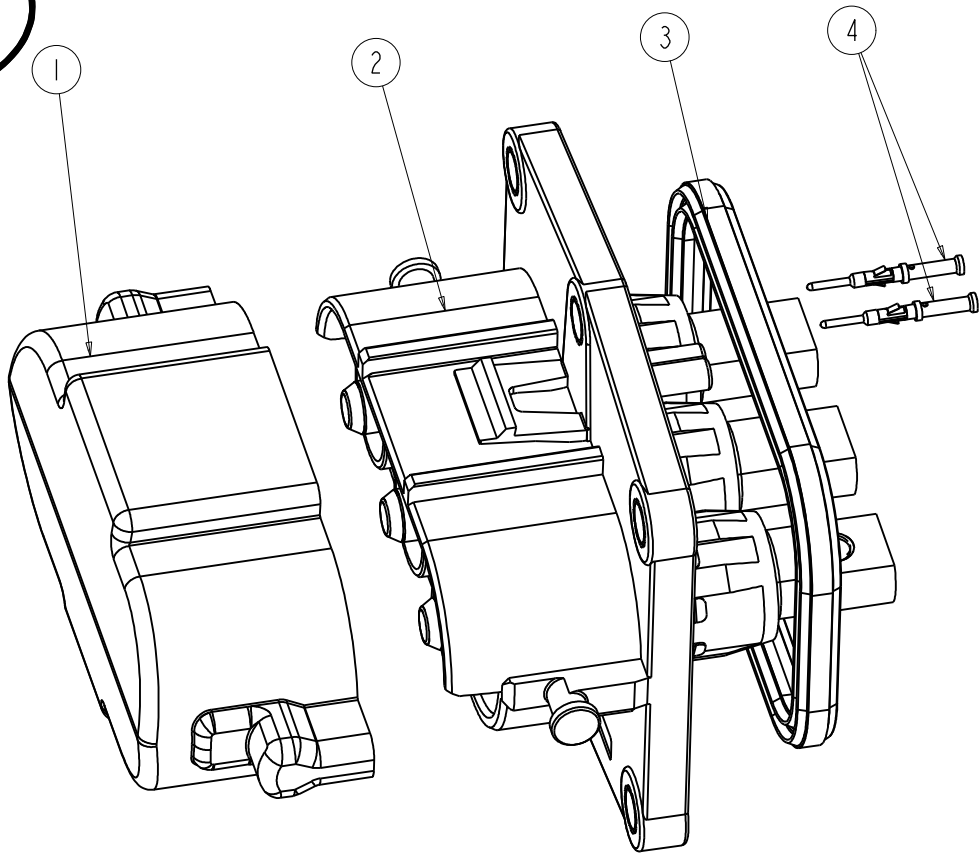
THIS VIEW SHOWING THE KEY "A" DIMENTION
OTHER KEYS REFER THE CODING DESCRIPTION LIST



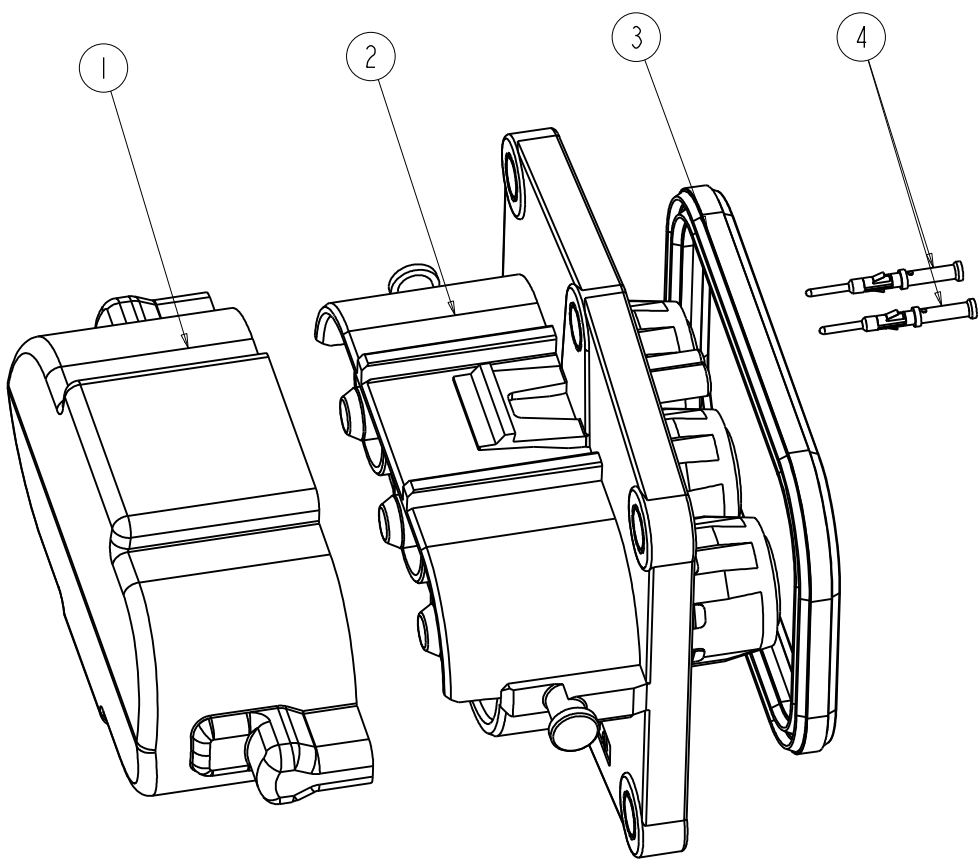
CODING DESCRIPTION LIST

SIZE	DWG NO.	REV
A3	C-HVSL800023XXXX	3
CODE: 58982	SCALE: 1:1	SHEET 2 OF 3

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H6: POWER CONTACT
HOLE TERMINATION ASSEMBLE VIEW



D6: POWER CONTACT SCREW
TERMINATION-INTERNAL ASSEMBLE VIEW

C-HVSL800023XXXX

5. ASSEMBLY AND DETAIL BOM LIST SHOW

5.1. DETAIL BOM LIST

HVSL800023 X 0D6	3	C427003660	1	FLANGE SEAL PART
	2	D6 MAIN BODY	1	MAIN BODY
	1	C422003555	1	DUST COVER
HVSL800023 X 1D6	4	C420003643	2	1mm MALE CONTACT
	3	C427003660	1	FLANGE SEAL PART
	2	D6 MAIN BODY	1	MAIN BODY
	1	C422003555	1	DUST COVER
HVSL800023 X 0H6	3	C427003660	1	FLANGE SEAL PART
	2	H6 MAIN BODY	1	MAIN BODY
	1	C422003555	1	DUST COVER
HVSL800023 X 1H6	4	C420003643	2	1mm MALE CONTACT
	3	C427003660	1	FLANGE SEAL PART
	2	H6 MAIN BODY	1	MAIN BODY
	1	C422003555	1	DUST COVER
PART NUMBER	ITEAM	COMPONENT P/N	QUANTITY	DESCRIPTION

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SIZE	DWG NO.	REV
A3	C-HVSL800023XXXX	3
CODE: 58982	SCALE: 1:1	SHEET 3 OF 3