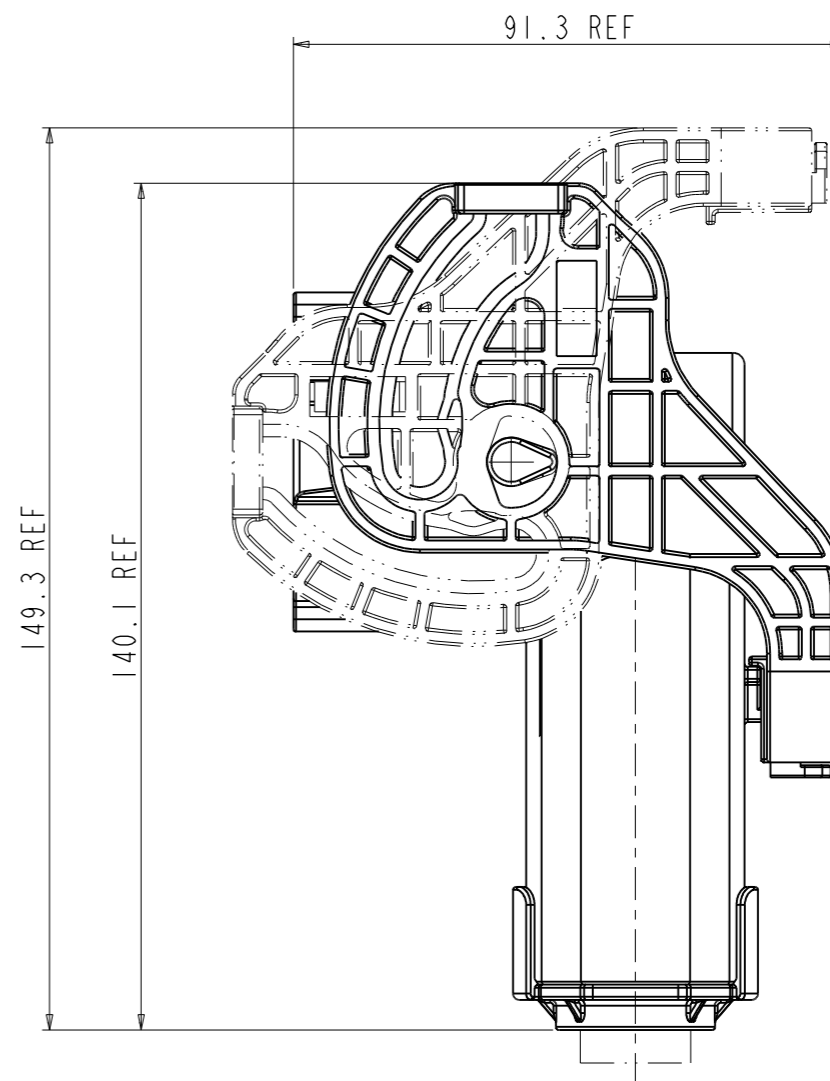
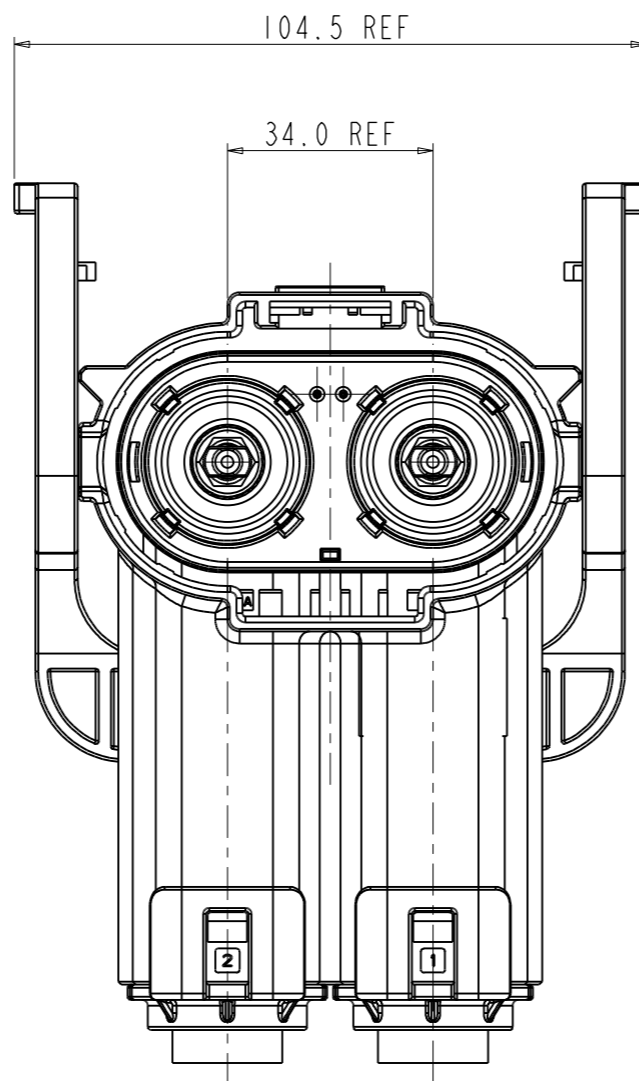


Amphenol PCDSZ  
ORIGINAL  
PDF Format  
R&D

REV	ECN	DESCRIPTION	DATE	MODIFIED
1		PRE_RELEASE	Apr-08-21	Ray Rui



APPLICATION:  
 POLLUTION DEGREE 2 / 污染等级 2  
 OVERVOLTAGE CATEGORY II / 过电压类别  
 INHOMOGENEOUS FIELD / 非均匀电场  
 ALTITUDE NO MORE THAN 2000m / 海拔不高于2000m

+ CRITICAL CHARACTERISTICS 关键特性  
 ◎ IMPORTANT CHARACTERISTICS 重要特性

C-HVSL1400082XYXX

C-HVSL1400082XYXX

TECHNICAL DATA		SPECIAL CHARACTERISTICS SYMBOL
CURRENT RATE 120mm <sup>2</sup> WIRE	430A	+
CURRENT RATE 95mm <sup>2</sup> WIRE	370A	+
CURRENT RATE 70mm <sup>2</sup> WIRE	250A	+
VOLTAGE RATE	1000V AC	+
OPERRATING TEMPERATURE	-40-125°C	NA
DIELECTRIC WITHSTANDING VOLTAGE	POWER PIN:3000V AC	+
	SIGNAL PIN:660V AC	
INSULATION RESISTANCE	>200MΩ(1000V DC)	+
DURABILITY	50 CYCLES	◎
SHIELDING	YES	NA
WATERPROOF (MATED CONDITION)	IP67 IP6K9K	+
CORROSION-PROOF GRADE(SALT FOG TEST)	96 HOURS	NA
AMBIENT TEMPERATURE	-40-70°C	NA
120mm <sup>2</sup> CABLE SIZE(JACKET DIAMETER)	∅23.0+0/-0.8(LV216)	NA
95mm <sup>2</sup> CABLE SIZE(JACKET DIAMETER)	∅20.9+0/-0.8(LV216)	NA
70mm <sup>2</sup> CABLE SIZE(JACKET DIAMETER)	∅18.2+0/-0.8(LV216)	NA
SIGNAL PIN CURRENT	5A	NA

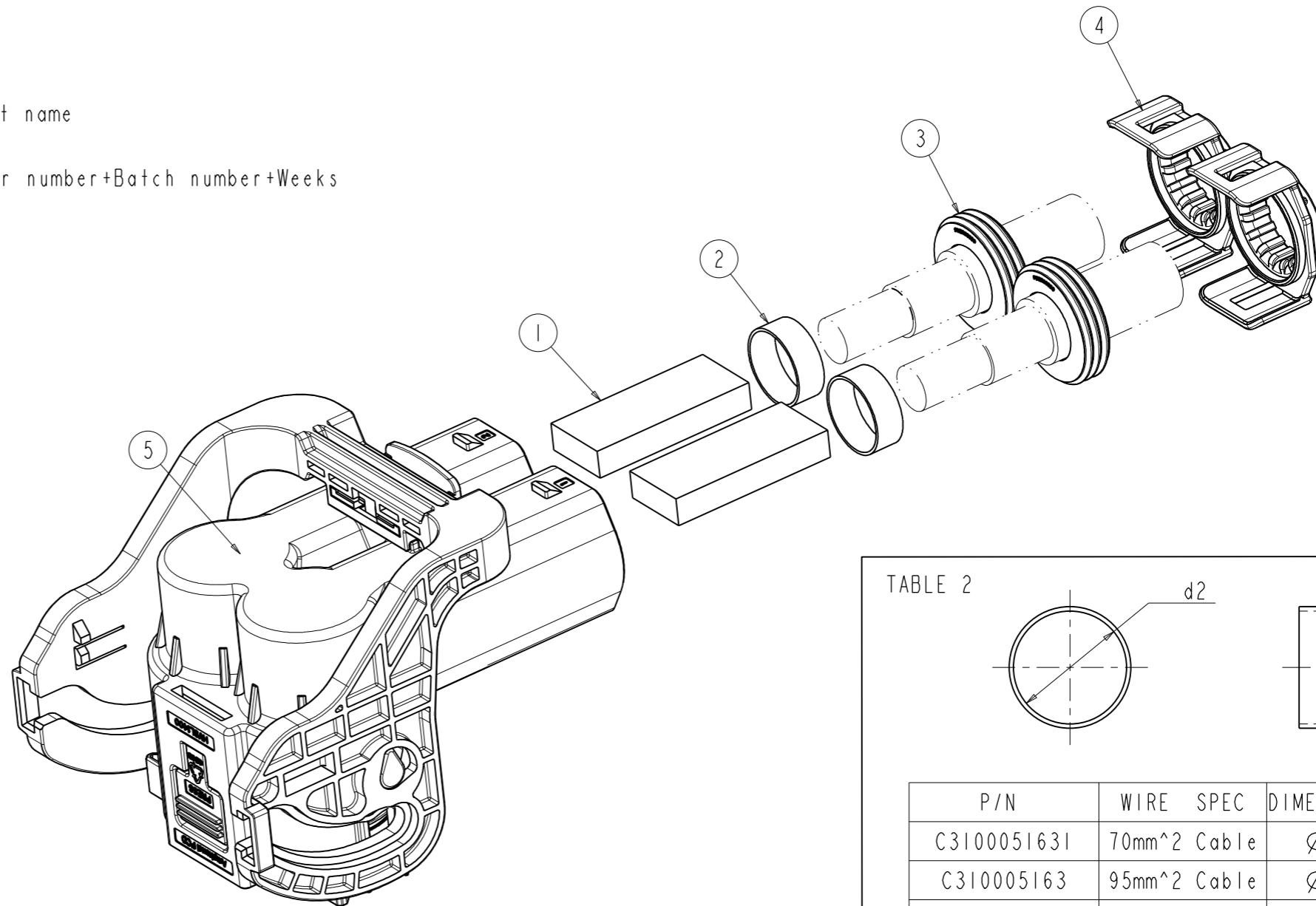
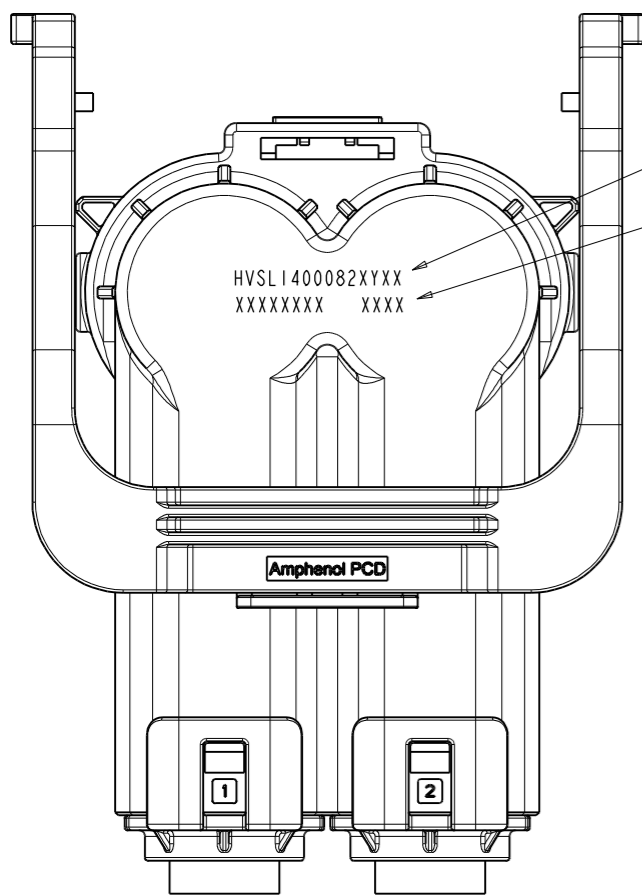
HVSL1400 08 2 X Y XX

A	A Key
B	B Key
C	C Key

120	120mm <sup>2</sup> Cable
95	95mm <sup>2</sup> Cable
70	70mm <sup>2</sup> Cable

0	WITHOUT HVIL
1	WITH HVIL

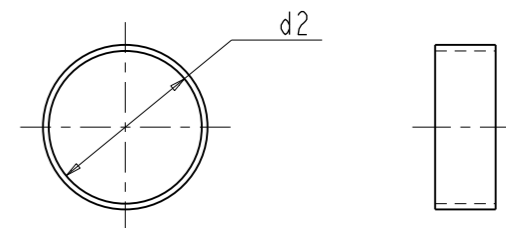
DIMENSIONS	TOLERANCES	PROJECTION	TITLE		
ANSI Y14.5M UNITS: MM Pro/E FILE	.X ±0.5 .XX ±0.05 ANGLES ±2°		Amphenol PCD Shenzhen		
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF Amphenol PCD Shenzhen Co. Ltd Amphenol PCD Shenzhen Co. Ltd RESERVES THE RIGHT TO CLARIFY THIS DRAWING	CHKD APPD <i>Roll.chen</i>	ENGR Ray Rui Apr-08-21		HVSL1400 PLUG R/A
			SIZE A3	DWG NO. C-HVSL1400082XYXX	
			CODE: 58982	SCALE: 4:5	SHEET 1 OF 3



CONNECTOR ACCESSORIES LIST

INDEX	P/N	DESCRIPTION	QTY
5	HVSL1400082XY (X=A,B,C;Y=0,1)	PLUG RA BODY	1
4	SEE TABLE 4	PLUG END CAP	2
3	SEE TABLE 3	CABLE SEAL	2
2	SEE TABLE 2	SHIELD FERRULE	2
1	SEE TABLE 1	TERMINAL	2

TABLE 2



P/N	WIRE SPEC	DIMENSION d2
C3100051631	70mm <sup>2</sup> Cable	∅20.2
C310005163	95mm <sup>2</sup> Cable	∅22.4
P01BM00798	120mm <sup>2</sup> Cable	∅24

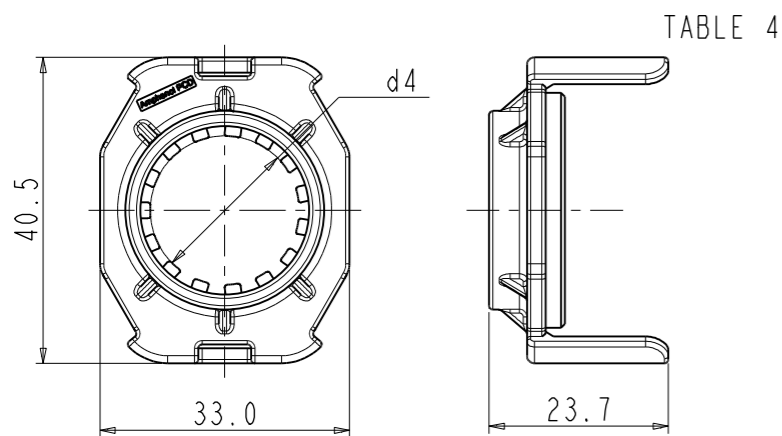


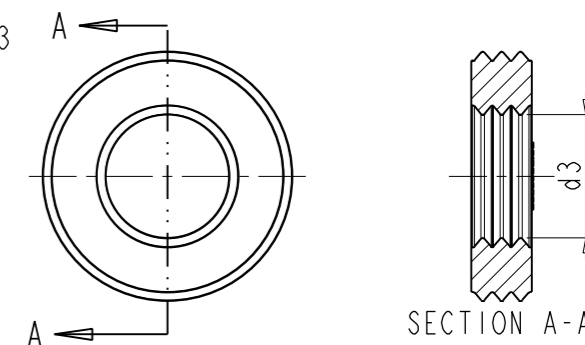
TABLE 4

P/N	WIRE SPEC	DIMENSION d3
C2200053874	70mm <sup>2</sup> Cable	∅18.8
C2200053875	95mm <sup>2</sup> Cable	∅21.5
C2200053876	120mm <sup>2</sup> Cable	∅23.6

TABLE 1

TERMINAL	P/N	WIRE SPEC	WIRE INSTALLATION
	P01BM00797	120mm <sup>2</sup> Cable	crimping
	P01BS00171	70mm <sup>2</sup> Cable 95mm <sup>2</sup> Cable	Ultrasonic welding

TABLE 3

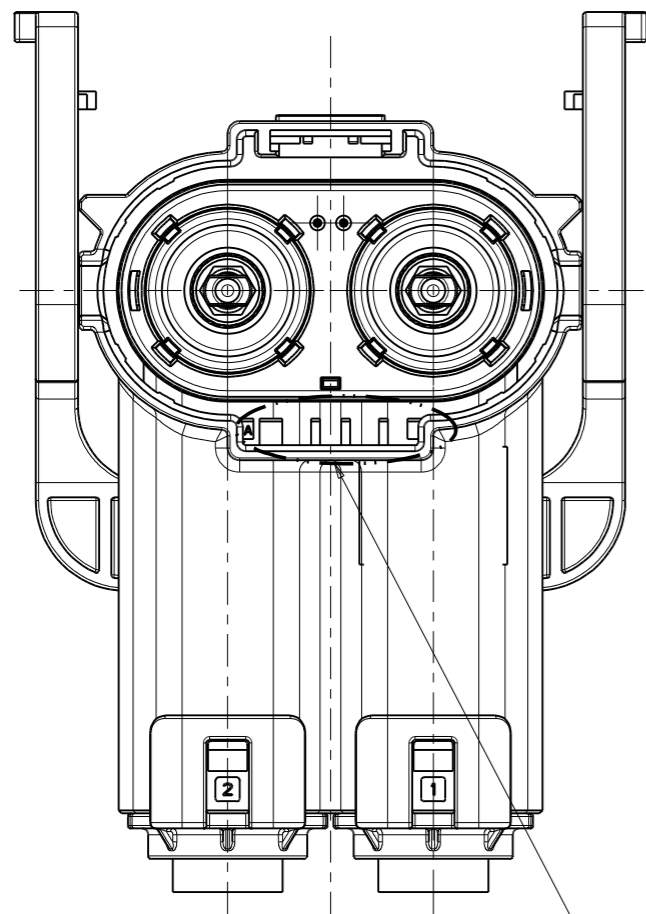


P/N	WIRE SPEC	DIMENSION d3
P01BR00290	70mm <sup>2</sup> Cable	∅16.3
P01BR00291	95mm <sup>2</sup> Cable	∅19
P01BR00322	120mm <sup>2</sup> Cable	∅22.1

SIZE <b>A3</b>	DWG NO. <b>C-HVSL1400082XYXX</b>	REV <b>1</b>
CODE: 58982	SCALE: 4:5	SHEET 2 OF 3

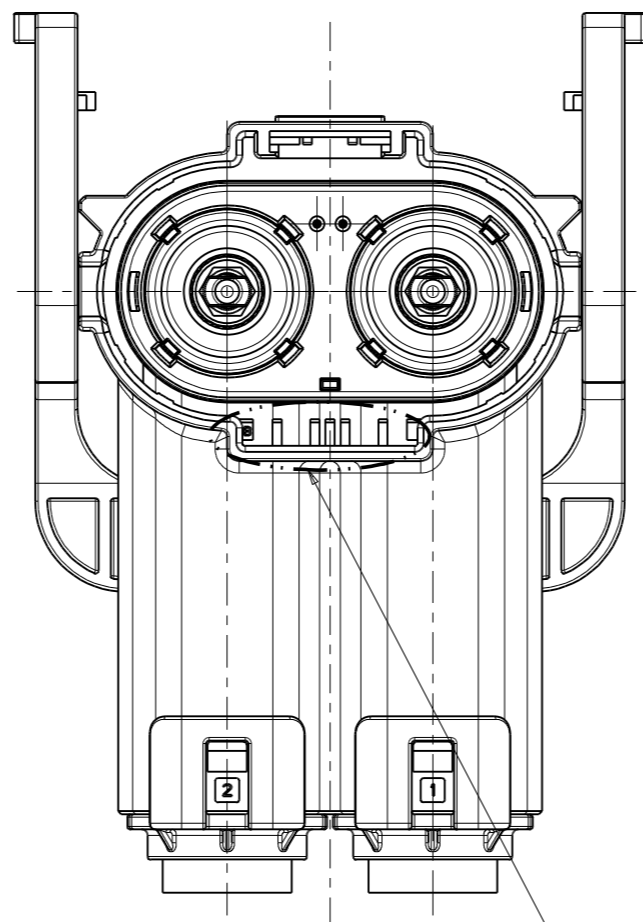
C-HVSL1400082XYXX

C-HVSL1400082XYXX



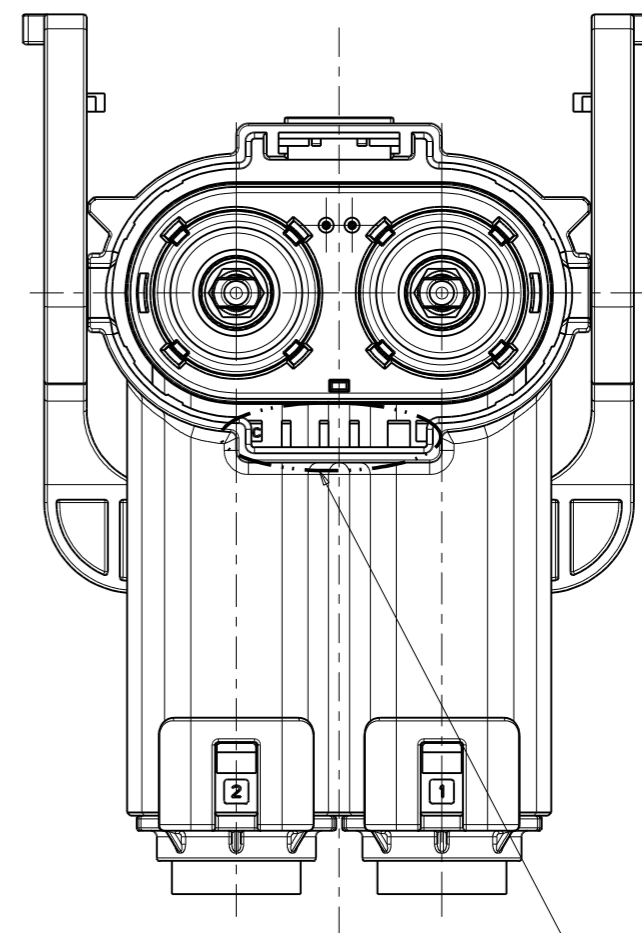
KEY A  
FEATURE

HVSL1400082AYXX



KEY B  
FEATURE

HVSL1400082BYXX



KEY C  
FEATURE

HVSL1400082CYXX

C-HVSL1400082XYXX

C-HVSL1400082XYXX

SIZE	DWG NO.	REV
A3	C-HVSL1400082XYXX	1
CODE: 58982	SCALE: 4:5	SHEET 3 OF 3