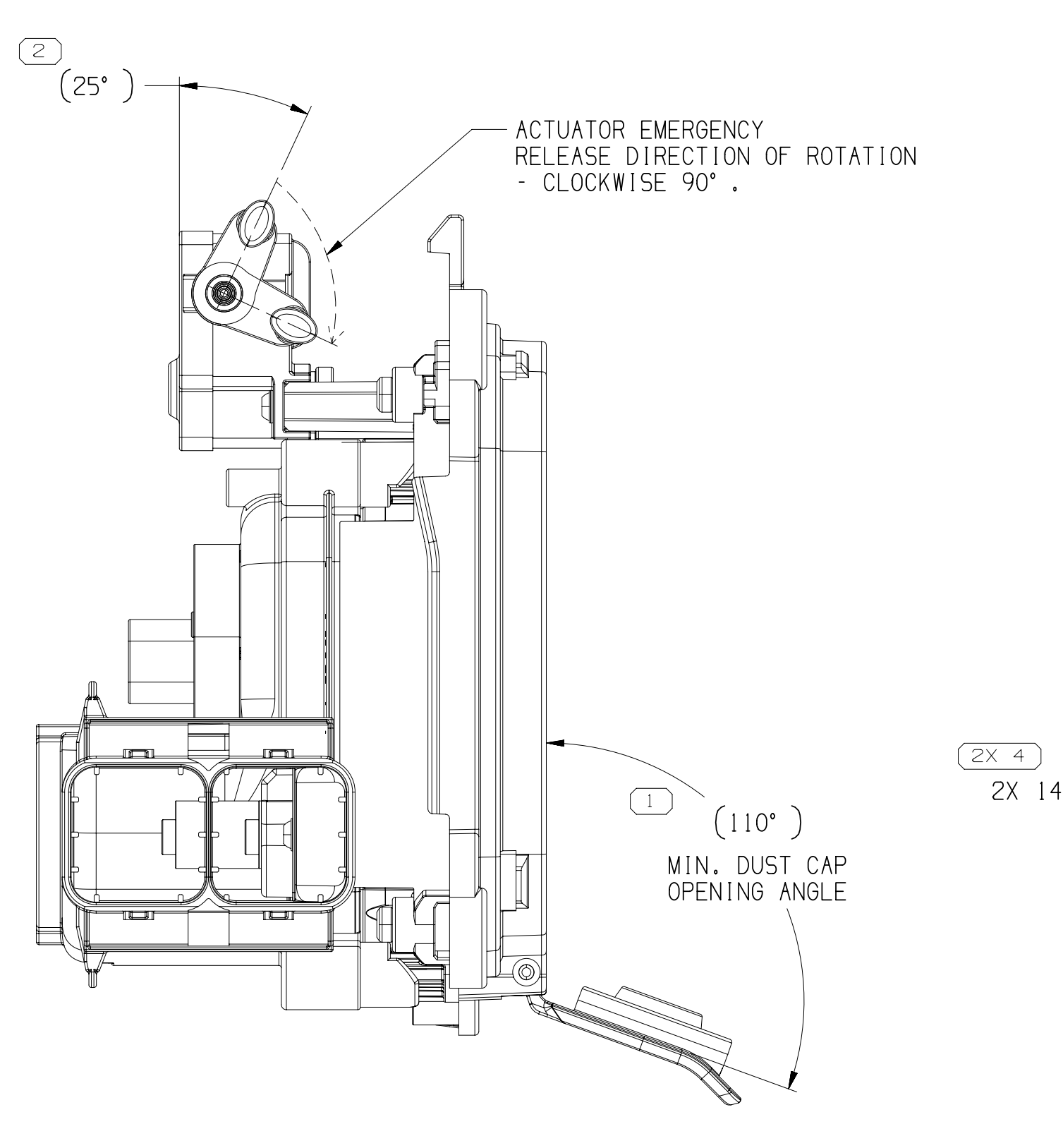
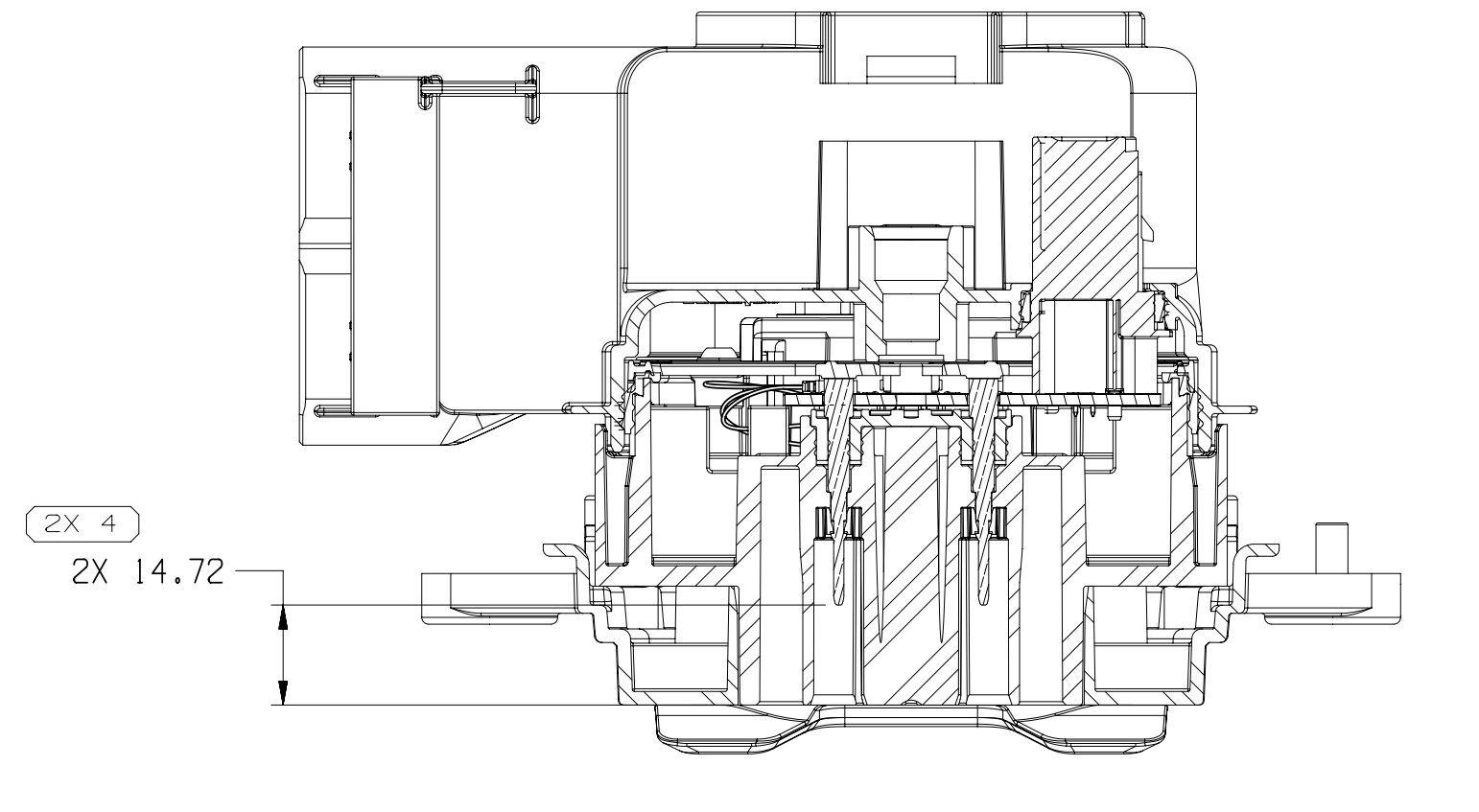
SYMBOL DEFINITION		
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ⬭ DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	14
	LAST NO. USED	10

MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

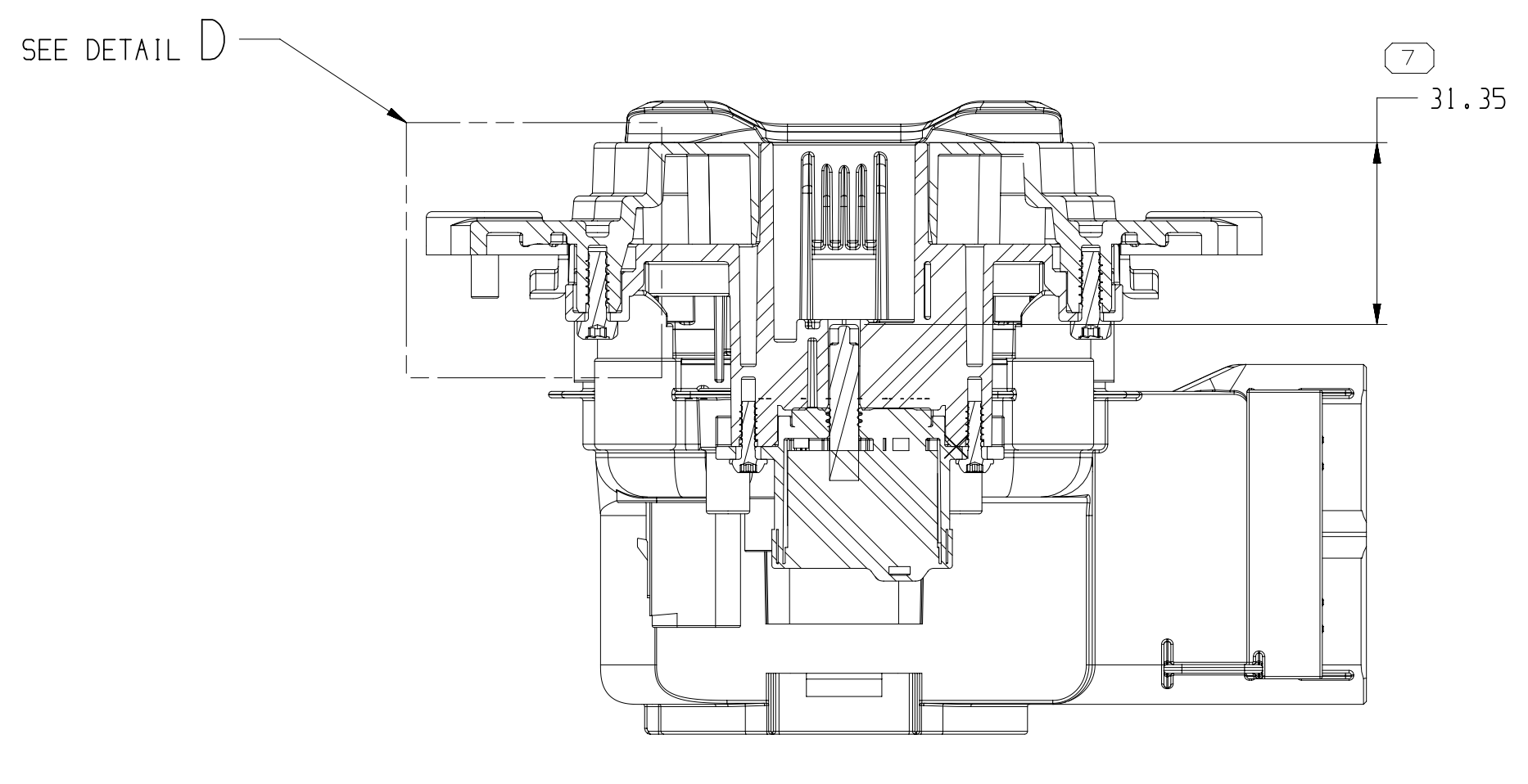
DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
DATE	STG	REV	N/P	CHG						
15SE21	R	01	-	-		ALL PARTS - RELEASED PART DRAWING	554260	KRK	KRK	TM
07MR22	R	01	AA	-		ADDED "DC+" & "DC-" CALLOUTS	556790	LXA	LXA	MIR
02MY22	R	02	-	-		UPDATED GRAPHICS ONLY	557312	JS	JS	JP
05JL22	R	03	-	-		ADDED PN 35468116 IN BOM & NOTE #7, QTY OF ITEM #14 WAS 12 AND REMOVED ITEM #17 IN BOM	557945	KRK	KRK	MIR
25AU22	R	04	-	-		35684816 WAS 35453775 IN BOM CHART	558410	GDH	JAA	MIR
22SE22	R	04	AA	-		ADDED SWING VIEW AND QR LASER NOTE	558565	ESG	AHY	MIR
19OC22	R	04	AB	-		UPDATED PDM ATTRIBUTES	558795	MLR	GLG	MIR
09MR23	R	04	AC	-		UPDATED "LASER ENGRAVED" LABEL AND ADDED "SENSITIVE DIM" NOTE	559792	LGD	GLG	MIR


2
(25°)
ACTUATOR EMERGENCY RELEASE DIRECTION OF ROTATION - CLOCKWISE 90° .
1
(110°)
MIN. DUST CAP OPENING ANGLE

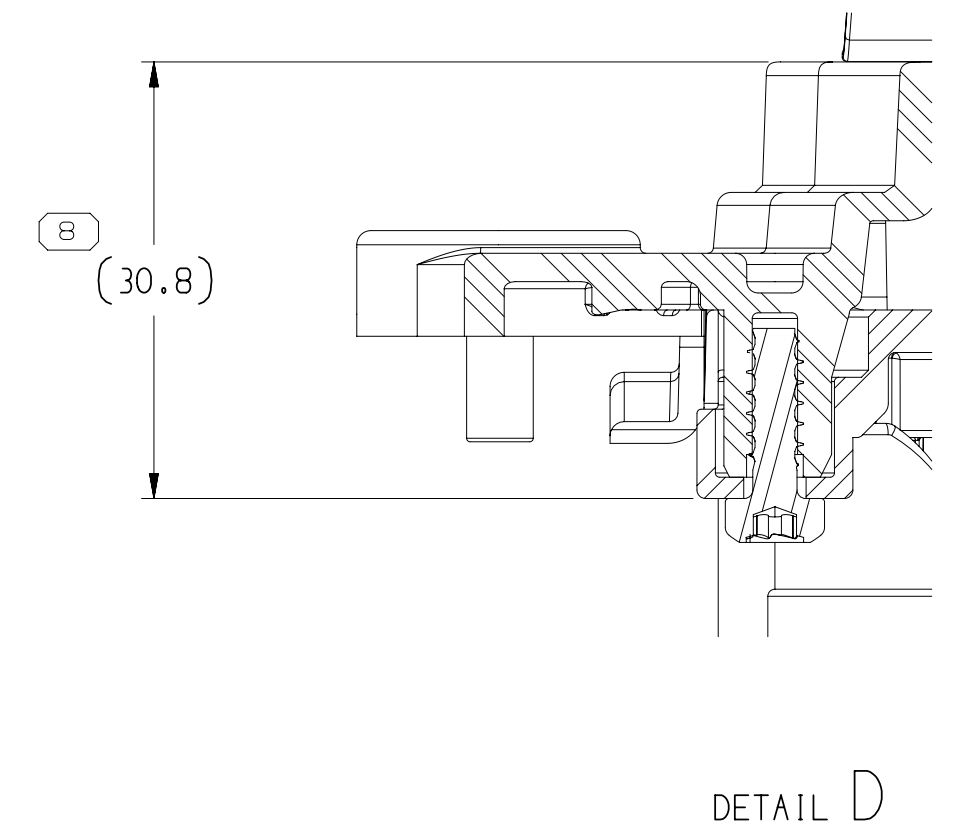
SWING VIEW



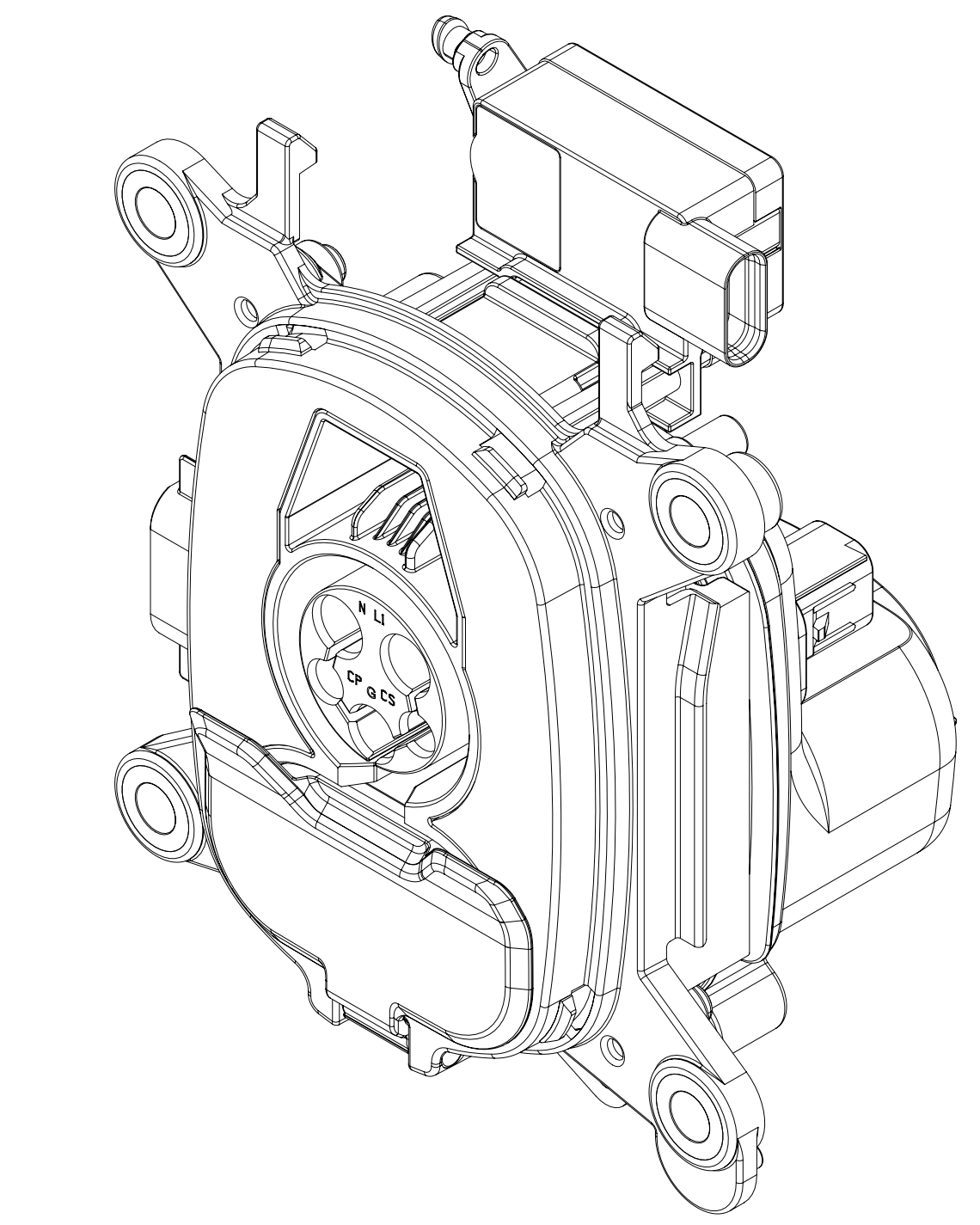
SECTION A-A

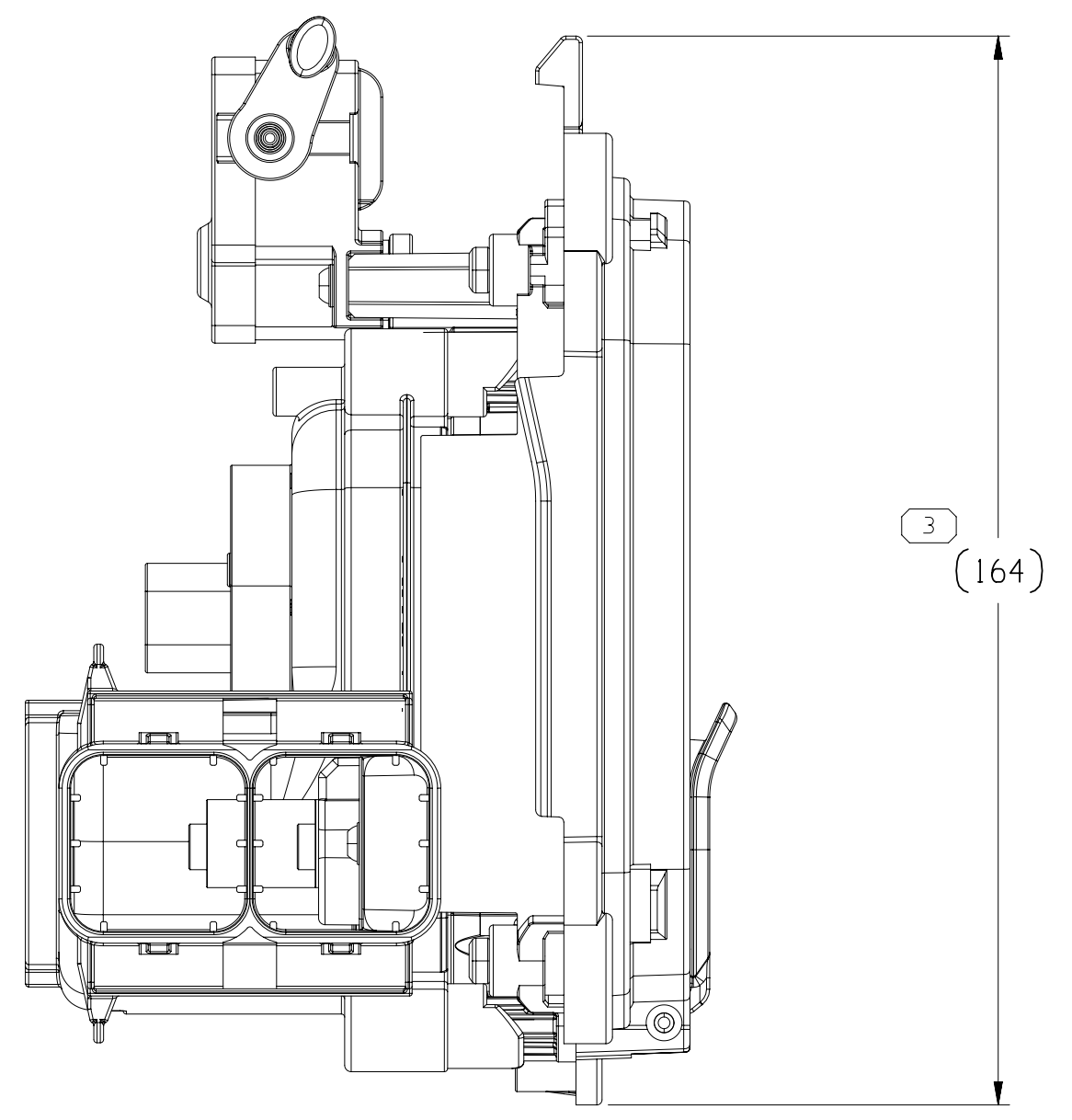


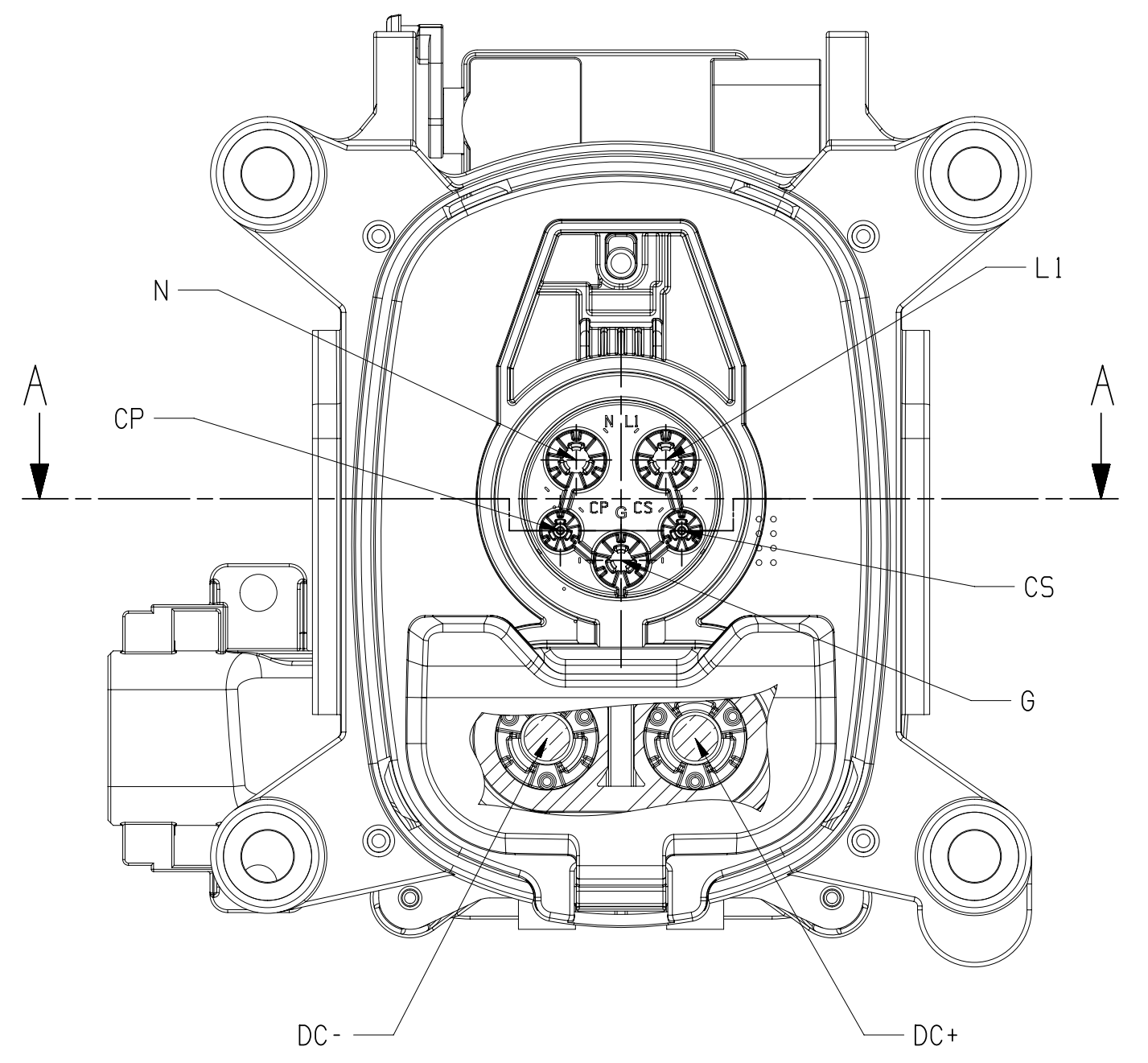
SECTION B-B

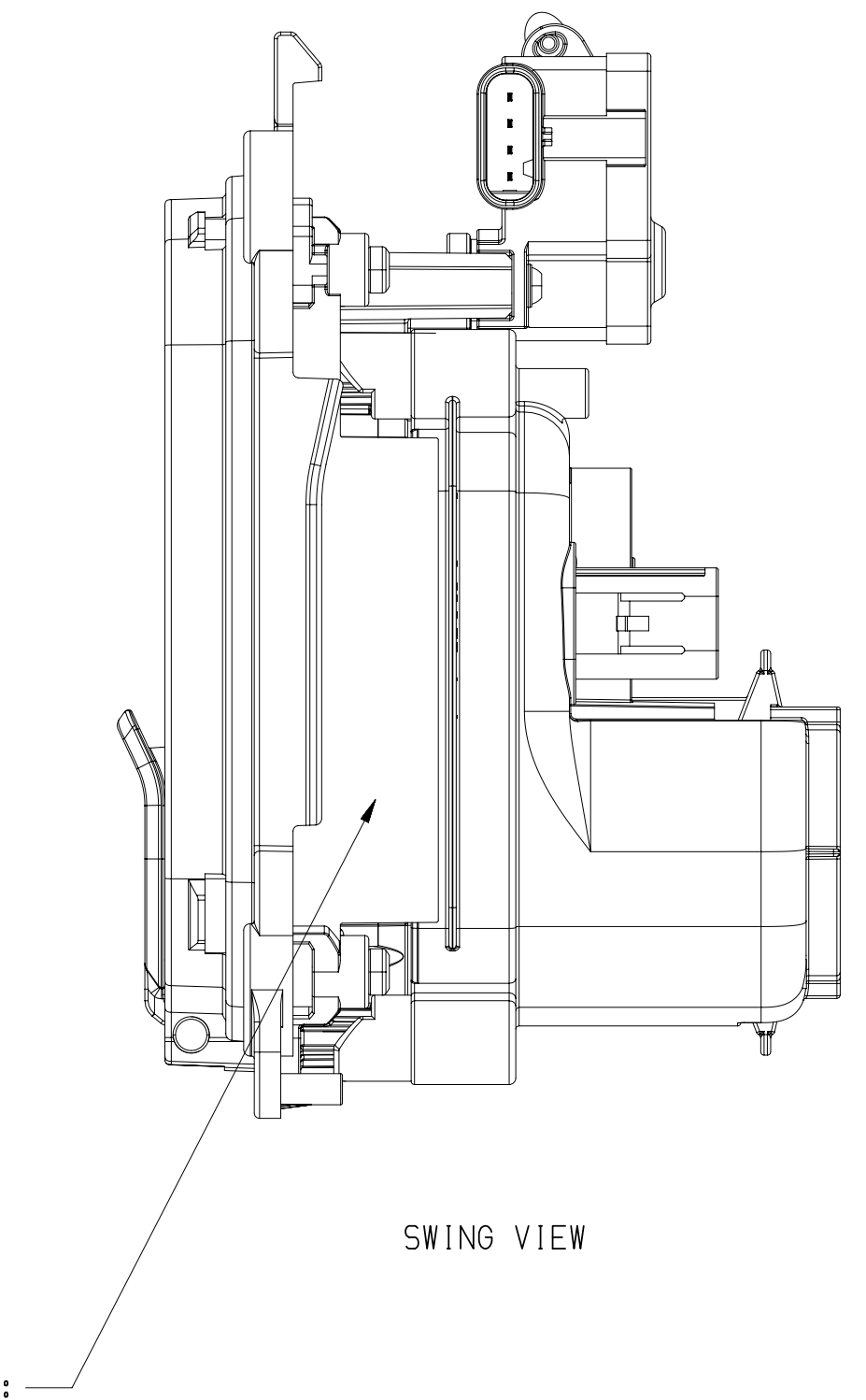


DETAIL D
SCALE 2:1



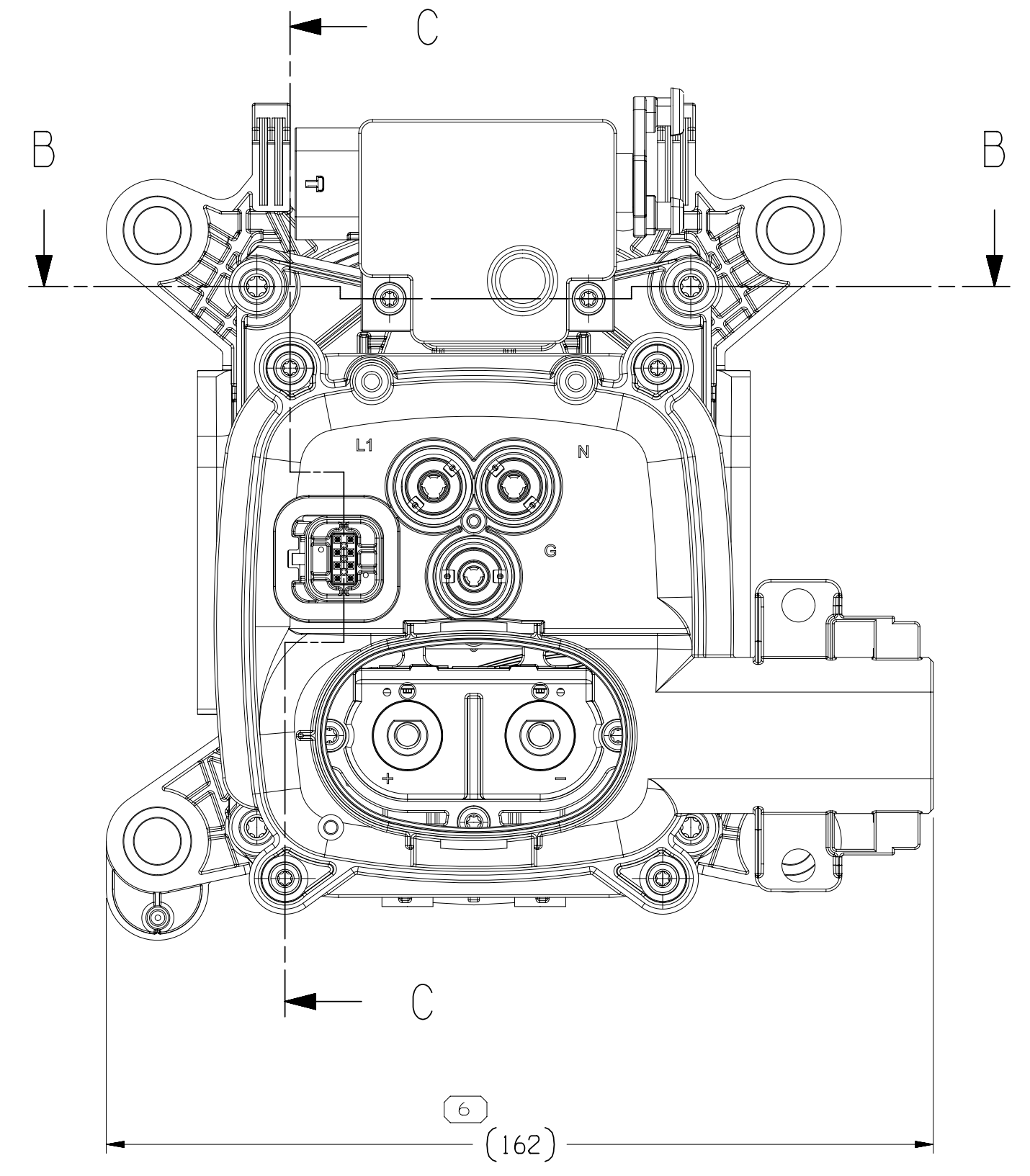


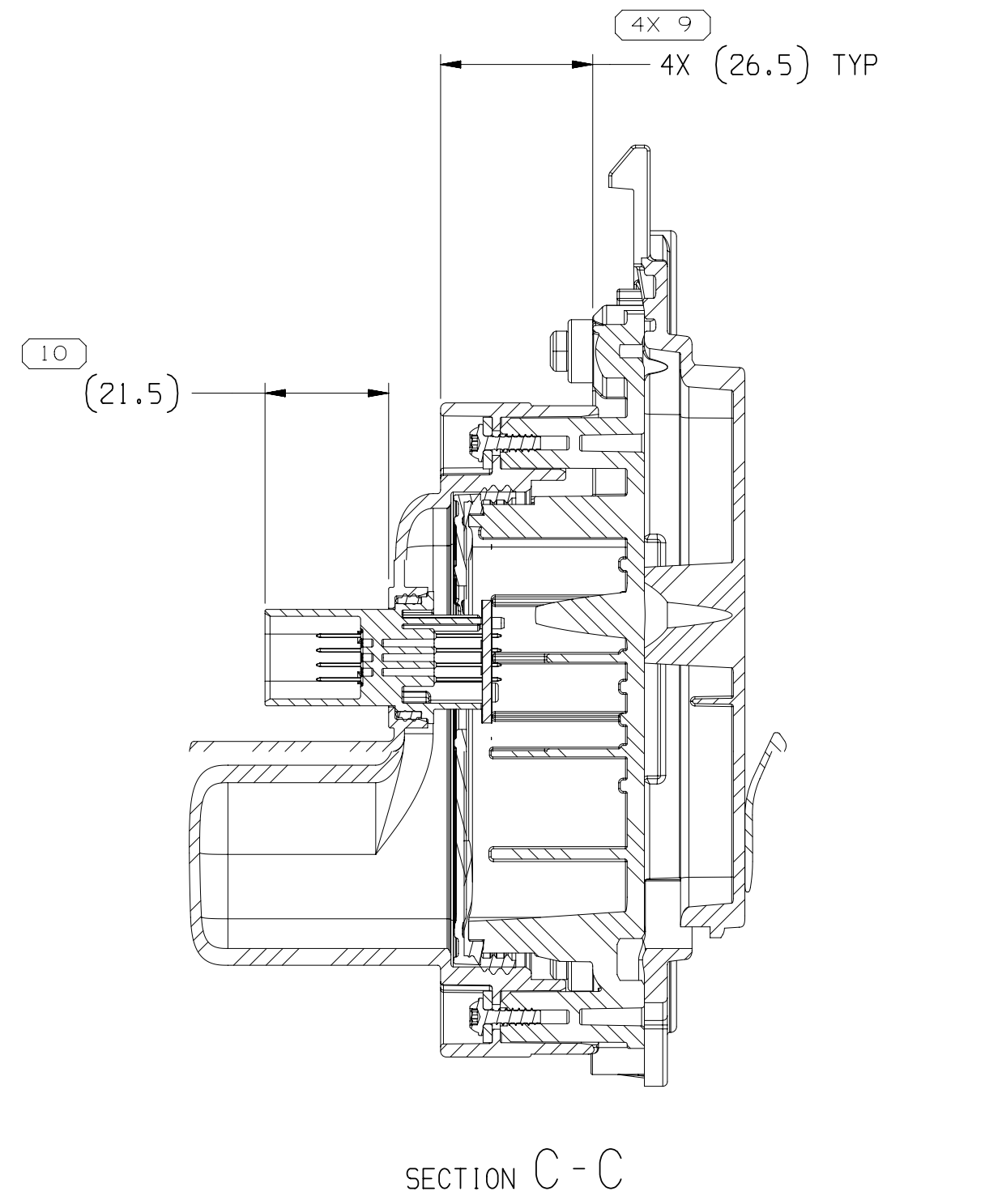




SWING VIEW

LASER ENGRAVED INCLUDES:
QR CODE, PART NUMBER, REVISION
LEVEL AND HOUR OF PRODUCTION





SECTION C-C

NOTES

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.

2. FOR HARNESS MANUFACTURING USE REFER TO ASSEMBLY MANUAL APTIV PN: 35477642_CUS72_S01 FOR DETAILED DESCRIPTION OF ALL ASSEMBLY STEPS/SEQUENCE OF OPERATIONS, END OF LINE TESTS, CHECKS AND ADDITIONAL NOTES.

3. PARTS MUST BE SPECIALLY PACKAGED TO PREVENT ANY DAMAGE DURING SHIPPING OR HANDLING. THE SHIPPING CONTAINER MUST BE LINED WITH PLASTIC LINERS. LINERS MUST BE SEALED TO AVOID FORIEGN MATTER

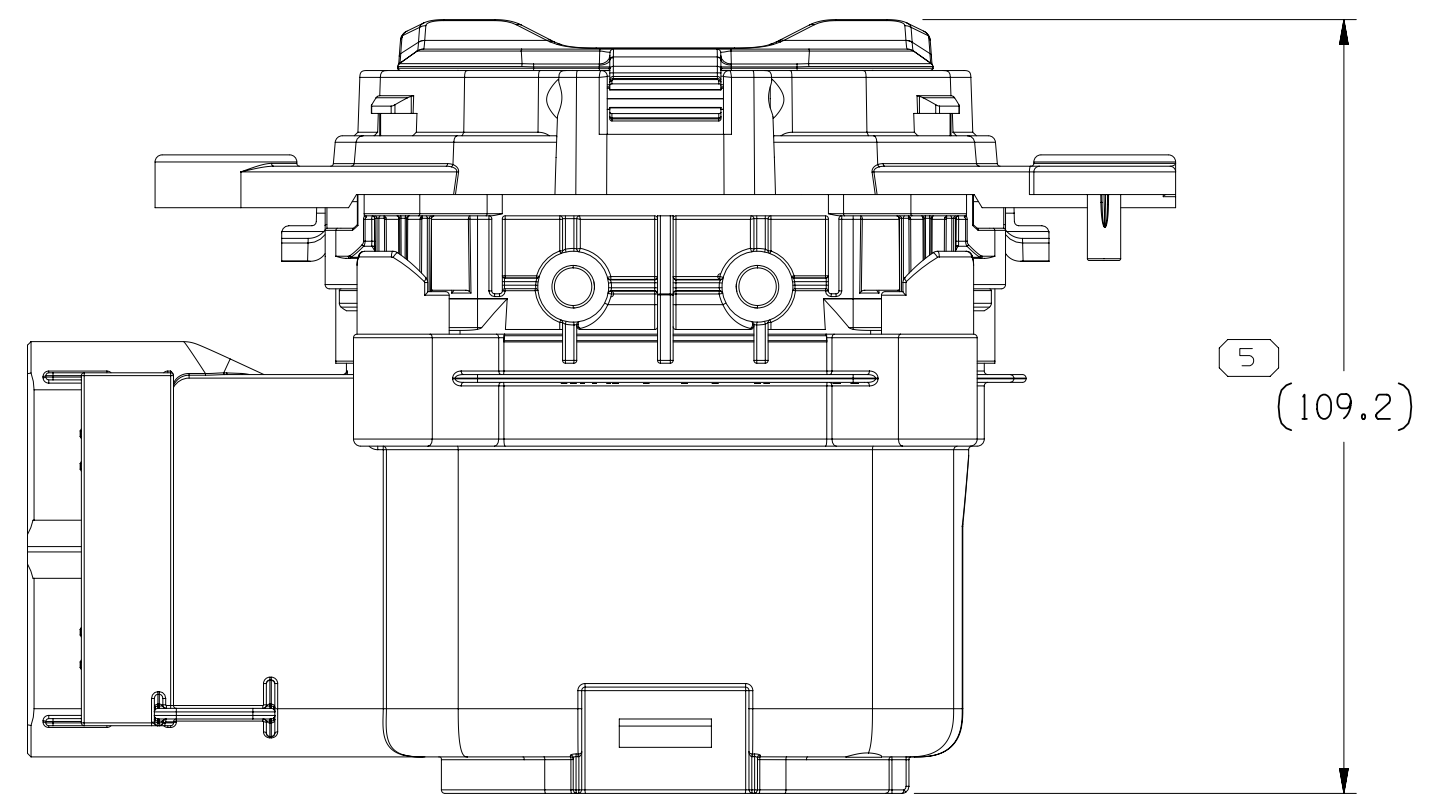
4. PARTS MUST BE FREE OF DUST, CARDBOARD FIBER, LOOSE METAL SLIVERS OR ANY PARTICULATE MATTER THAT MAY CAUSE FIT OR FUNCTION CONCERNS

5. FOR APPLICATION DATA SEE THE APPLICATION DRAWING.

6. FOR APTIV INTERNAL USE ONLY: ANY RELEVANT TOLERANCE UPDATES OR CHANGES MADE ON THIS DRAWING MUST ALSO BE REFLECTED ON 35446041-CUS02-S01.

7. GAGE CHECK MUST BE PERFORMED TO VERIFY TERMINAL POSITIONS AFTER ASSEMBLY. USE GAGE J305 BASED ON J1772 STD.

8. ○ SENSITIVE DIM #14 REFERENCED IN LIMITED DRAWING.



S.NO	PART NO	DESCRIPTION	MATERIAL SPECIFICATION	QTY	UOM
19	35648116	M3 SS SCREW WITH EPDM WASHER	STAINLESS STEEL	4	PCS
18	35446076	ACTUATOR	-	1	PCS
-	-	-	-	-	-
16	M8635103	PARKER CHOMERICS GAP FILLER MATERIAL	-	1.5	GRAMS
15	35446069	REAR COVER	POLY CARBONATE COMPOUND	1	PCS
14	35259591	M3 SCREW	STEEL	8	PCS
13	35446078	COMBINED AC & DC TPA	POLYESTER COMPOUND	1	PCS
12	35548258	PERIPHERAL SEAL	SILICONE COMPOUND	1	PCS
11	35446051	DC POWER - ASM	COPPER ALLOY	1	PCS
10	35446049	DC POWER + ASM	COPPER ALLOY	1	PCS
9	35446047	AC SIGNAL PIN	COPPER ALLOY	2	PCS
8	35454632	PIN BLOCK SEAL	SILICONE COMPOUND	1	PCS
7	33103899	DC-O RING	SILICONE COMPOUND	2	PCS
6	35684816	AC-DC PCBA ASSEMBLY	-	1	PCS
5	35446058	AC TERMINAL MATTE SEAL	SILICONE COMPOUND	1	PCS
4	35329575	M4 SCREW	STEEL	4	PCS
3	35446065	INLET HOUSING	POLYESTER COMPOUND	1	PCS
2	35446064	BEAUTY PLATE (INSERT MOLDED)	POLYESTER COMPOUND	1	PCS
1	35476855	FRONT DC DUST COVER	TPV + POLYPROPYLENE COMPOUND	1	PCS

DRAWING NUMBER						
35446041						
SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1x3	1:1	2 OF 2	1 OF 1	R	04	AC

N/A PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED

DIMENSIONAL RANGE (MM)								CHART E1
FROM TO	> 0 20	> 20 30	> 30 70	> 70 100	>100 150	>150 200	>200 250	>250 300	>300 400
TOLERANCE UNLESS OTHERWISE SPECIFIED									
	±0.15	±0.2	±0.3	±0.4	±0.5	±0.6	±0.8	±1	±1.2
ANGULAR TOLERANCE ±2°									

A ——— LINE DRAWN THROUGH A PART NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORDERING.

PART NUMBERS THAT DO NOT HAVE A LINE PRESENT INDICATE THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING.

CONTACT APTIV SALES TO ASSURE AVAILABILITY OF PARTS.

DWG TYPE
PART DRAWING

STYLE

VOLUME (CM³)

DISTR CODE
D

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5-2009. SEE APTIV ENGINEERING DESIGN STANDARD B6 2017 FOR ISO 1101:2004 RECONCILIATION REQUIREMENTS.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

CAD NX

•APTIV•

CONNECTION SYSTEMS

Chennai, India

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		DATE
DR		
APVD1	R. KANNAN	15SE21
APVD2	R. KANNAN	15SE21
APVD3	T. MATHEWS	15SE21
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONT10949001
10949001

MATERIAL
SEE CHART

DRAWING NAME
ASM CONN 5 M H/P 2500 SLD BASE 7 HV

DRAWING NUMBER						
35446041						
SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1x3	1:1	1 OF 2	1 OF 1	R	04	AC

35446041

User: 9J58wn
Part: 35446041-CUS01-S01/04AC Date: 10-Mar-23 Time: 10:59:58
9J58wn,03102023,10:58,169pass,nor