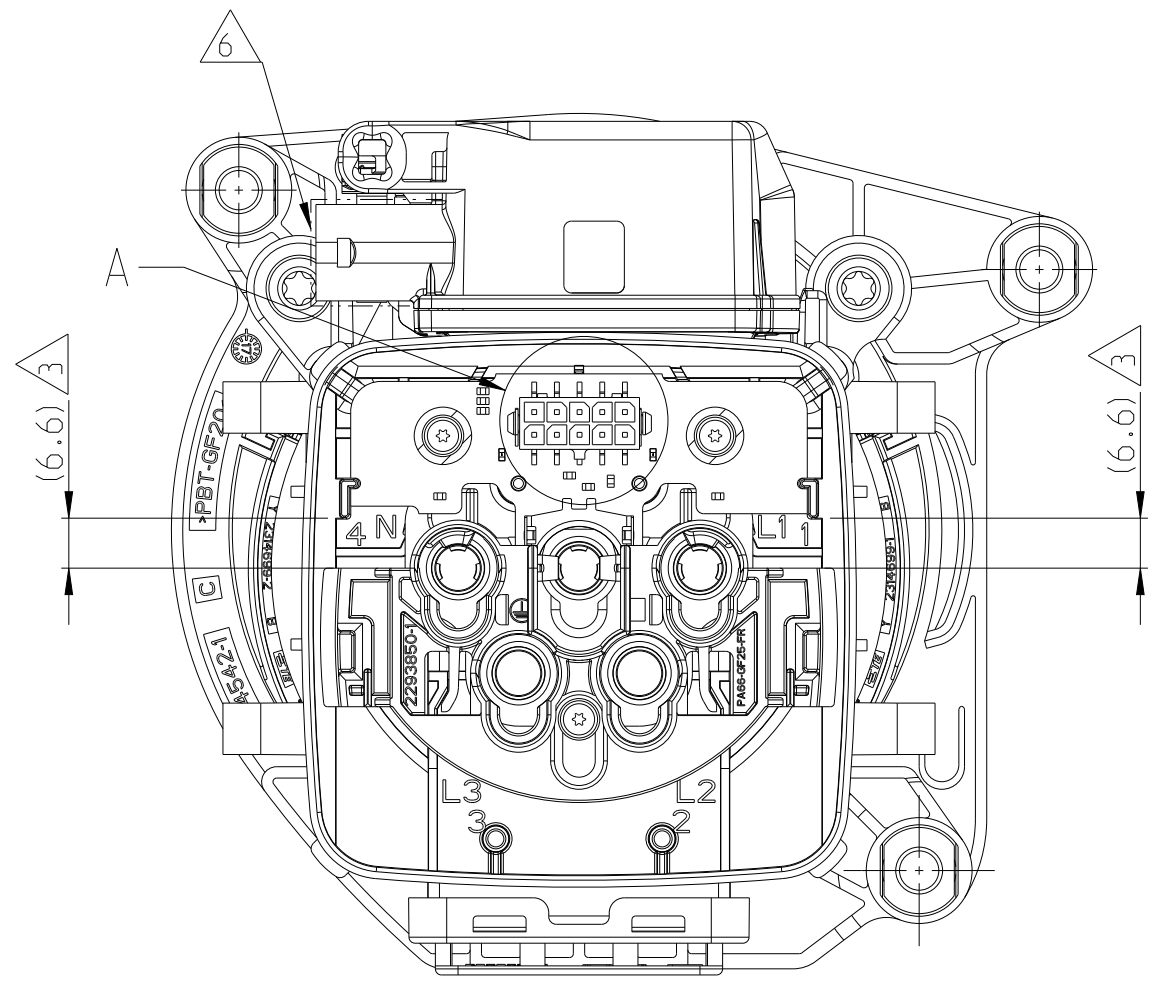
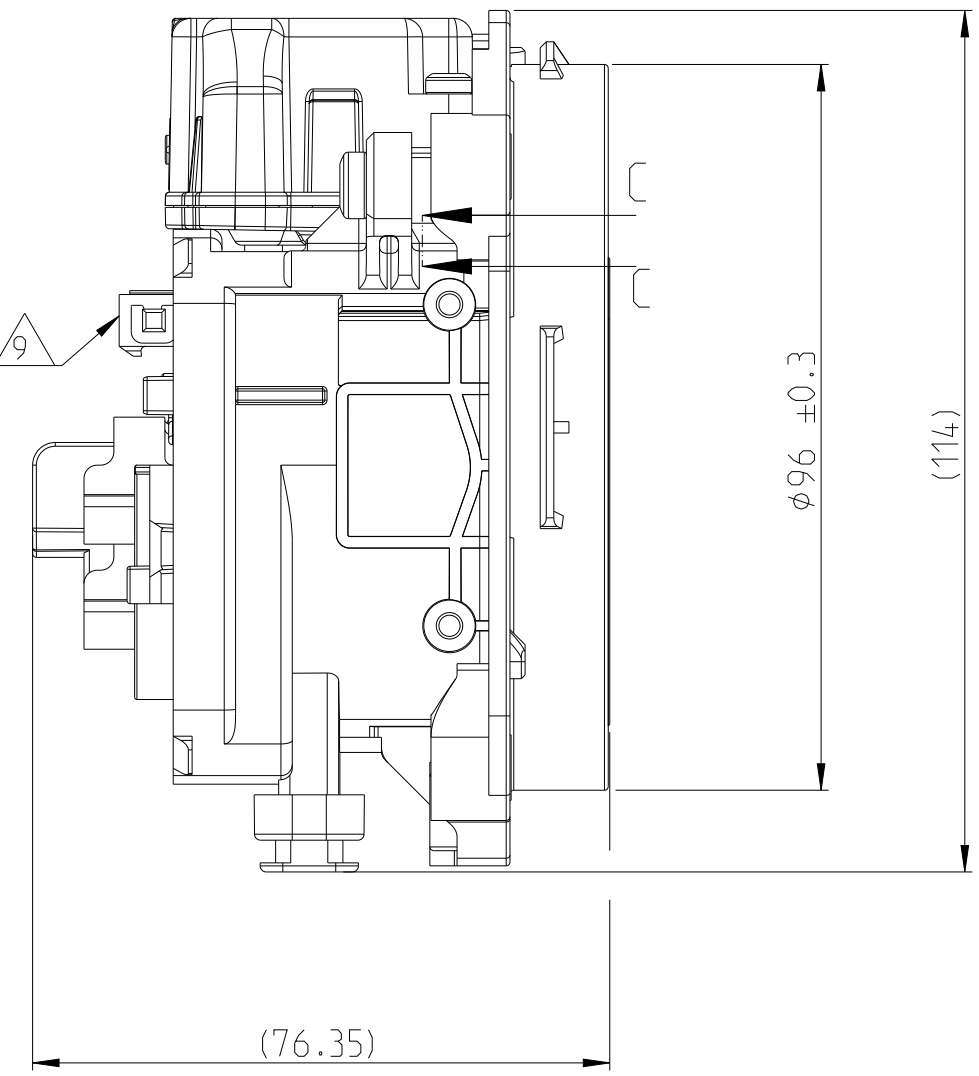
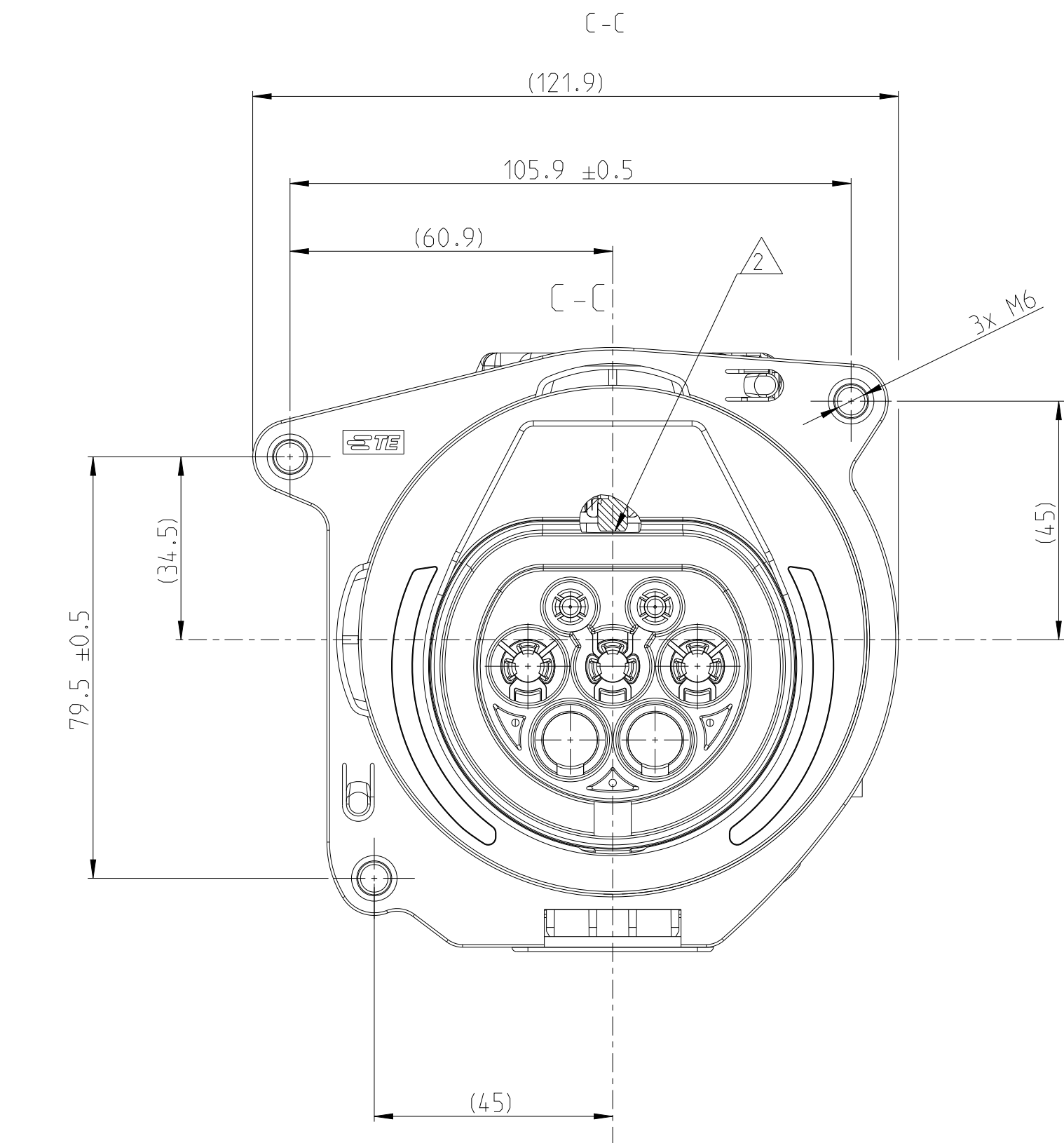
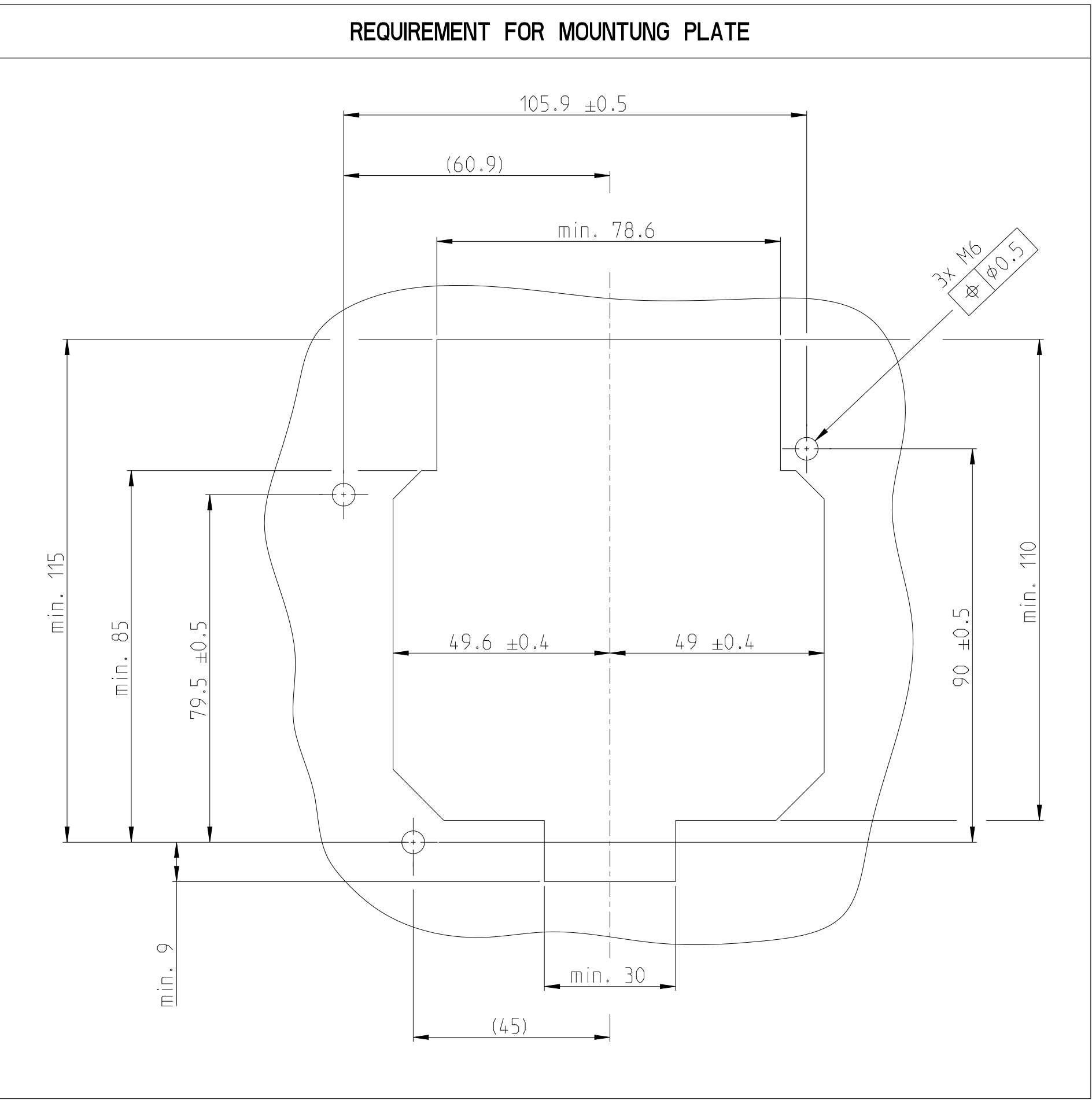




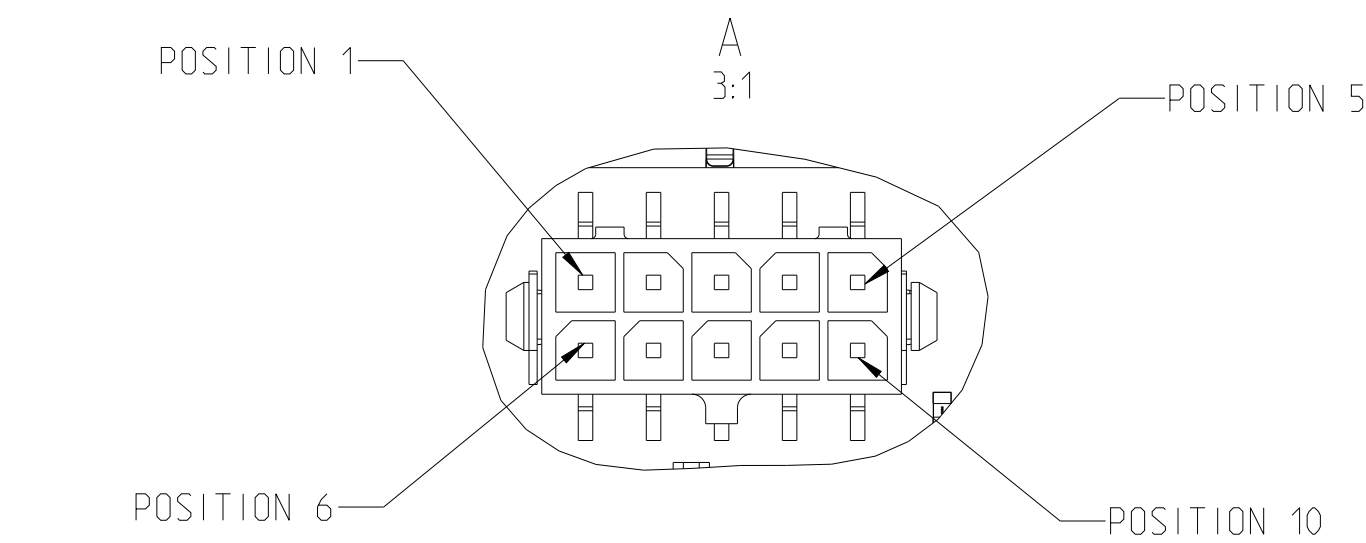
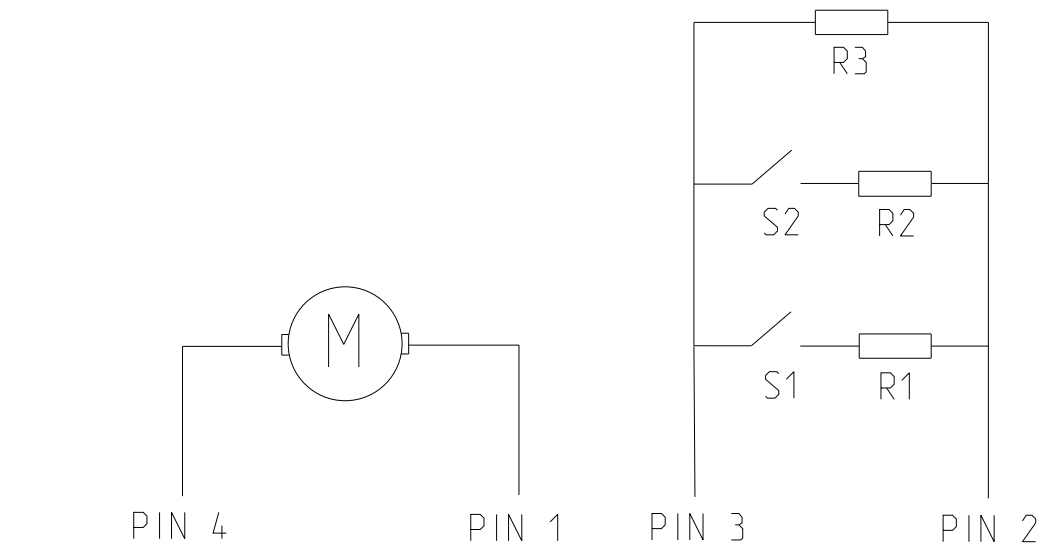
NOTES

- 2 DELIVERY CONDITION OF ACTUATOR: ACTUATOR IN BASE POSITION
- 3 DELIVERY CONDITION: SEC. LOCKS IN PRELOCK POSITION
- 4 CHARGE INLET SIMILAR TO IEC62196-2,TYPE 1, SHEET 2-1
- 5 ADAPTIVE CABLES SEE APPLICATION SPECIFICATION 114-94653
- 6 COMPATIBLE CONNECTOR FOR ACTUATOR: 1-967640-1
- 9 MAKE SURE THAT NO MECHANICAL FORCES ARE APPLIED ON HEADER ON PCBA
- 10 DELIVERY CONDITION OF MANUAL RELEASE OF ACTUATOR AS SHOWN
- 11 FUNCTIONAL AND ELECTRICAL REQUIREMENTS OF ACTUATOR SEE SPECIFICATION 108-94519

ACTUATOR WIRE CONFIGURATION

PIN 3	PIN 2	SENSE RESISTANCE	FUNCTION
—	+	11,000 kOhm ± 2%	LOCKED
		2,194 kOhm ± 2%	DRIVE/ FAULT
		0.989 kOhm ± 2%	UNLOCKED

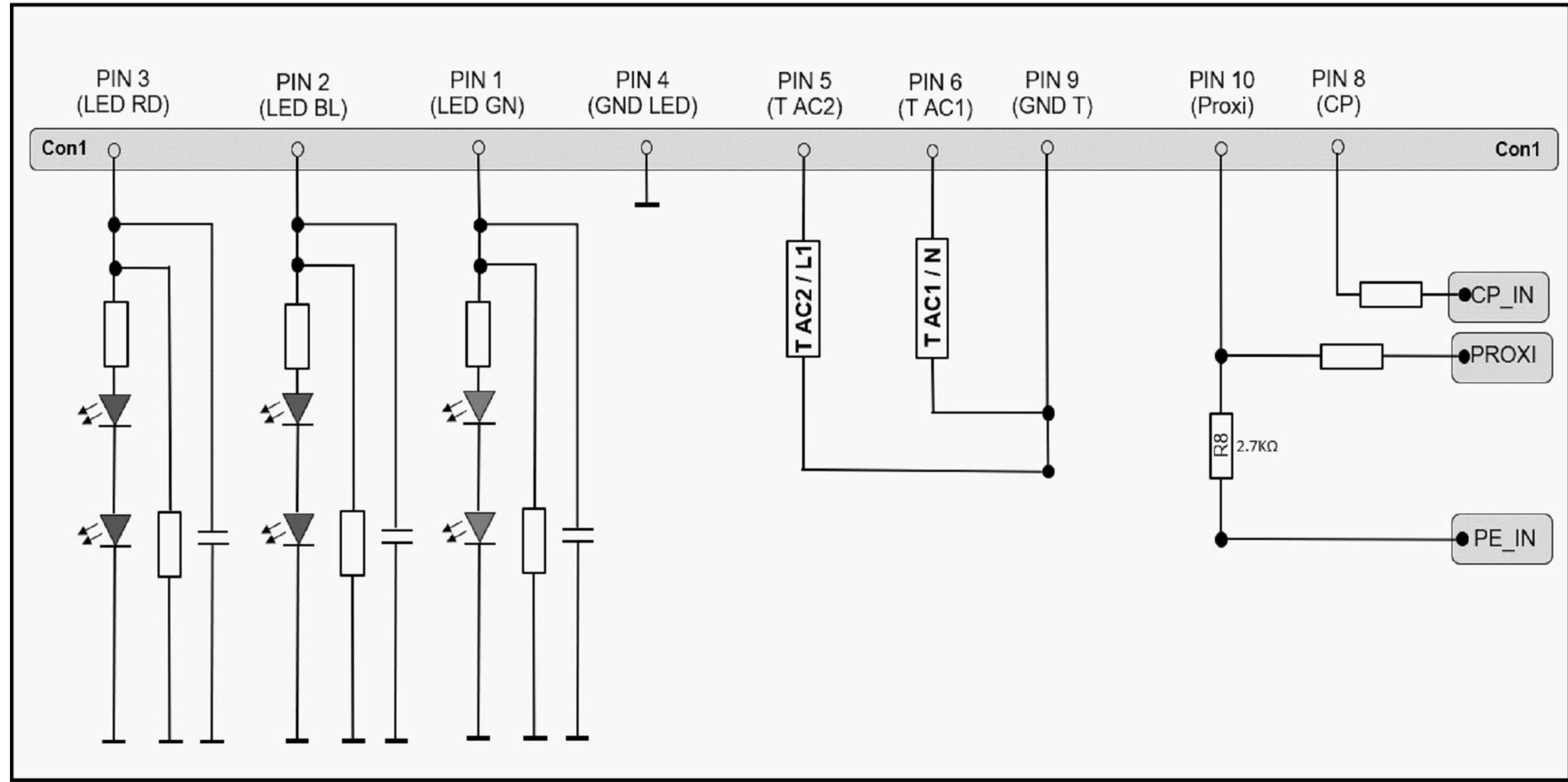
PIN 1	PIN 4	FUNCTION
—	+	UNLOCKING
+	—	LOCKING



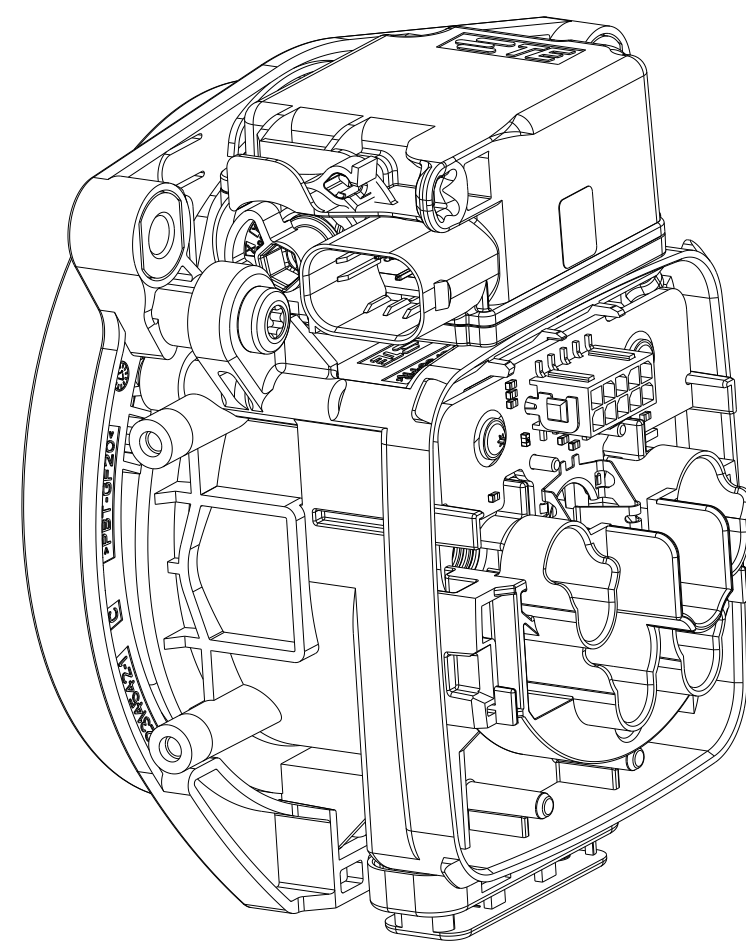
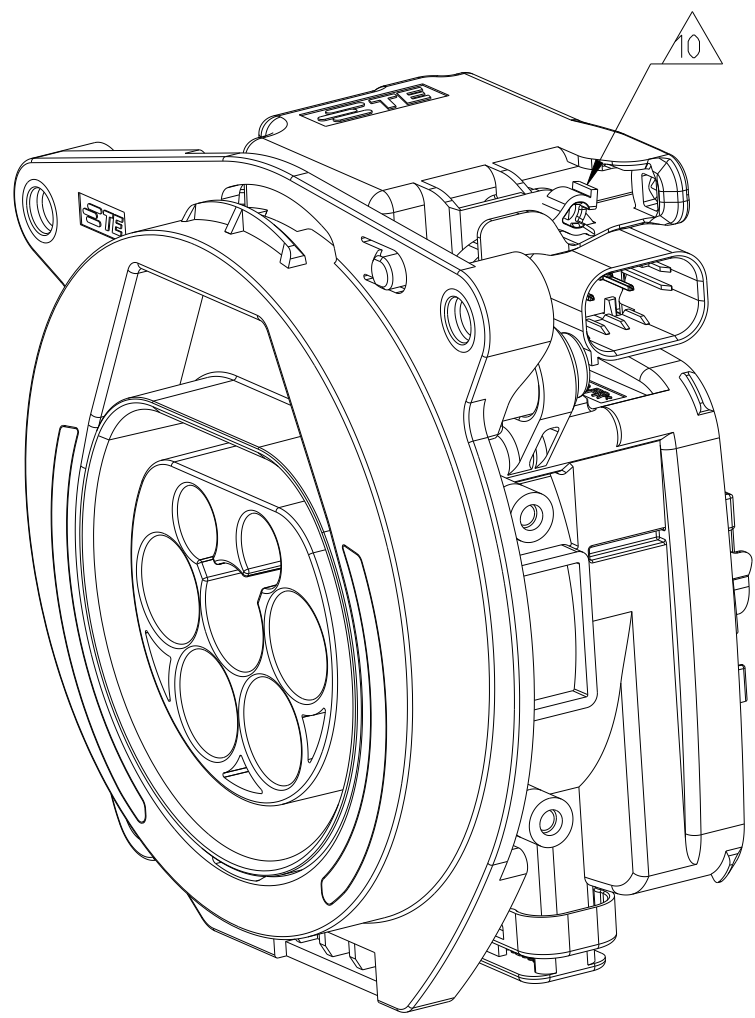
AC-NTC-TEMPERATURE SENSOR:

TEMPERATURE (°C)	RESISTANCE (Ω)
-40	195652.0
-35	148171.0
-30	113347.1
-25	87558.8
-20	68236.7
-15	53649.6
-10	42506.2
-5	33892.2
0	27218.6
5	22021.1
10	17925.5
15	14673.5
20	12080.5
25	10000.0
30	8314.5
35	6947.9
40	5833.6
45	4916.9
50	4160.9
55	3535.0
60	3014.3
65	2586.1
70	2227.5
75	1924.5
80	1668.5
85	1452.1
90	1268.0
95	1109.6
100	973.8

CIRCUIT DIAGRAM (FOR INFORMATION ONLY)



AS SHOWN
9-2368472-2
ISOMETRIC VIEW

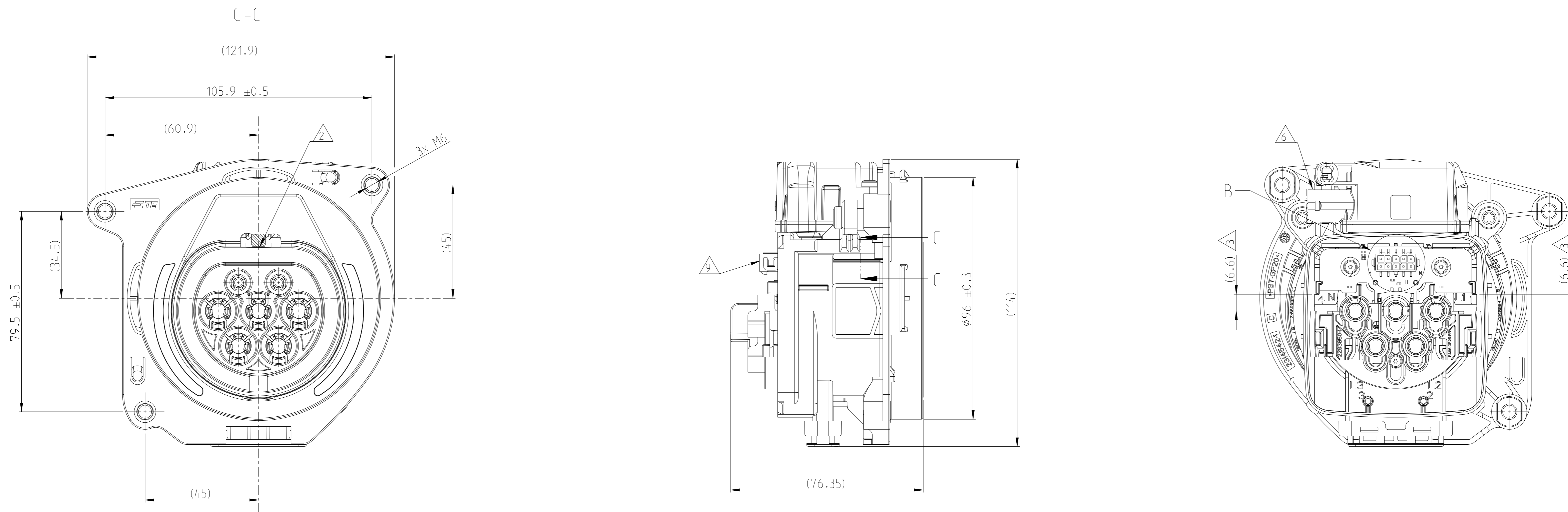


PINNING PCB

SIGNAL NAME	DESCRIPTION	10 WAY HEADER POSITION
GREEN_DRV	GREEN LED CURRENT DRIVING CHANNEL	1
BLUE_DRV	BLUE LED CURRENT DRIVING CHANNEL	2
RED_DRV	RED LED CURRENT DRIVING CHANNEL	3
GND	MAIN GROUND	4
T_AC2	TEMPERATURE SENSOR FOR AC PIN	5
T_AC1	TEMPERATURE SENSOR FOR AC PIN	6
OPTIONAL	MAY BE USED FOR ADDITIONAL FUNCTION	7
CP	CONTACT PILOT	8
T_GND	TEMPERATURE ANALOG GROUND	9
PROXI	PROXIMITY PIN CONNECTION	10

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCE PER GPS (ISO STANDARDS).		REV. 01, CSISZ01, 14MAY2020	NAME INLET HSG. AC TYPE 2, ASSY	
DIMENSIONS: (mm)	ISO 2768-MK	APPROVED: S. Kumar, 14MAY2020	SIZE IEC 62196-2	
MATERIAL SEE TABLE	FINISH	WEIGHT	RESTRICTED TO	
CUSTOMER DRAWING		SCALE 1:1	SHEET 1 OF 4	

REVISIONS				
P	LV	DESCRIPTION	DATE	APPD
-	-	SEE SHEET 1	-	-



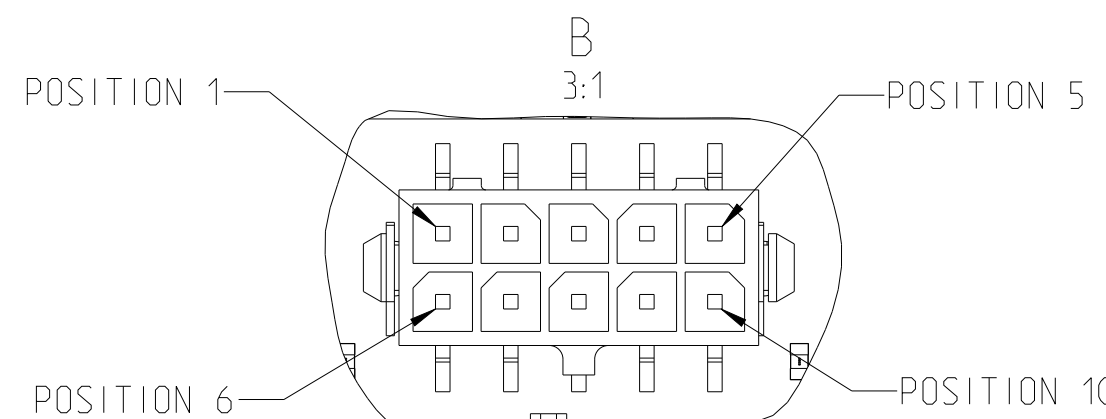
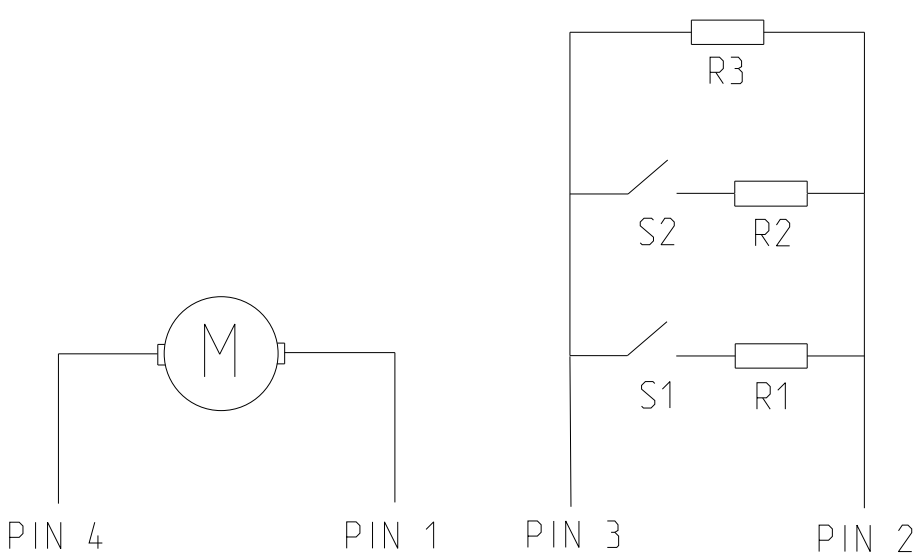
NOTES

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- 3 DELIVERY CONDITION: SEC. LOCKS IN PRELOCK POSITION
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- 9 MAKE SURE THAT NO MECHANICAL FORCES ARE APPLIED ON HEADER ON PCBA
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- 11 FUNCTIONAL AND ELECTRICAL REQUIREMENTS OF ACTUATOR SEE SPECIFICATION 108-94519

ACTUATOR WIRE CONFIGURATION

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—	+	2,194 kOhm ± 2%	DRIVE/ FAULT
—	+	0,989 kOhm ± 2%	UNLOCKED

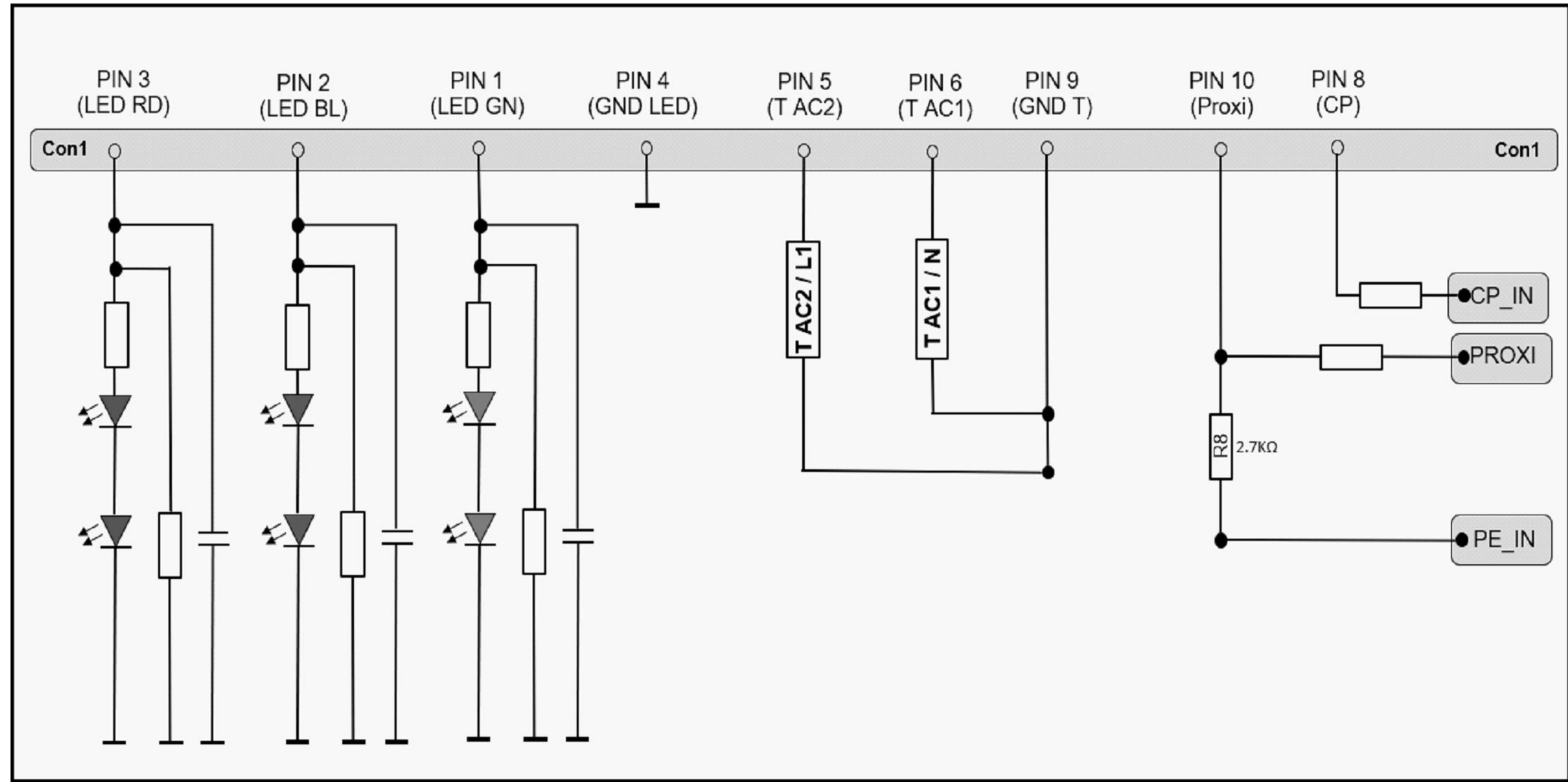
PIN 1	PIN 4	FUNCTION
—	+	UNLOCKING
+	—	LOCKING



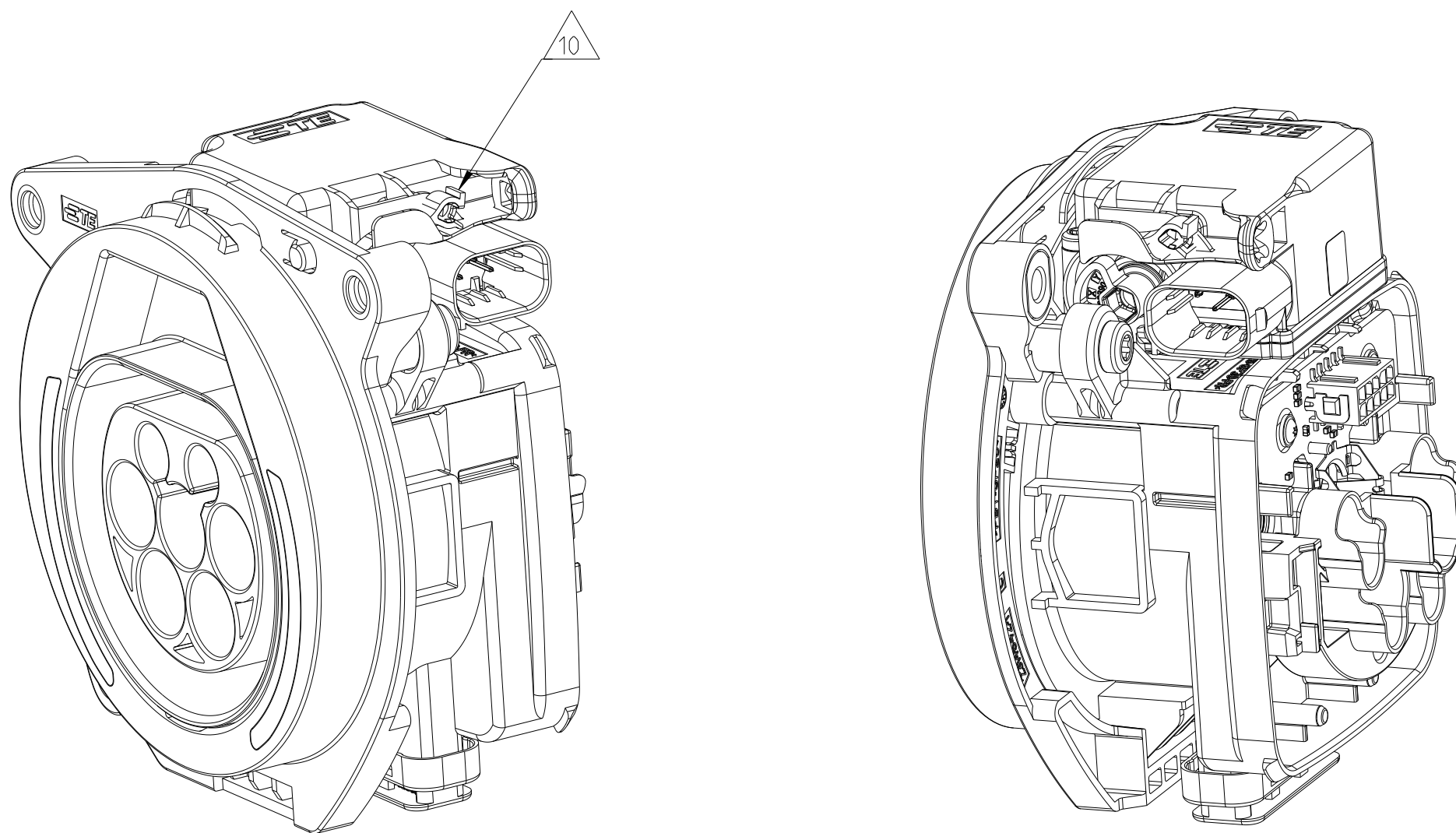
AC-NTC-TEMPERATURE SENSOR:

TEMPERATURE (°C)	RESISTANCE (kΩ)
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-35	148171.0
-30	113347.1
-25	87558.8
-20	68236.7
-15	53649.6
-10	42506.2
-5	33892.2
0	27218.6
5	22021.1
10	17925.5
15	14673.5
20	12080.5
25	10000.0
30	8314.5
35	6947.9
40	5833.6
45	4916.9
50	4160.9
55	3535.0
60	3014.3
65	2586.1
70	2227.5
75	1924.5
80	1668.5
85	1452.1
90	1268.0
95	1109.6
100	973.8

CIRCUIT DIAGRAM (FOR INFORMATION ONLY)



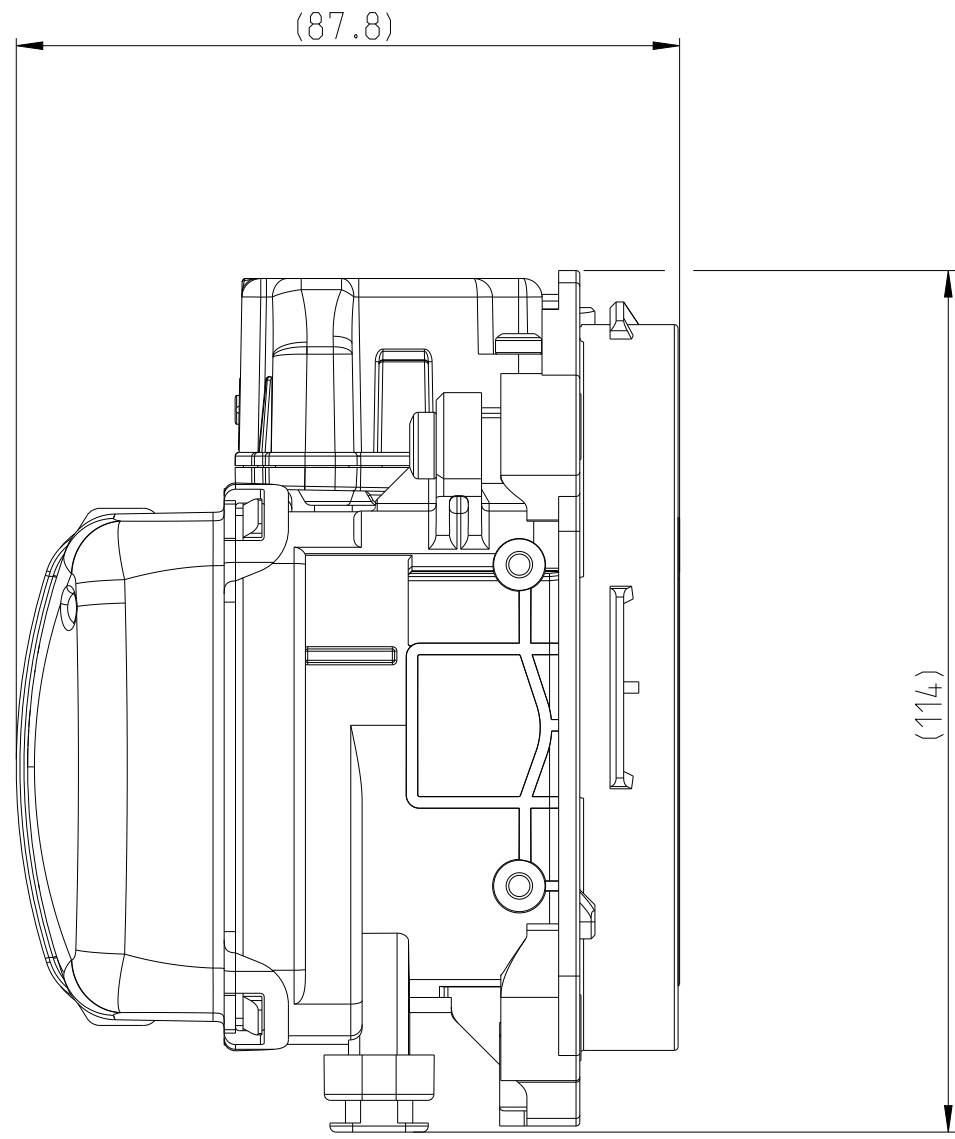
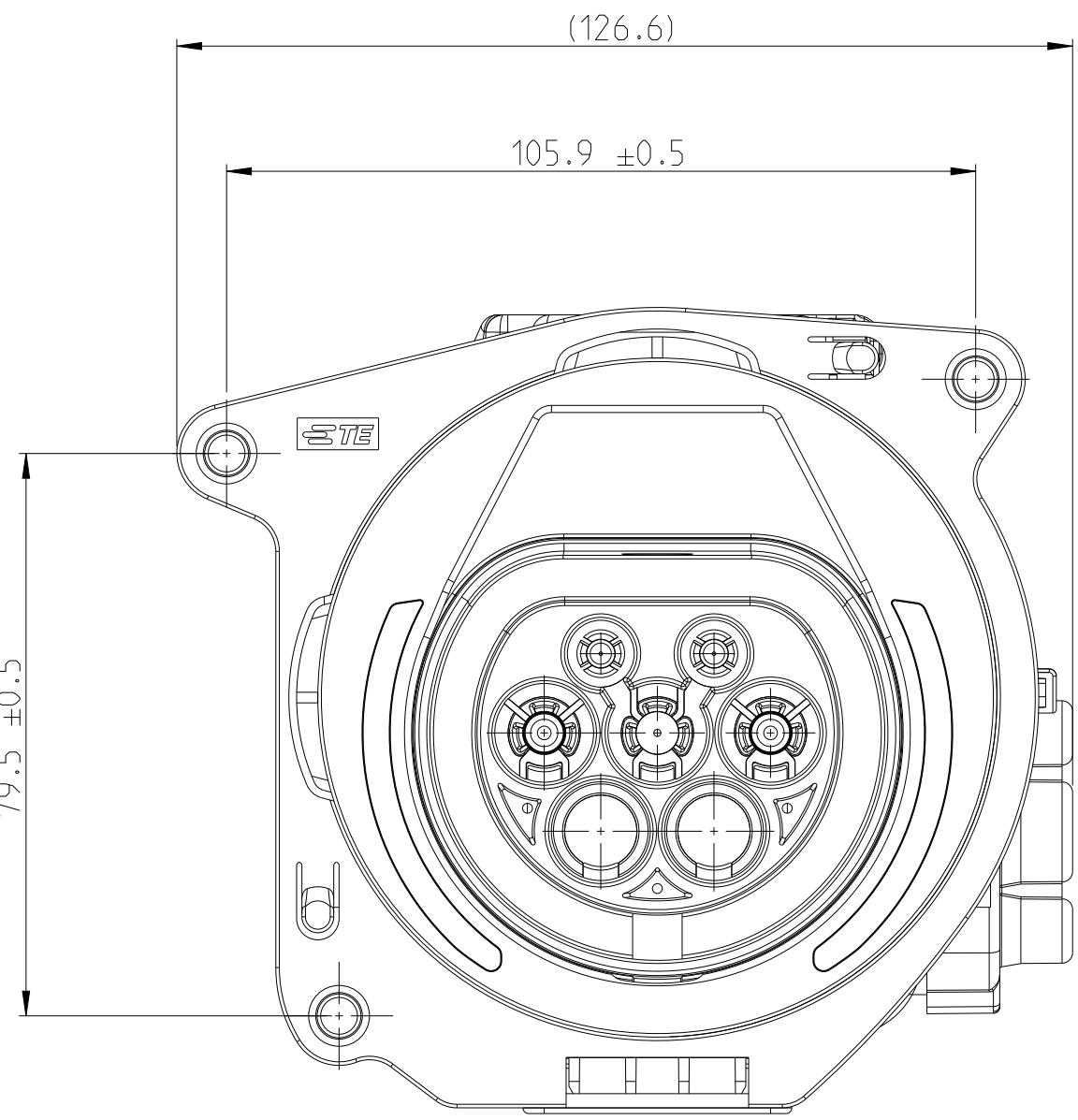
AS SHOWN
9-2368472-3
ISOMETRIC VIEW



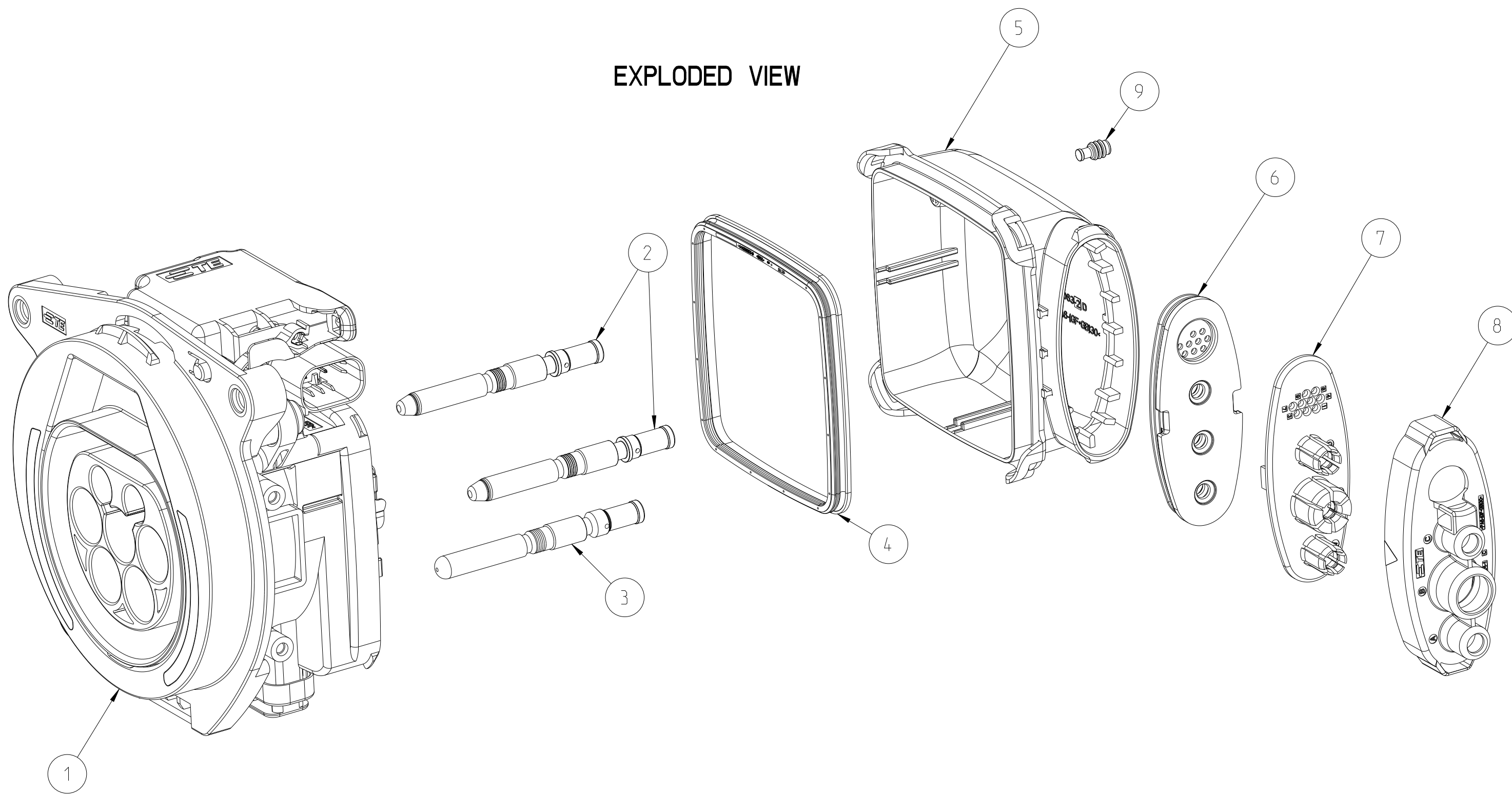
PINNING PCB

SIGNAL NAME	DESCRIPTION	10 WAY HEADER POSITION
GREEN_DRV	GREEN LED CURRENT DRIVING CHANNEL	1
BLUE_DRV	BLUE LED CURRENT DRIVING CHANNEL	2
RED_DRV	RED LED CURRENT DRIVING CHANNEL	3
GND	MAIN GROUND	4
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OPTIONAL	MAY BE USED FOR ADDITIONAL FUNCTION	7
CP	CONTACT PILOT	8
T_GND	TEMPERATURE ANALOG GROUND	9
PROXI	PROXIMITY PIN CONNECTION	10

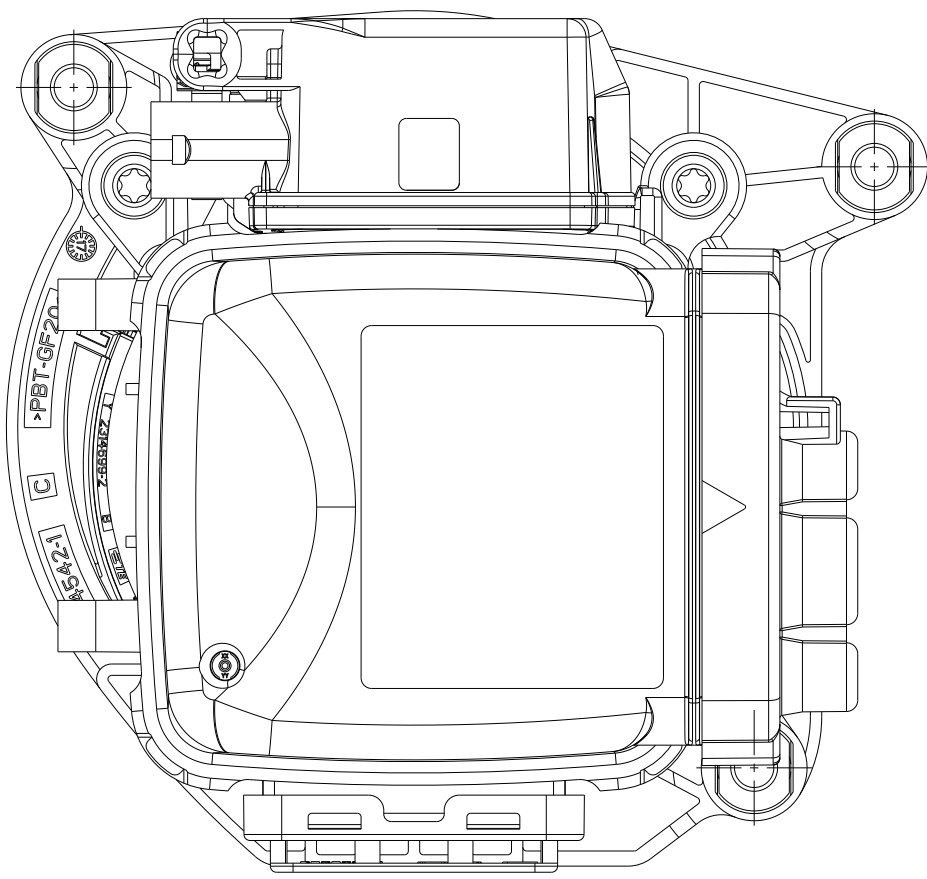
THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER GPS (ISO STANDARDS).		REV. 10MAY2020	DATE 10MAY2020	NAME INLET HSG. AC TYPE 2, ASSY
DRAWN BY S. Kumar	CHECKED BY S. Kumar	APPROVED BY S. Kumar	DATE 10MAY2020	SIZE IEC 62196-2
ISO 2768-MK	ISO 2768-MK	ISO 2768-MK	ISO 2768-MK	00779
MATERIAL SEE TABLE	FINISH	WEIGHT	CUSTOMER DRAWING	SCALE 1:1
SHEET 2 OF 4		REV. B2		



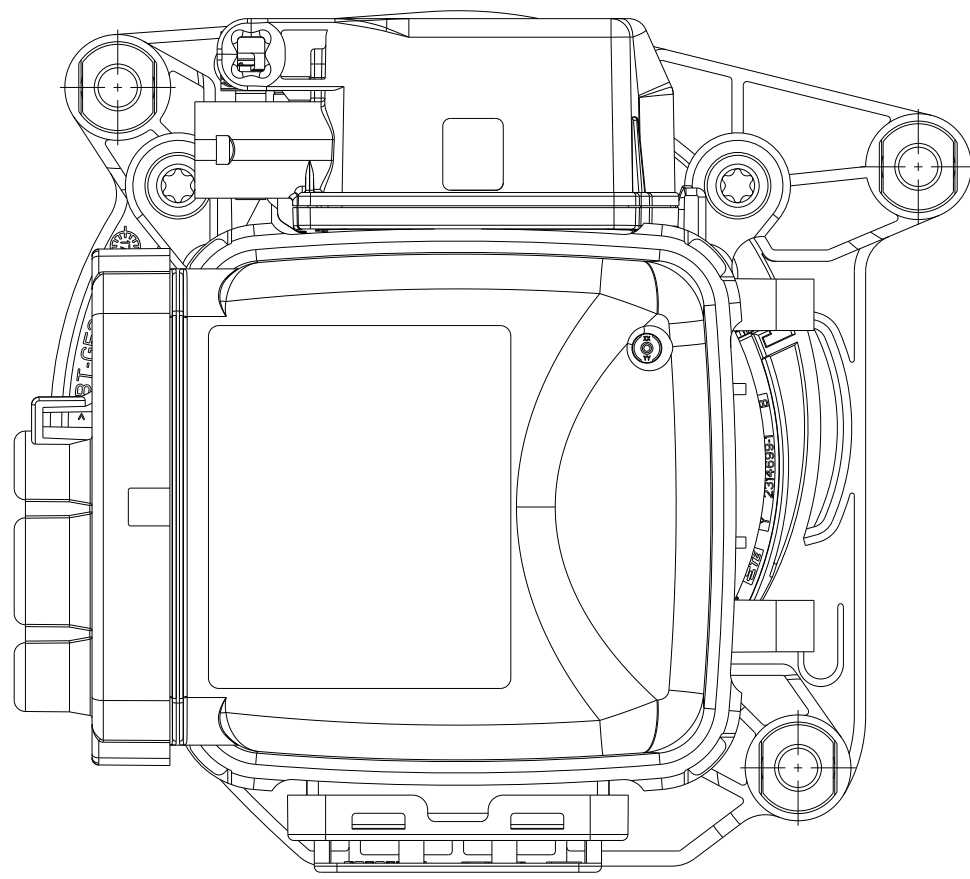
- NOTES
- 1 NOT FOR SALE.DESCRIBES ONLY THE BOM AND THE ASSEMBLY OF THE COMPLETE PRODUCT
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 - 3 ADAPTIVE CABLES SEE APPLICATION SPECIFICATION 114-94653
 - 4 COMPATIBLE PCB CONNECTOR: PN 1-794617-0 WITH TERMINAL PN 0-794606-1
 - 5 FUNCTIONAL AND ELECTRICAL REQUIREMENTS OF ACTUATOR SEE SPECIFICATION 108-94519
 - 6 COMPATIBLE CONNECTOR FOR ACTUATOR: 1-967640-1
 - 7 APPLICABLE SCREWS FOR MOUNTING, HEAD DIAMETER MIN. 10.5mm, TORQUE 6Nm±0.9Nm FOR M6 SCREWS
 - 8 MAX VOLTAGE AND CURRENT RATING FOR AC, SEE PRODUCT SPECIFICATION 108-94780



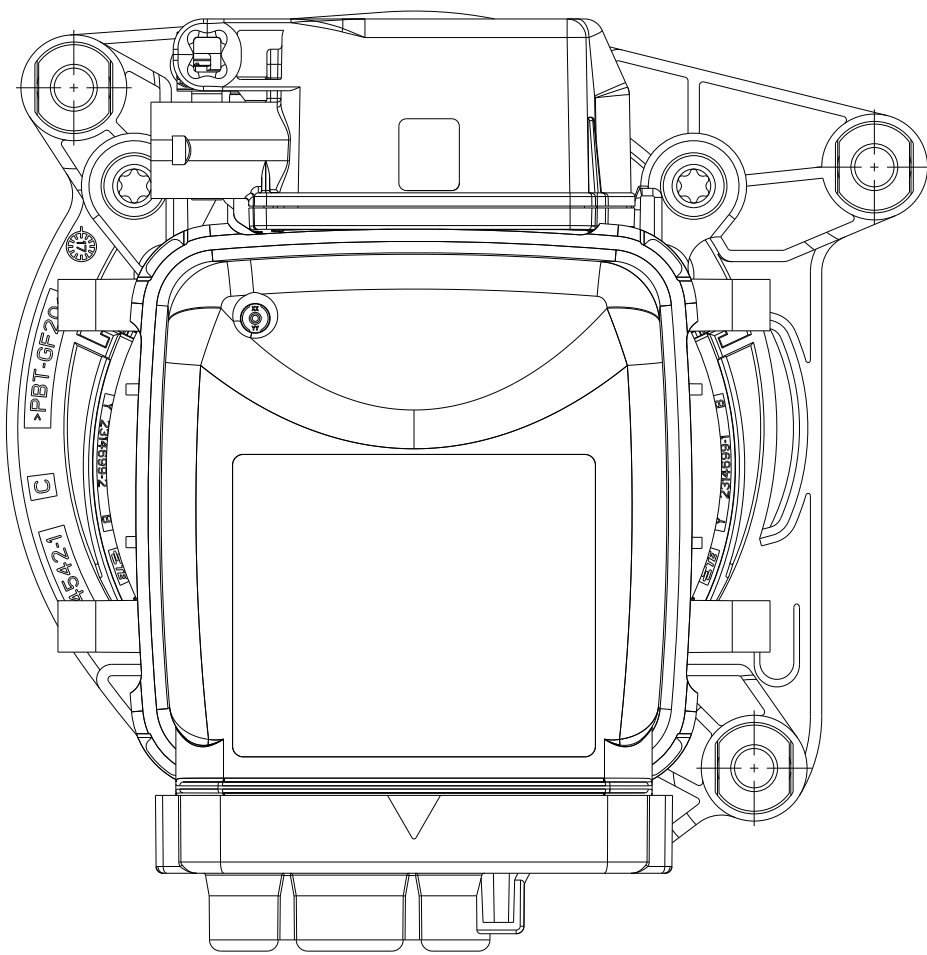
LEFT CABLE EXIT



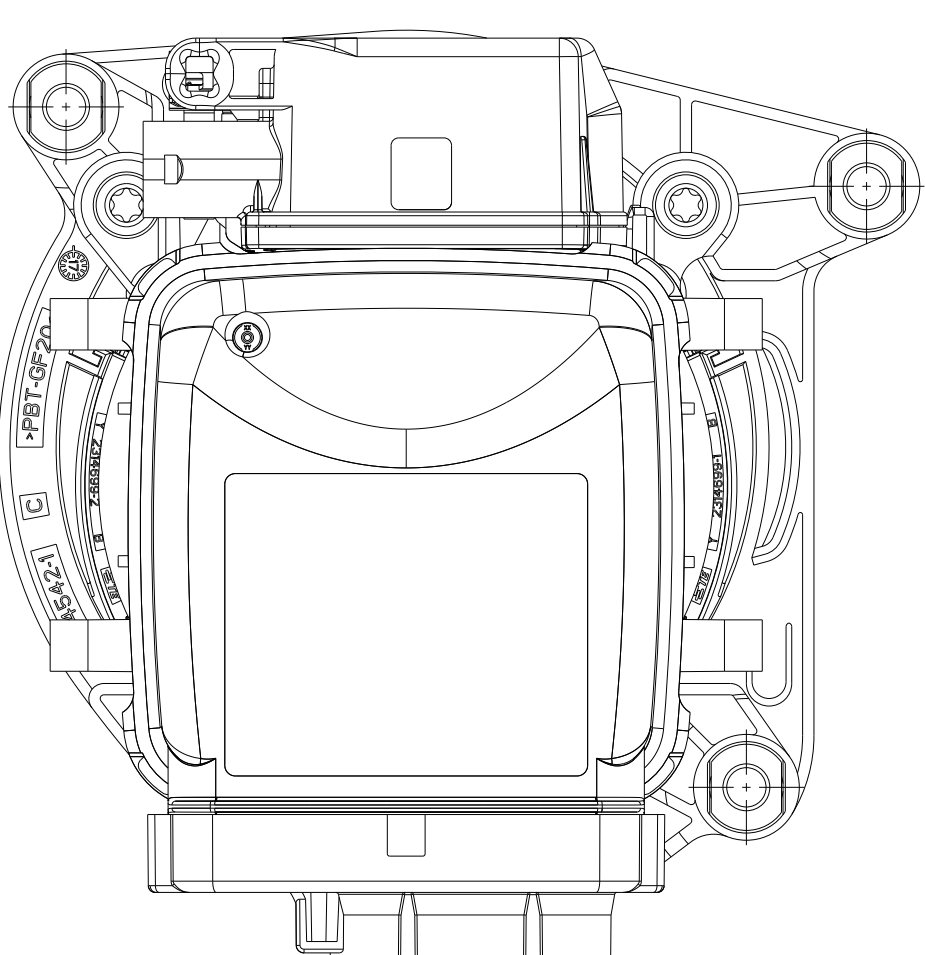
RIGHT CABLE EXIT



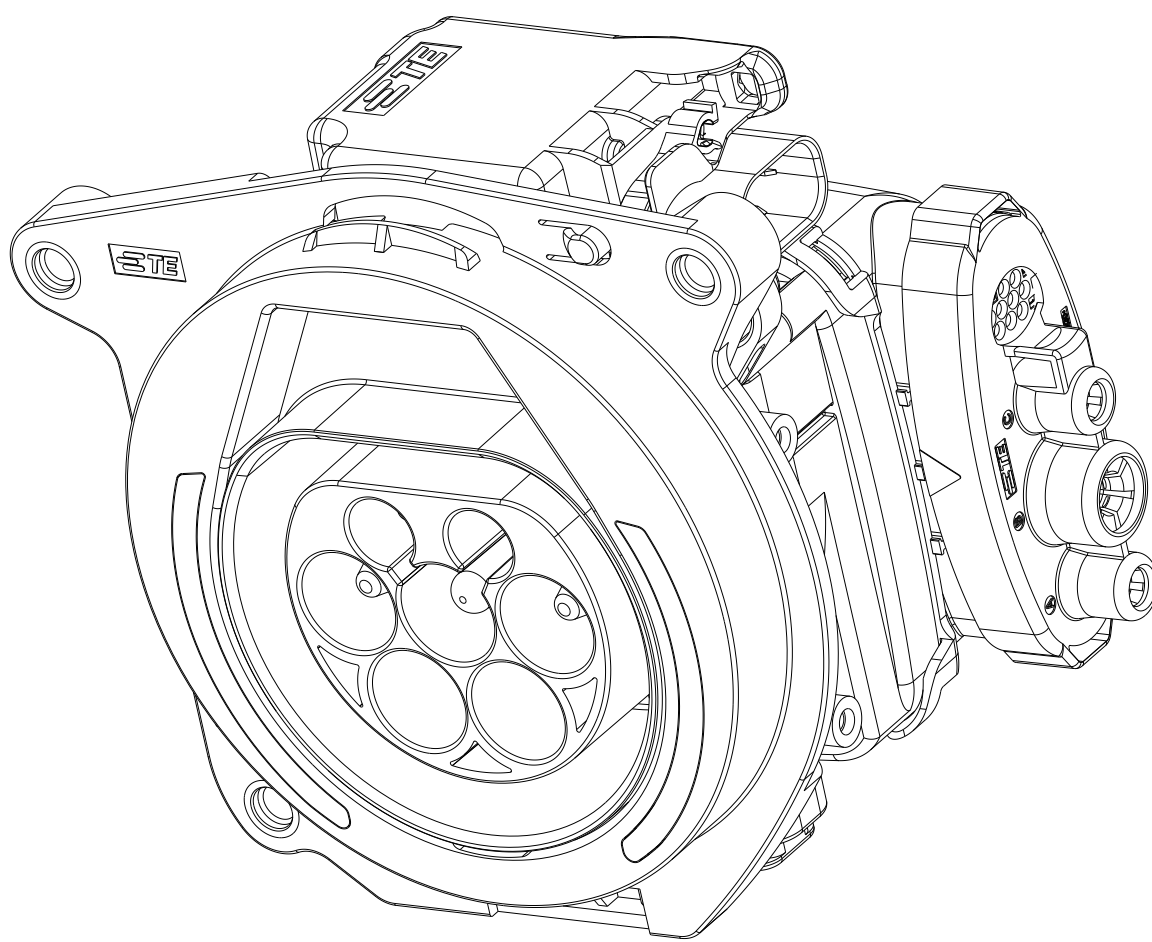
DOWN CABLE EXIT WITH SIGNAL LEFT



DOWN CABLE EXIT WITH SIGNAL RIGHT

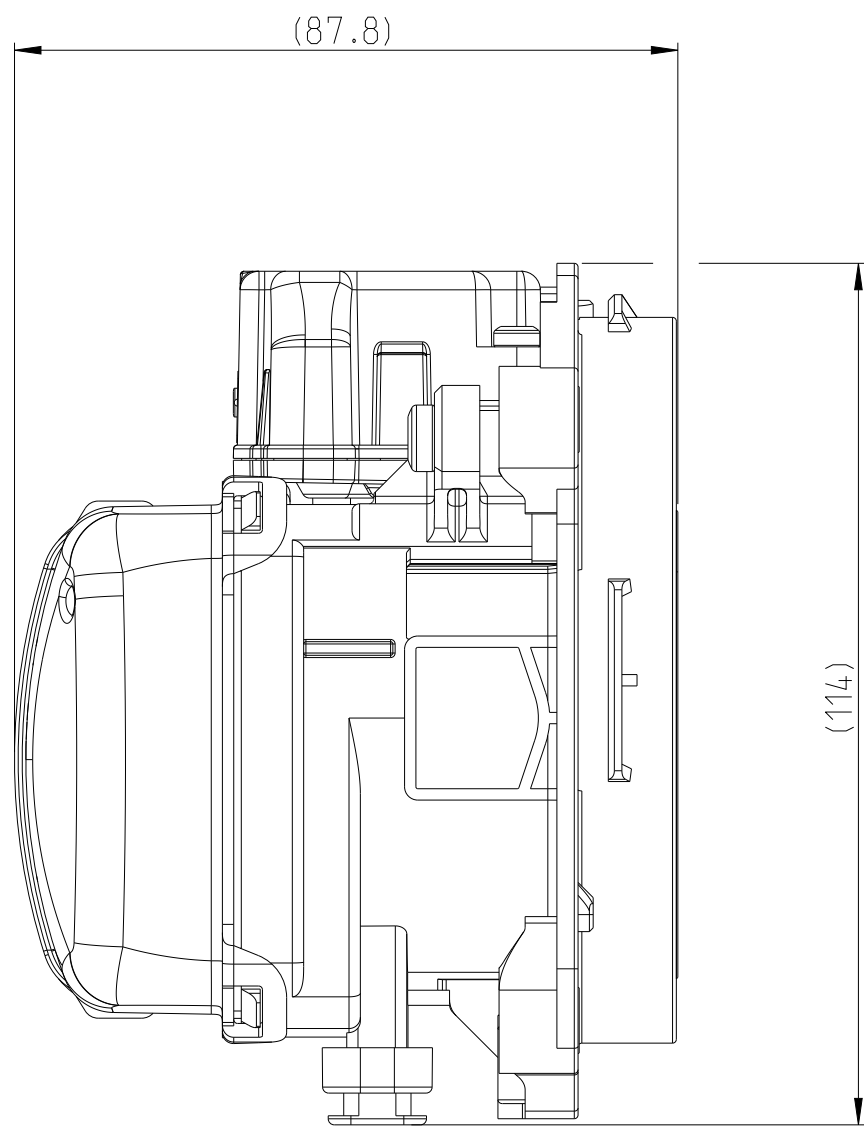
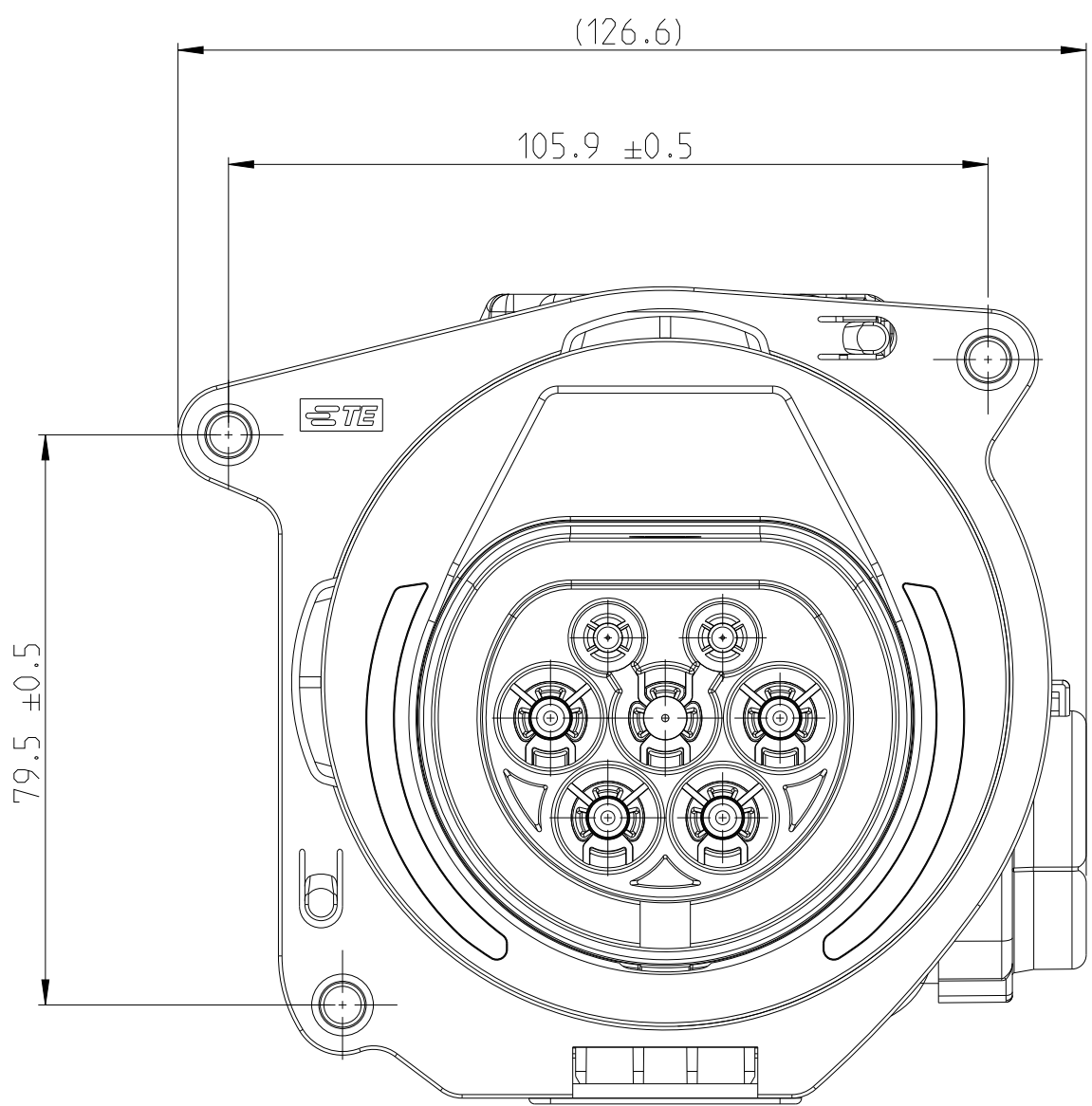


ISOMETRIC VIEW



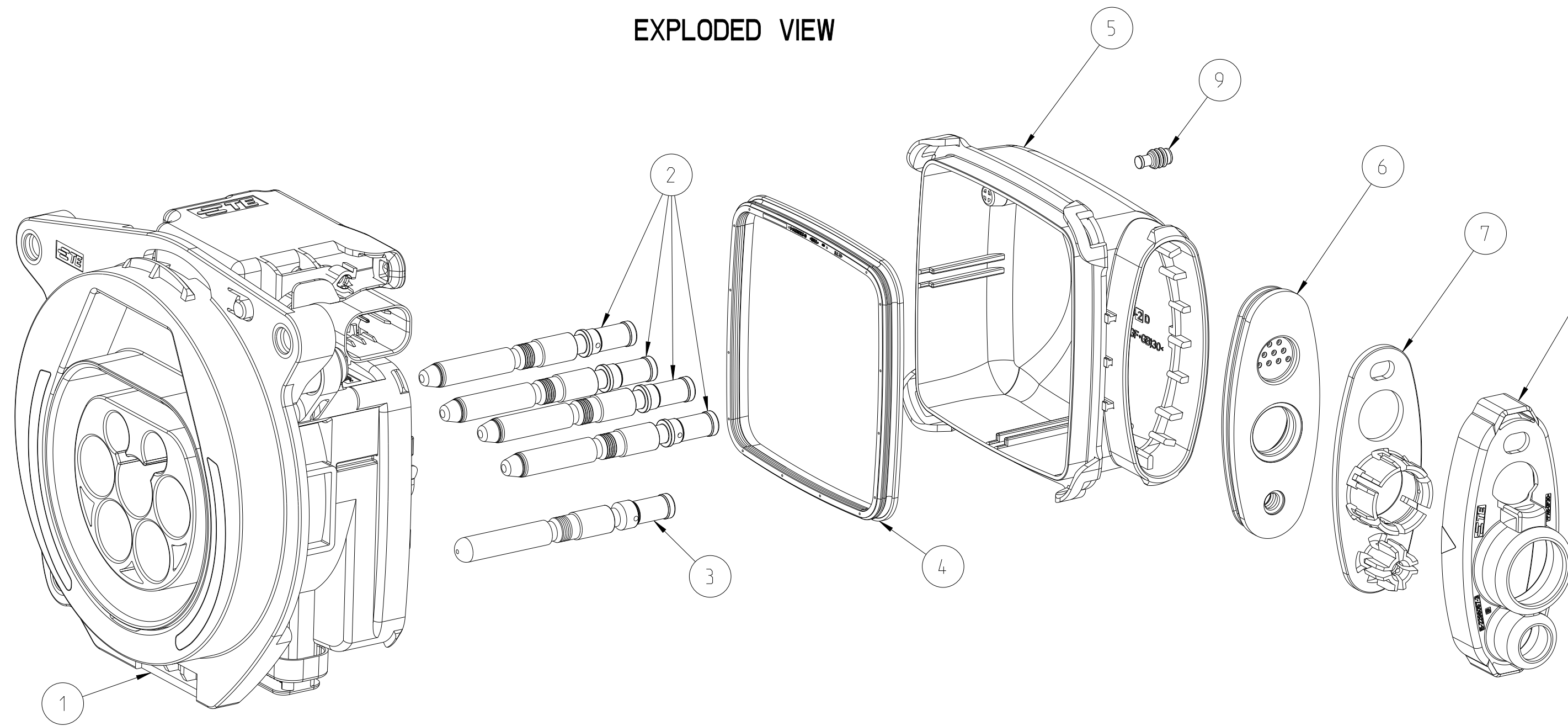
	1	963143-1	E	CAVITY PLUG FOR CAVITY	VMQ	WHITE	9
	1	5-2316424-1	C	COVER, CABLE SEAL, AC	PA6-GF10-GB20	BLACK	8
	1	2316423-1	E	STRAIN RELIEF, AC	PA6-(GF+GB)30	NATURAL	7
	1	2316422-1	C	FAMILY SEAL, AC	SILICON RUBBER	NATURAL	6
	1	5-2296063-2	D	CABLE EXIT, RECT 90DEG	PA6-GF10-GB20	BLACK	5
	1	0-2320214-1	B	PERIPHERAL SEAL CHARGE INLET	VMQ	LIGHT BLUE	4
	1	2293270-3	A	PIN CONTACT, DIA6.0, PE	BRASS	SILVER	3
	2	2293269-3	A	PIN CONTACT, DIA6.0, L/N, ASSY	BRASS	SILVER	2
	1	9-2368472-2	B	HSG, INLET TYP2, ASSY	-	-	1
QTY	ORDER PN	REV	PART DESCRIPTION	MATERIAL	SURFACE/COLOR	ITEM NO	
WIRE SIZE 2 6mm ²	1-2368472-2						

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER GPS (ISO STANDARDS).										DESIGNED BY S. Csiszot		14MAY2020				TE Connectivity	
DIMENSIONS: (mm)										APPROVED BY S. Kumar		14MAY2020		NAME		INLET HSG. AC TYPE 2, ASSY	
TOLERANCES IN MM										PRODUCT SPEC		APPLICATION SPEC		SIZE		A0	
ISO 2768-mK										10.0 - 94.780		10.0 - 94.780		IEC 62196-2		DRAWING NO	
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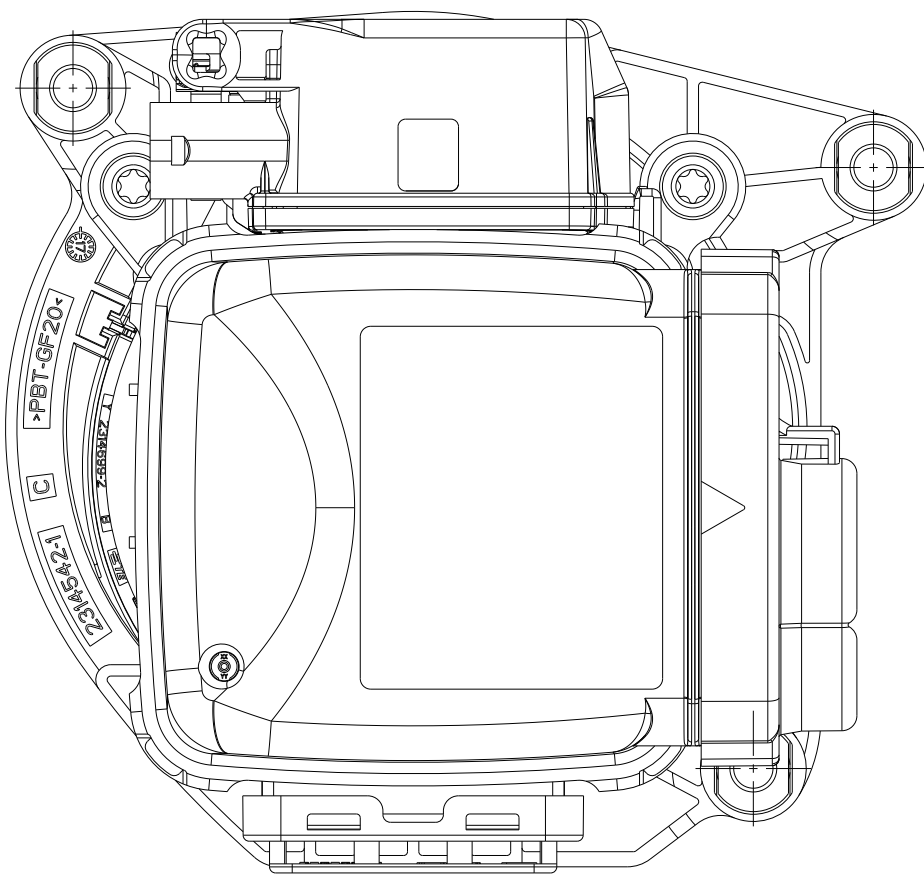


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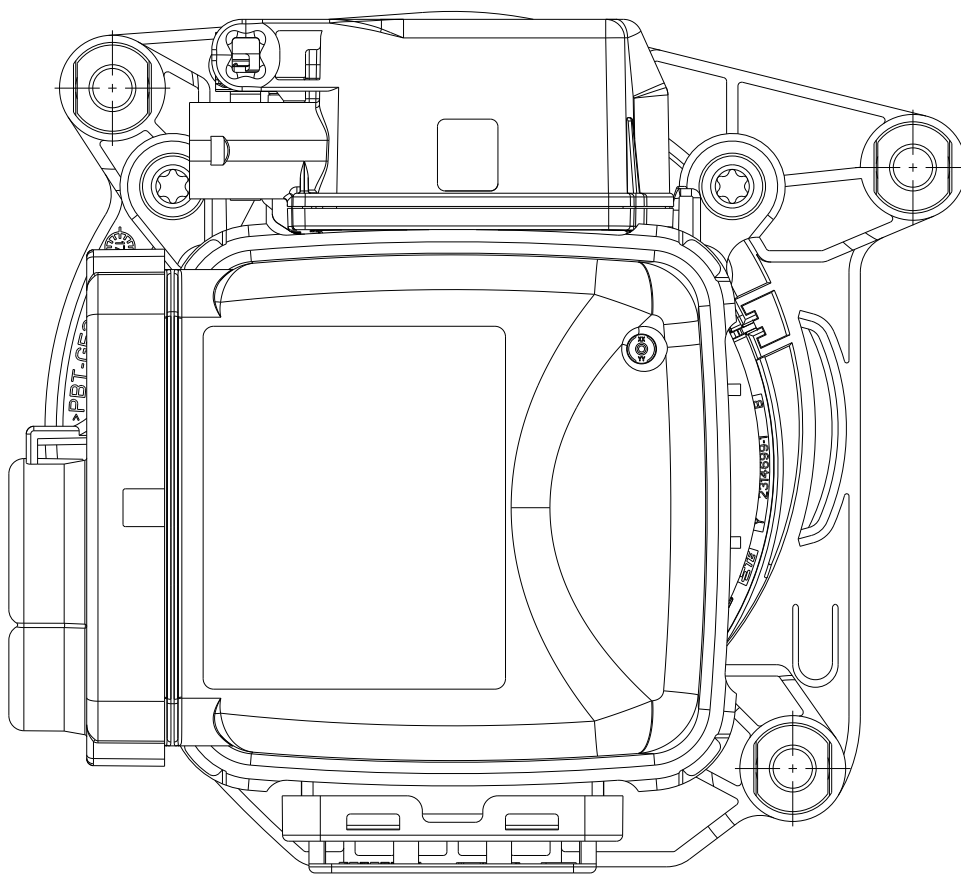
EXPLODED VIEW



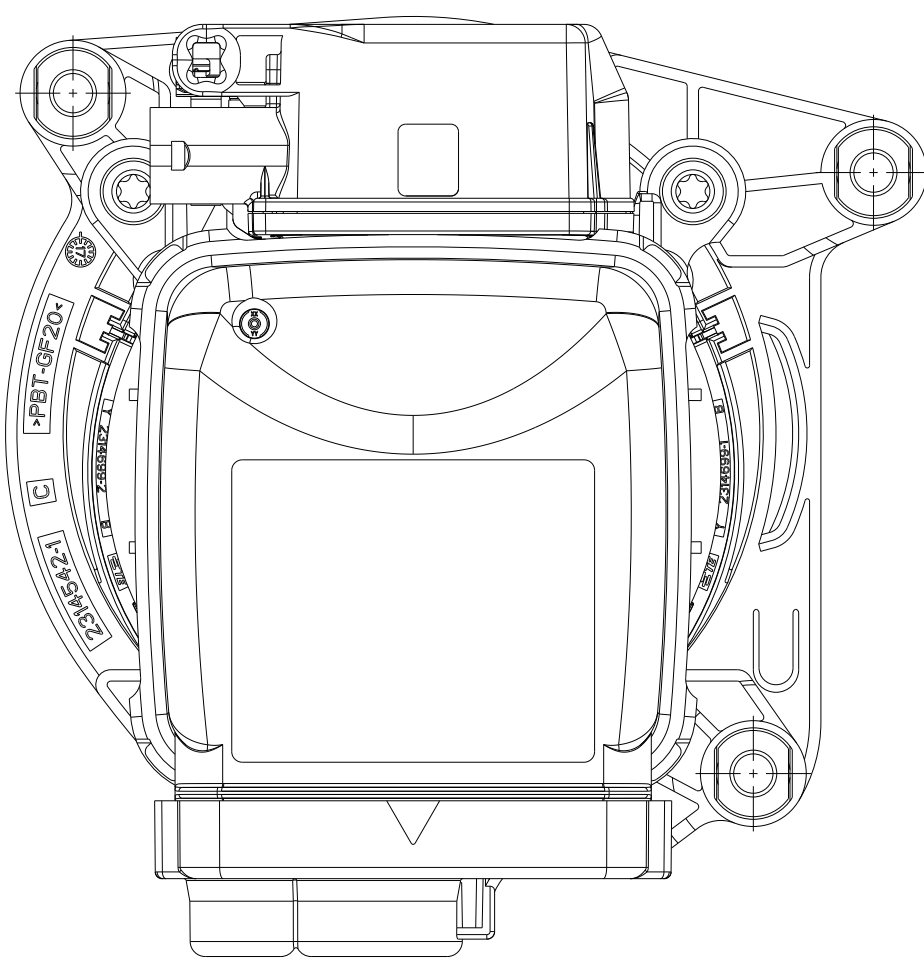
LEFT CABLE EXIT



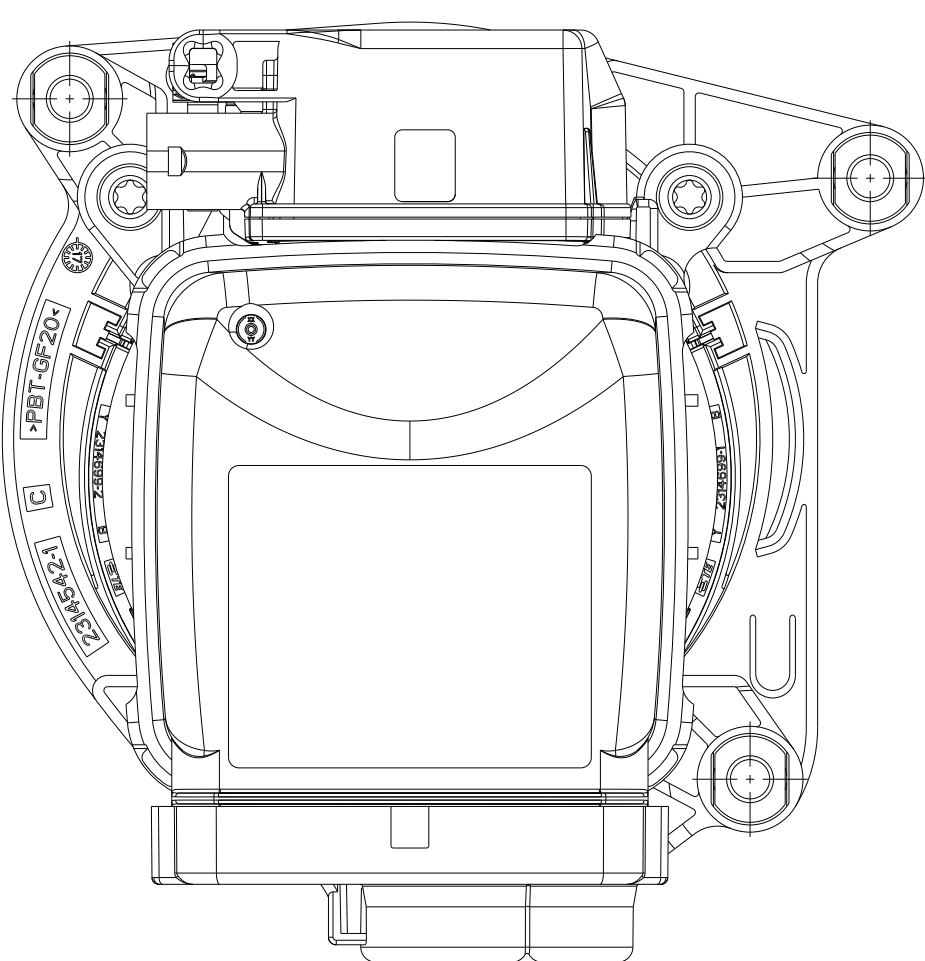
RIGHT CABLE EXIT



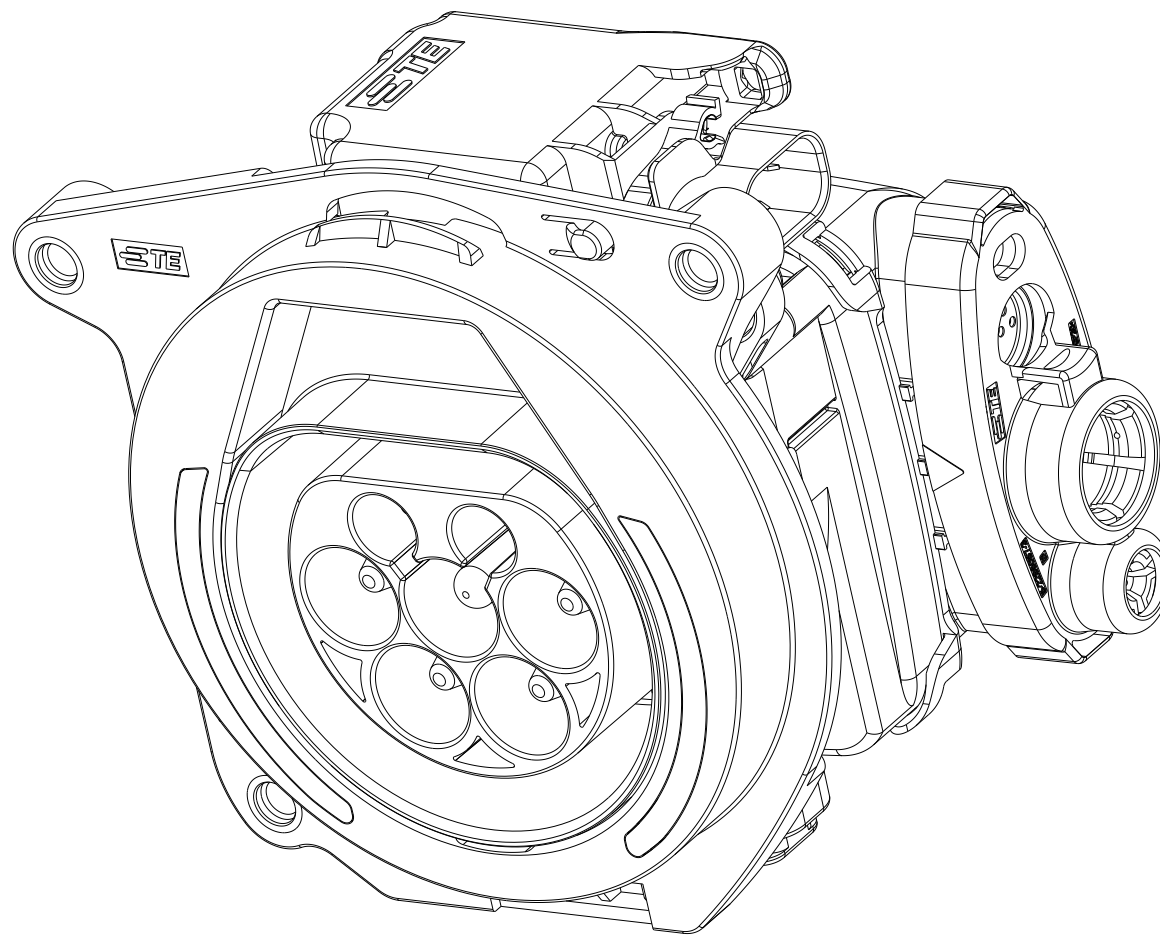
DOWN CABLE EXIT WITH SIGNAL LEFT



DOWN CABLE EXIT WITH SIGNAL RIGHT



ISOMETRIC VIEW



QTY WIRE SIZE 2 4x6mm	1	963143-1	E	CAVITY PLUG FOR CAVITY DIA 4	VMQ	WHITE	9
	1	5-2296057-3	B	COVER, CABLE SEAL, AC	PA6-GF10-GB20	BLACK	8
	1	1-2344703-5	A	STRAIN RELIEF, AC	PA6-(GF+GB)30	RED	7
	1	2-2296040-7	A	FAMILY SEAL, AC	VMQ	NATURAL	6
	1	5-2296063-2	D	CABLE EXIT, RECT 90DEG	PA6-GF10-GB20	BLACK	5
	1	0-2320214-1	B	PERIPHERAL SEAL,63,63.CHARGE INLET,AC	VMQ	LIGHT BLUE	4
	1	2293270-3	A	PIN CONTACT, DIA 6.0, PE	BRASS	SILVER	3
	4	2293269-3	A	PIN, DIA 6.0, L/N, ASSY	BRASS	SILVER	2
	1	9-2368472-3	B	HSG, INLET TYP2, ASSY	-	-	1
	ORDER PN 1-2368472-3	REV	PART DESCRIPTION		MATERIAL	SURFACE/COLOR	ITEM NO

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER GPS (ISO STANDARDS).				REV	DATE	BY	CHK	DATE	NAME	TE Connectivity		
DIMENSIONS: (mm)				1	16MAY2020	S. Kumar		16MAY2020	INLET HSG, AC TYPE 2, ASSY			
TOLERANCE: mm				2	16MAY2020	S. Kumar		16MAY2020	IEC 62196-2			
ISO 2768-MK				3	16MAY2020	S. Kumar		16MAY2020	114-94653			
PRODUCT SPEC				4	16MAY2020	S. Kumar		16MAY2020	114-94653			
APPLICATION SPEC				5	16MAY2020	S. Kumar		16MAY2020	114-94653			
FINISH				6	16MAY2020	S. Kumar		16MAY2020	114-94653			
CUSTOMER DRAWING				7	16MAY2020	S. Kumar		16MAY2020	114-94653			
SCALE				8	16MAY2020	S. Kumar		16MAY2020	114-94653			
SHEET				9	16MAY2020	S. Kumar		16MAY2020	114-94653			
REV				10	16MAY2020	S. Kumar		16MAY2020	114-94653			