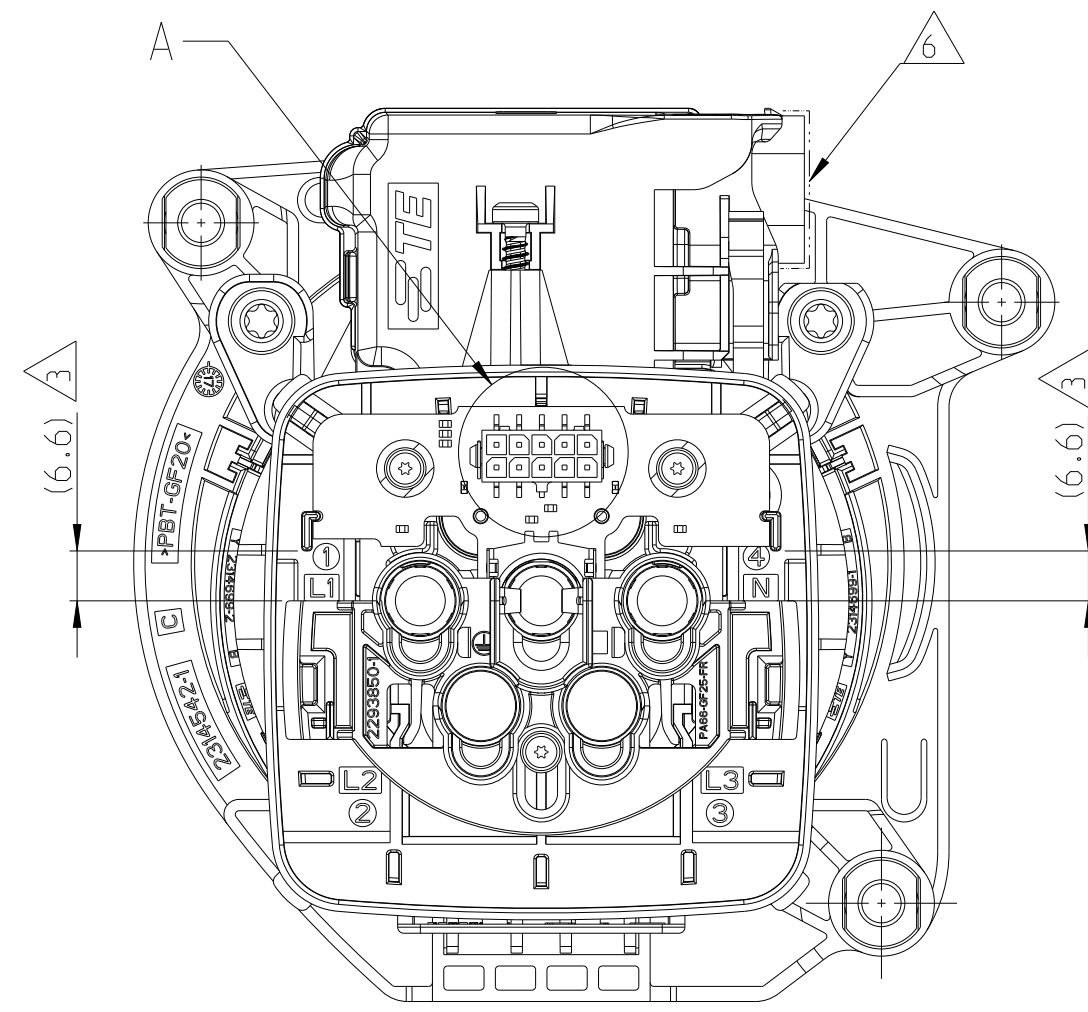
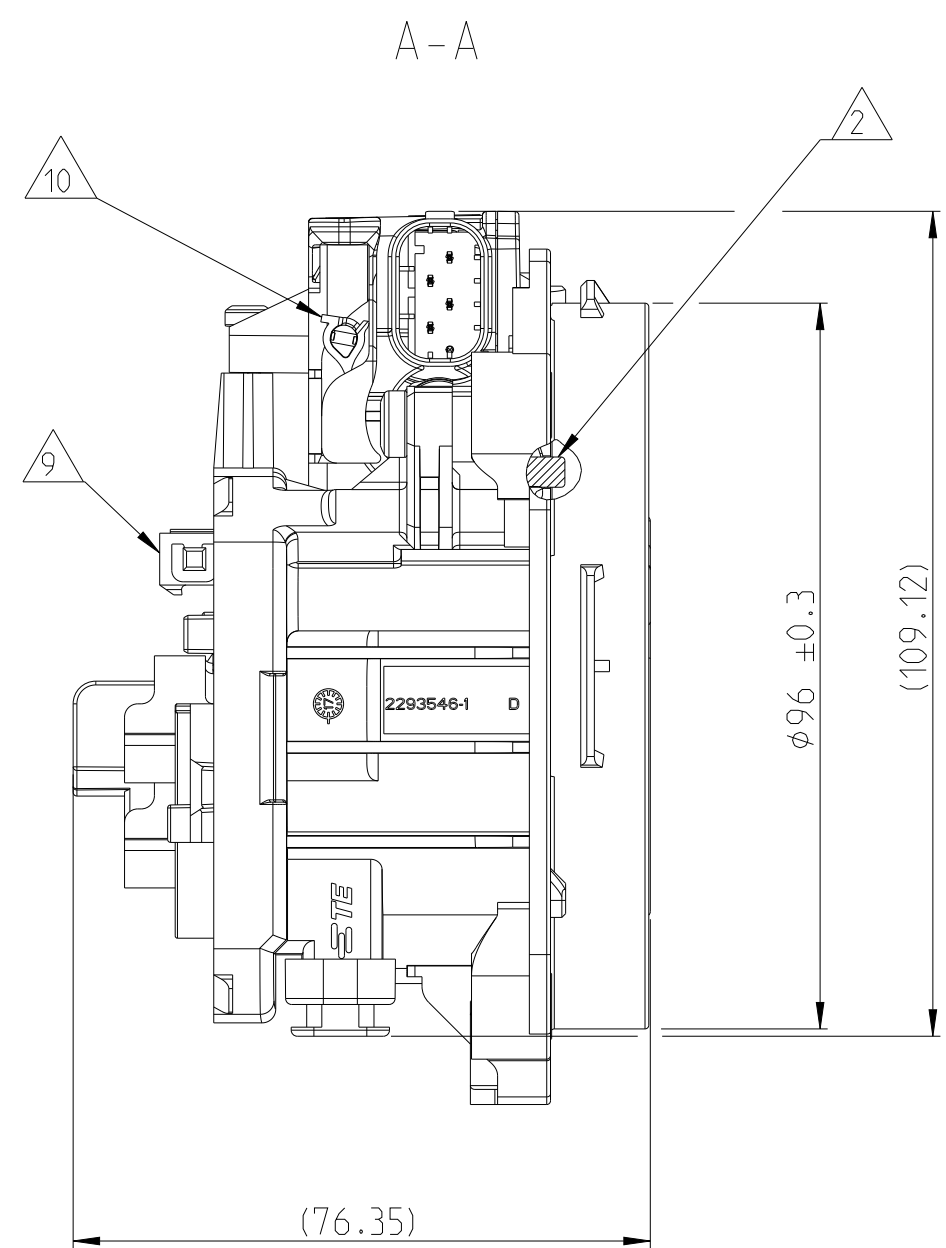
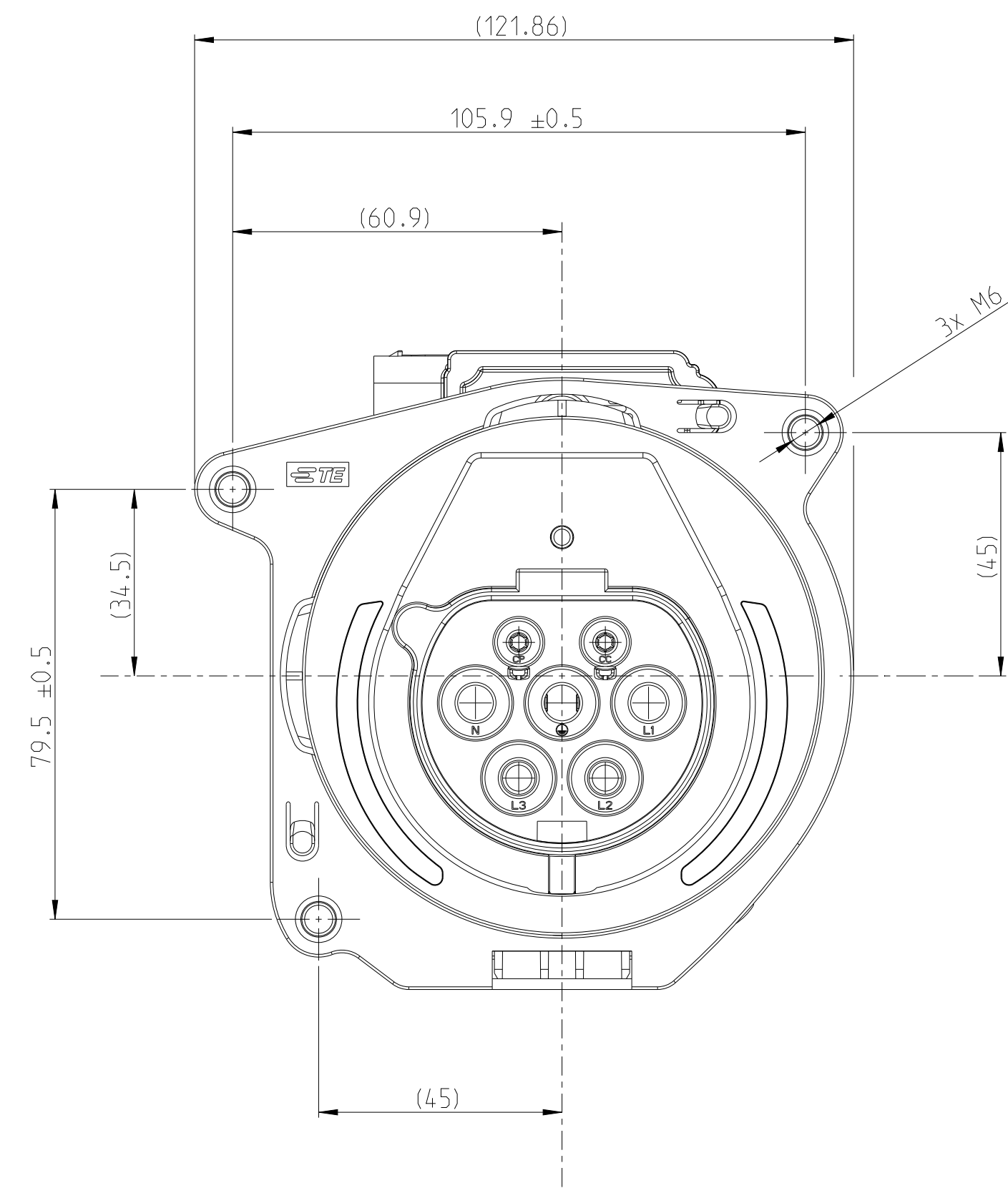
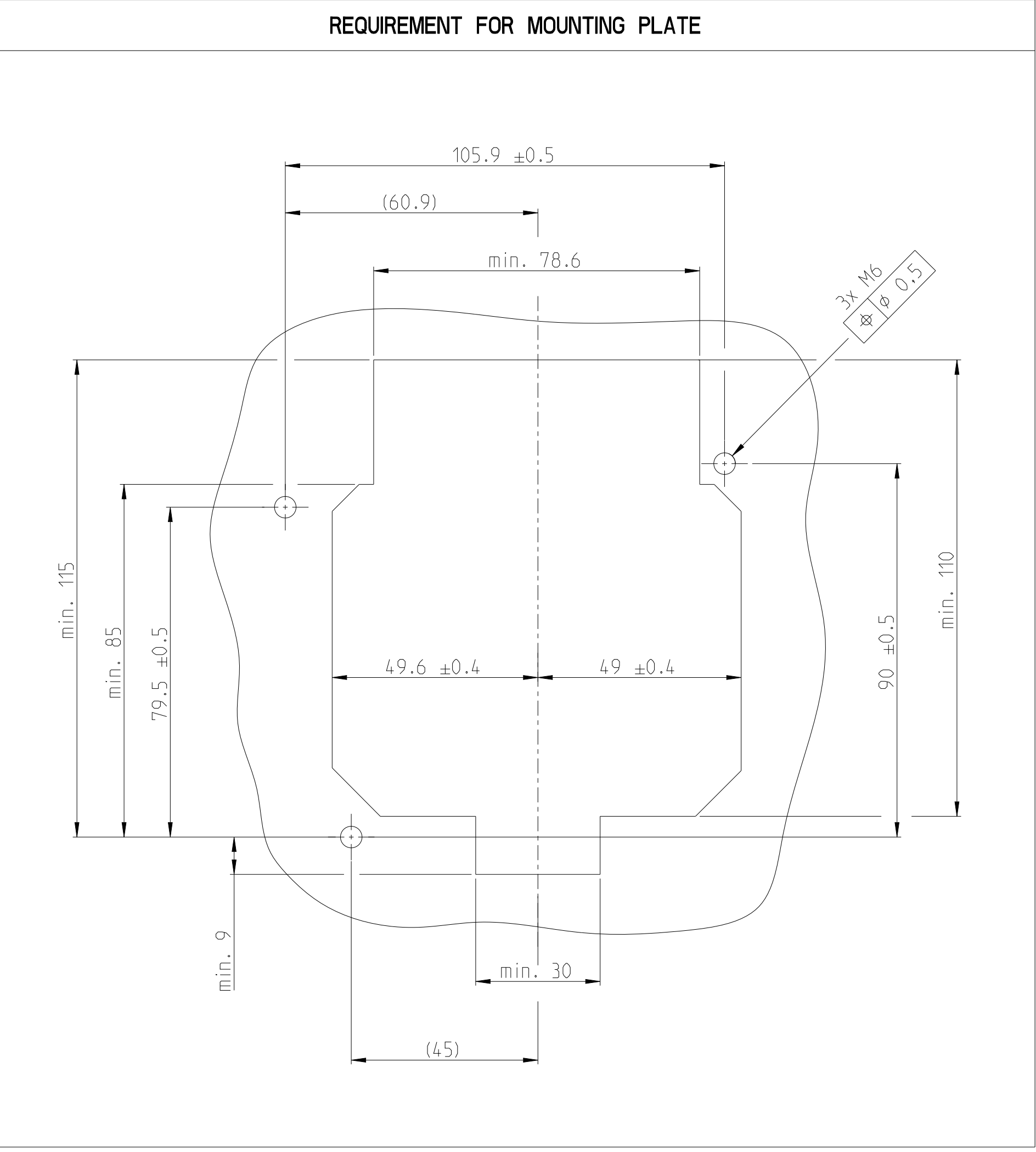


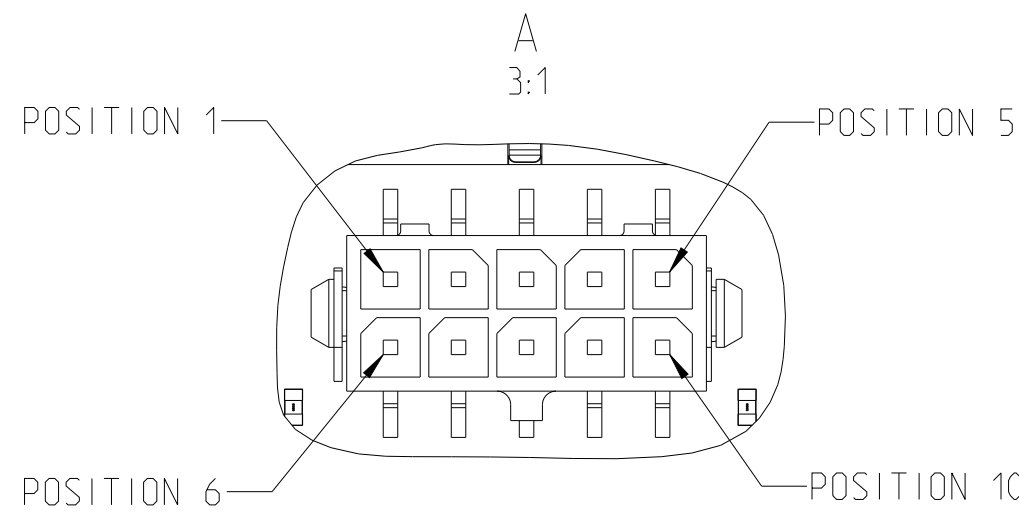
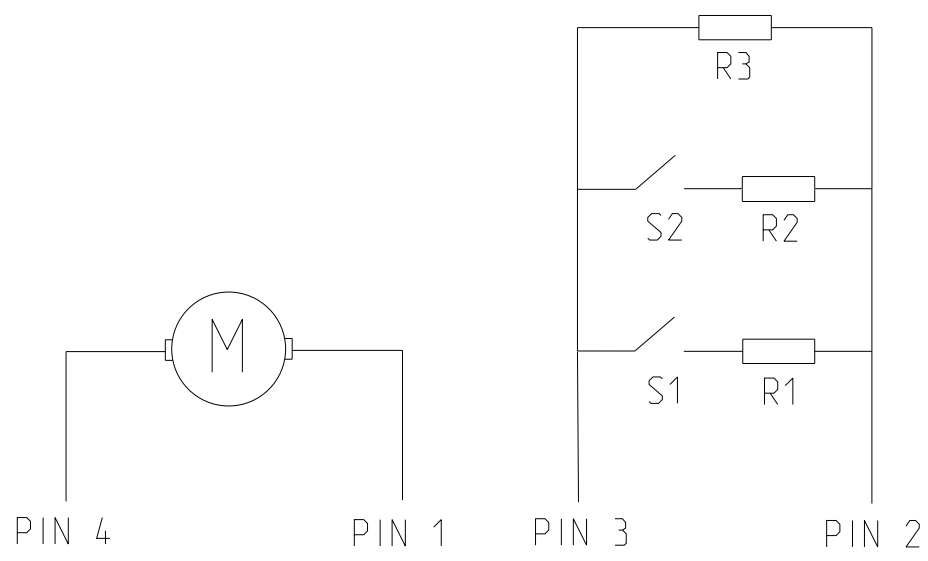


- NOTES
- 2 DELIVERY CONDITION OF ACTUATOR: ACTUATOR IN BASE POSITION
 - 3 DELIVERY CONDITION: SEC. LOCKS IN PRELOCK POSITION
 - B1 4 CHARGE INLET SIMILAR TO GB/T 20234.2
 - 5 ADAPTIVE CABLES SEE APPLICATION SPECIFICATION 114-94654
 - 6 COMPATIBLE CONNECTOR FOR ACTUATOR: 1-967640-1
 - 9 MAKE SURE THAT NO MECHANICAL FORCES ARE APPLIED ON HEADER ON PCB
 - 10 DELIVERY CONDITION OF MANUAL RELEASE OF ACTUATOR AS SHOWN
 - 11 FUNCTIONAL AND ELECTRICAL REQUIREMENTS OF ACTUATOR SEE SPECIFICATION 108-94519

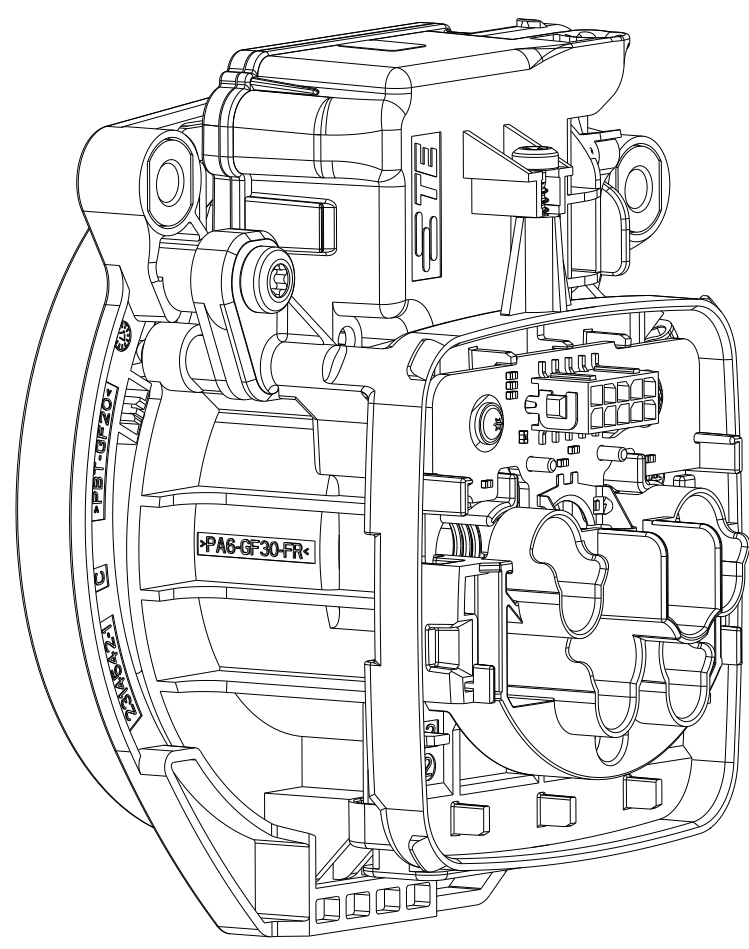
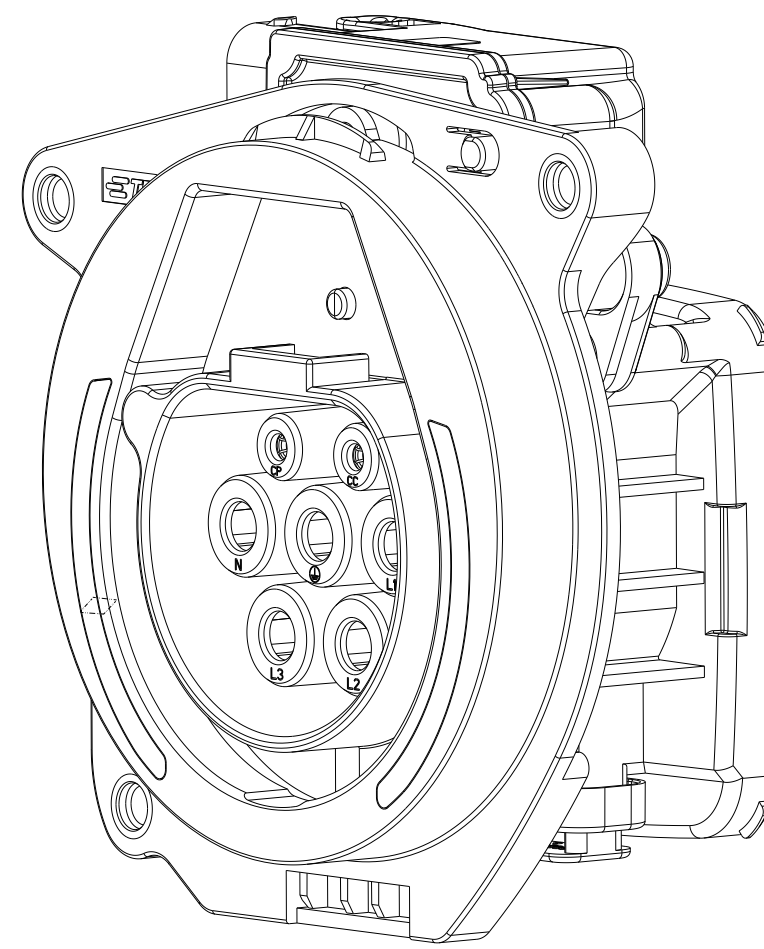
ACTUATOR WIRE CONFIGURATION

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



AS SHOWN
9-2368478-1
ISOMETRIC VIEW



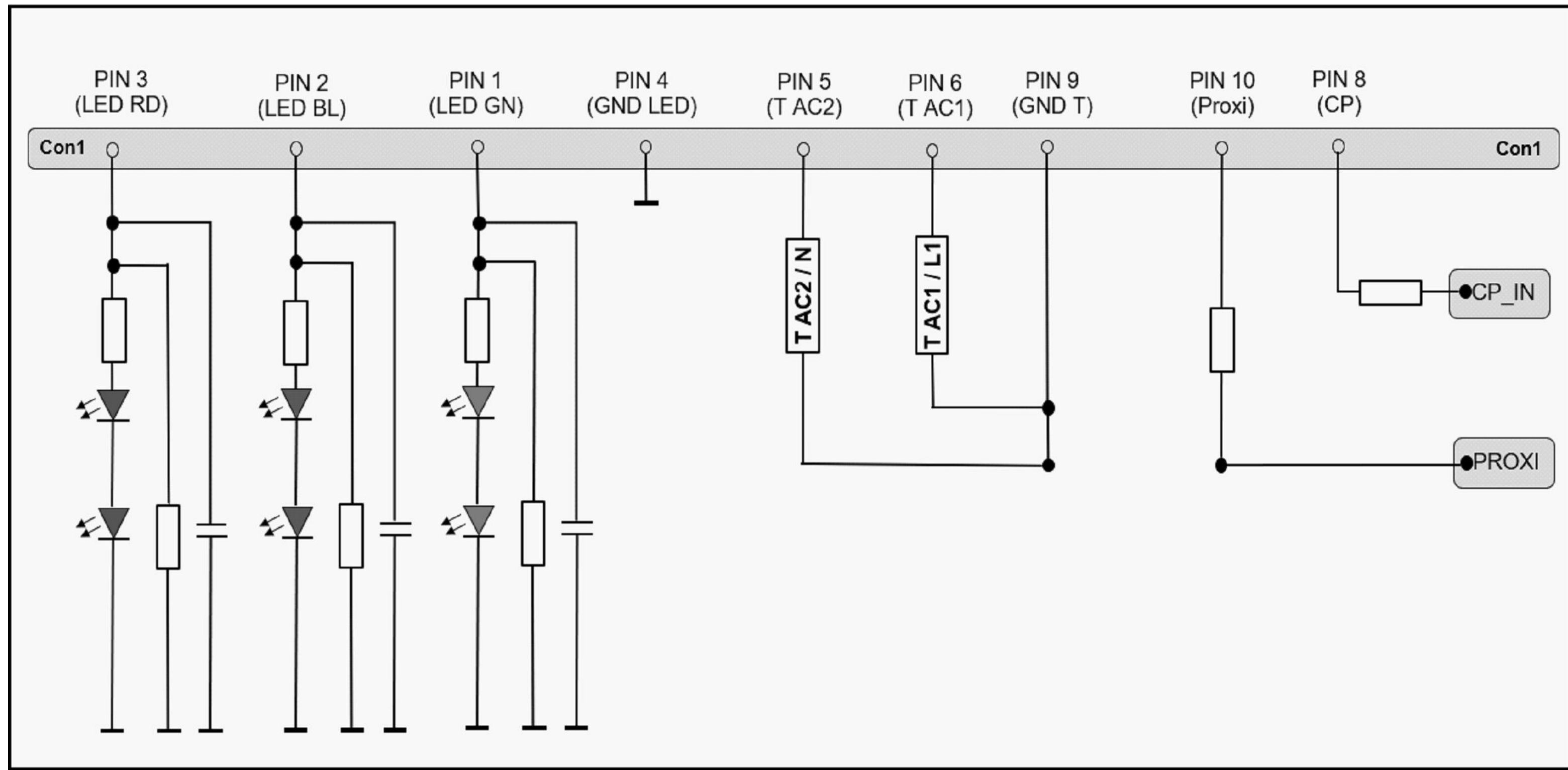
PINNING PCB

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

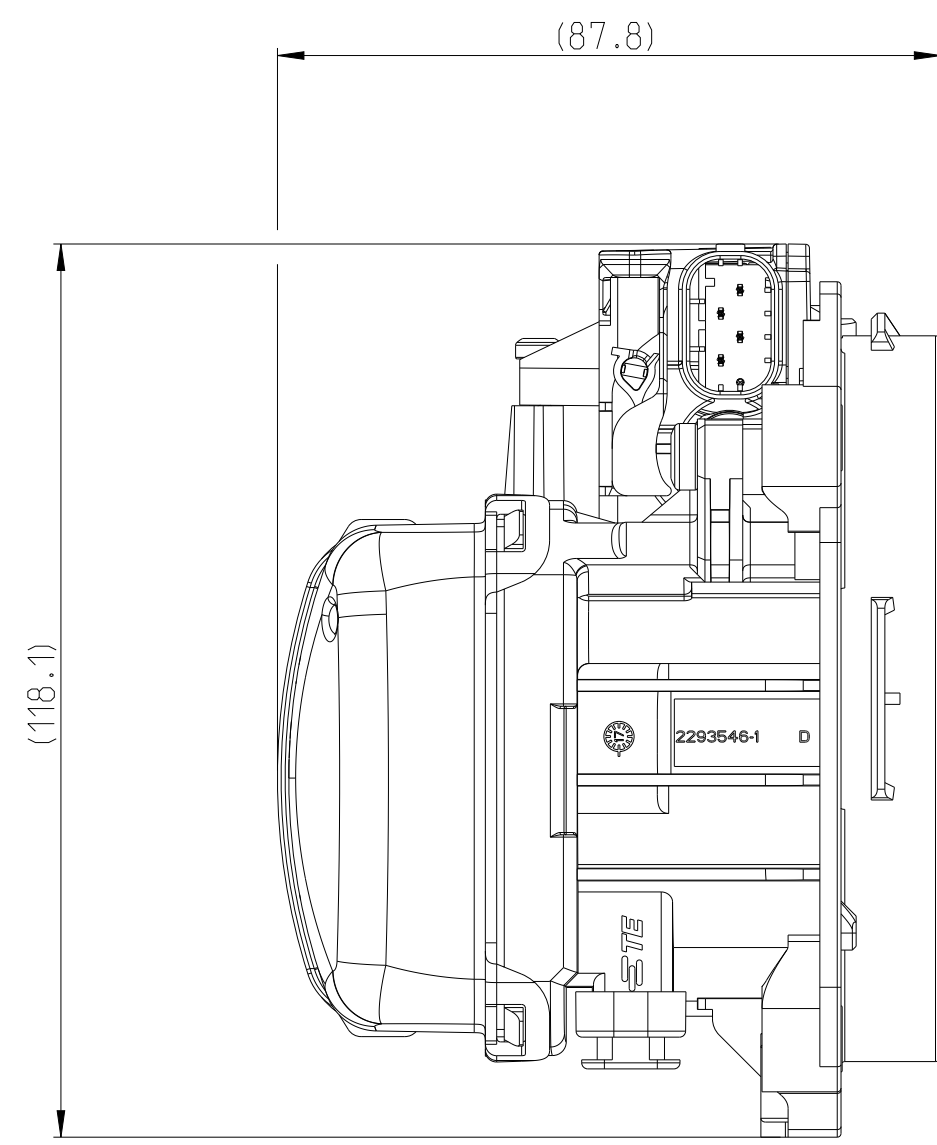
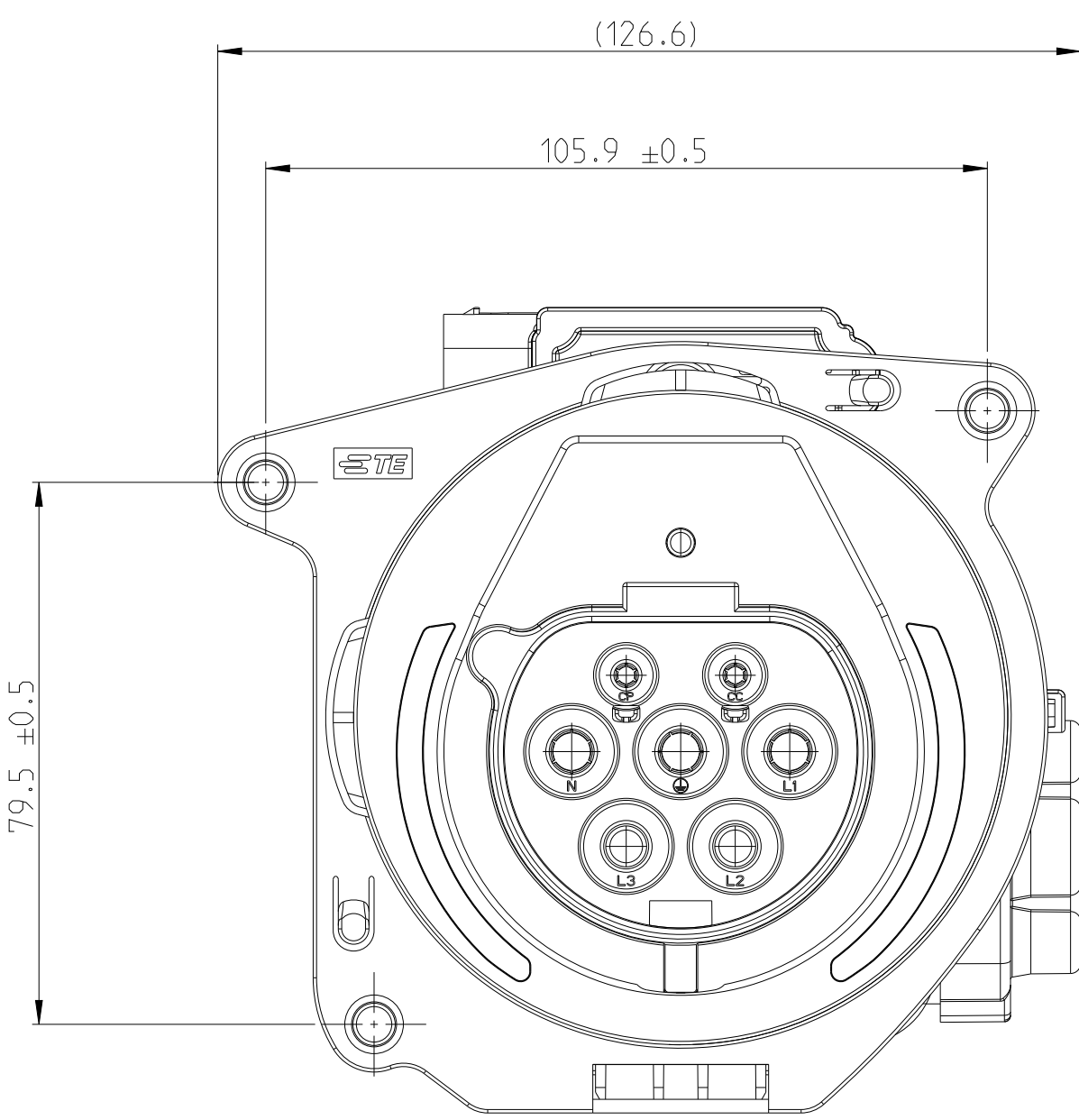
B1 AC-NTC-TEMPERATURE SENSOR:

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)



THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER GPS (ISO STANDARDS).		REV. C		CSig2020	14MAY2020		TE Connectivity	
DRAFTER: S. Kumar		CHKD: S. Kumar		14MAY2020	DATE		INLET HSG. AC TYPE GB. ASSY	
DESIGNED: S. Kumar		APPD: S. Kumar		14MAY2020	DATE		GB/T 20234.2	
PRODUCT SPEC				114-94654	SCALE		5:1	
MATERIAL		SEE TABLE		CUSTOMER DRAWING		SCALE		
FINISH		-		SHEET		1 OF 2		REV. B1
REV. B1		-		REV. B1		1		

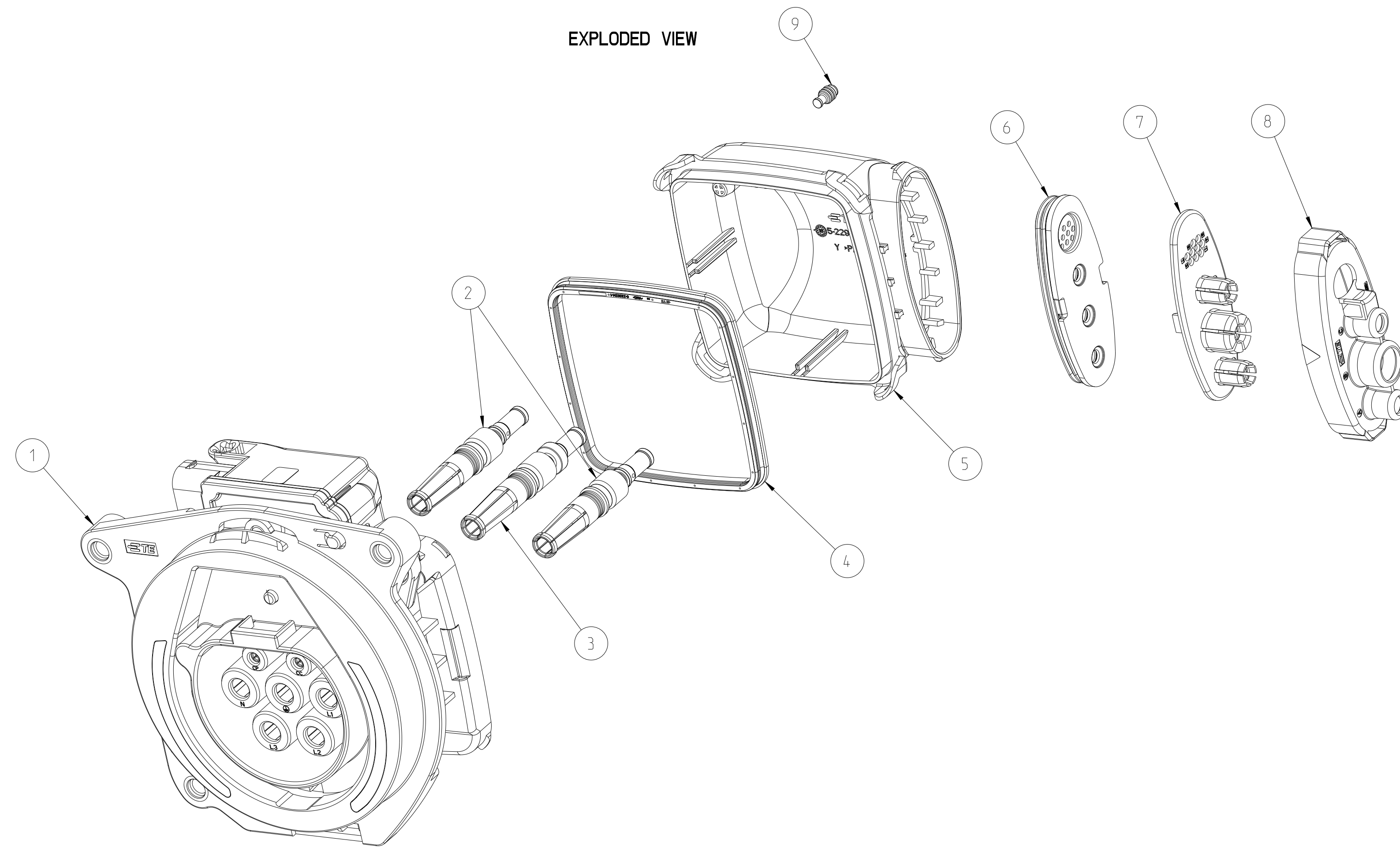


NOTES

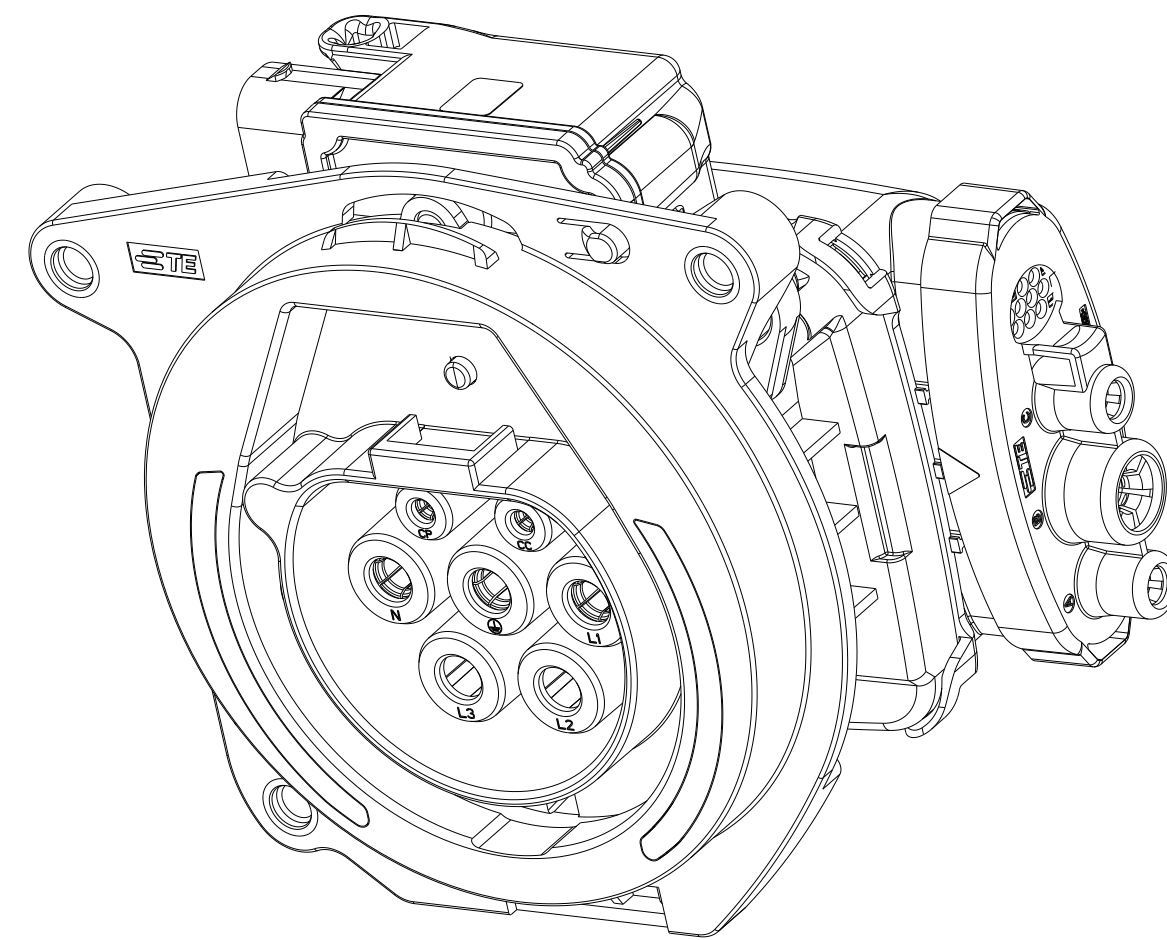
- 1 NOT FOR SALE.DESCRIBES ONLY THE BOM AND THE ASSEMBLY OF THE COMPLETE PRODUCT
- 2 CHARGE INLET SIMILAR TO GB/T 20234.2
- 3 ADAPTIVE CABLES SEE APPLICATION SPECIFICATION 114-94654
- 4 COMPATIBLE PCB CONNECTOR: PN 1-794617-0 WITH TERMINAL PN 0-794606-1
- 5 FUNCTIONAL AND ELECTRICAL REQUIREMENTS OF ACTUATOR 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 108-94781

B1

EXPLODED VIEW



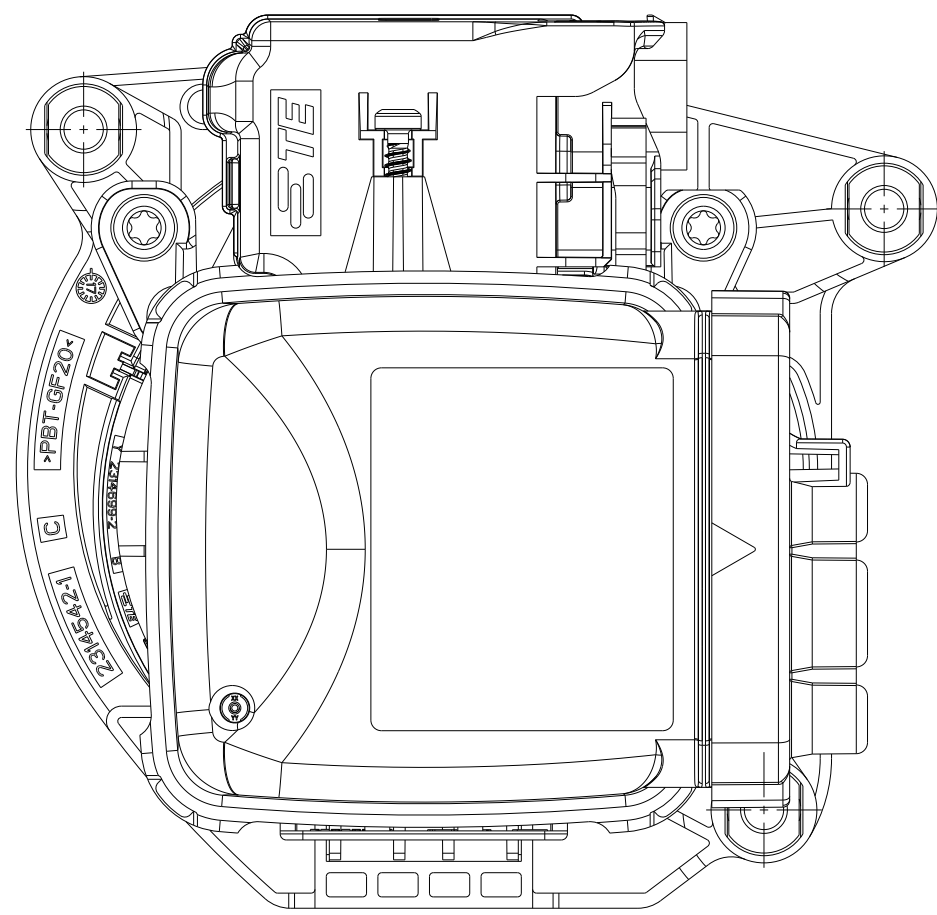
ISOMETRIC VIEW



	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,63,63,CHARGE INLET,AC	VMQ	LIGHT BLUE	4
	1	2293272-3	A	PE,SOCKET CONTACT, DIA. 6.0	BRASS	SILVER	3
	2	2293271-3	A	SOCKET CONTACT, DIA. 6.0	BRASS	SILVER	2
	1	9-2368478-1	B	HSG, INLET GB,AC, ASSY	-	-	1
QTY WIRE SIZE 2 6mm	ORDER PN 123684781	B1	REV	PART DESCRIPTION	MATERIAL	SURFACE/COLOR	ITEM NO

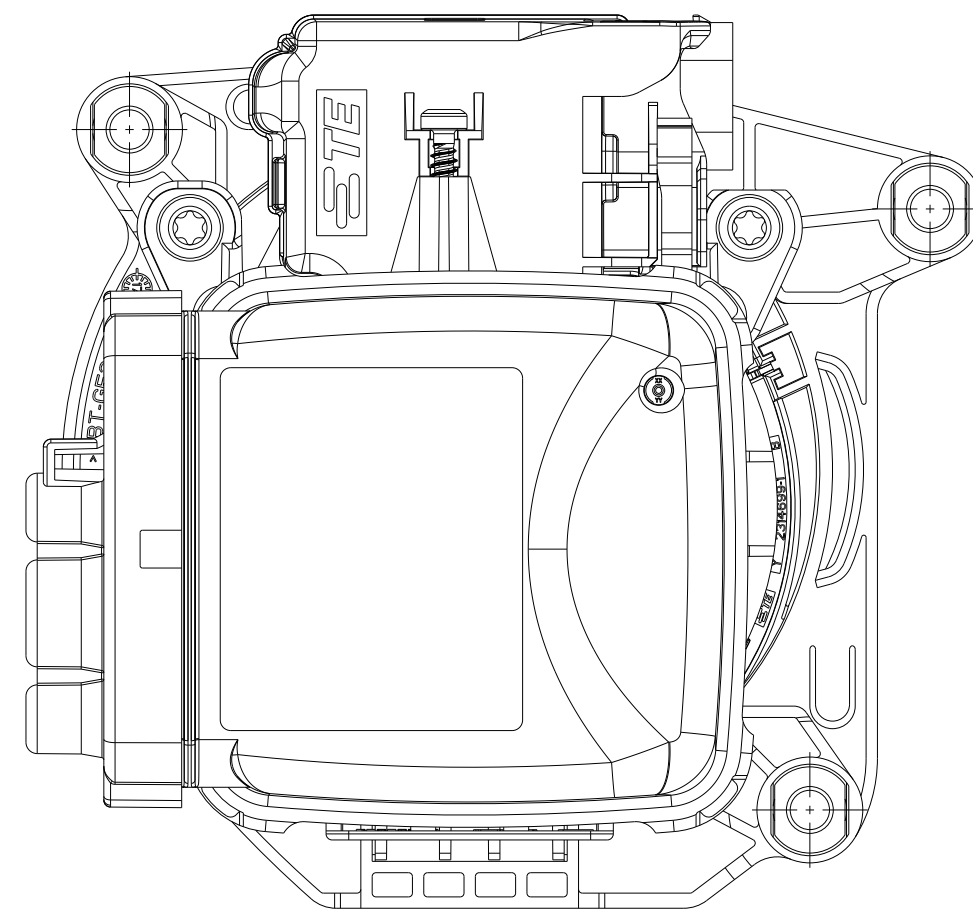
LEFT CABLE EXIT

B1



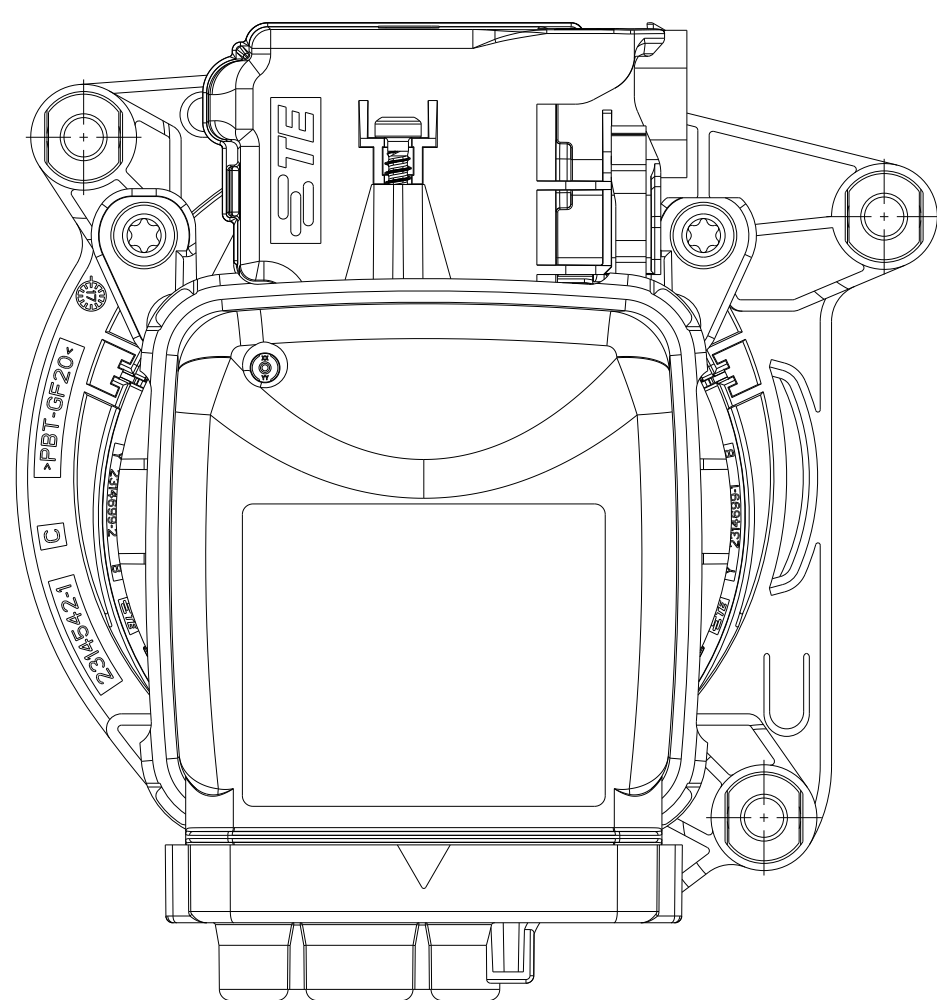
RIGHT CABLE EXIT

B1



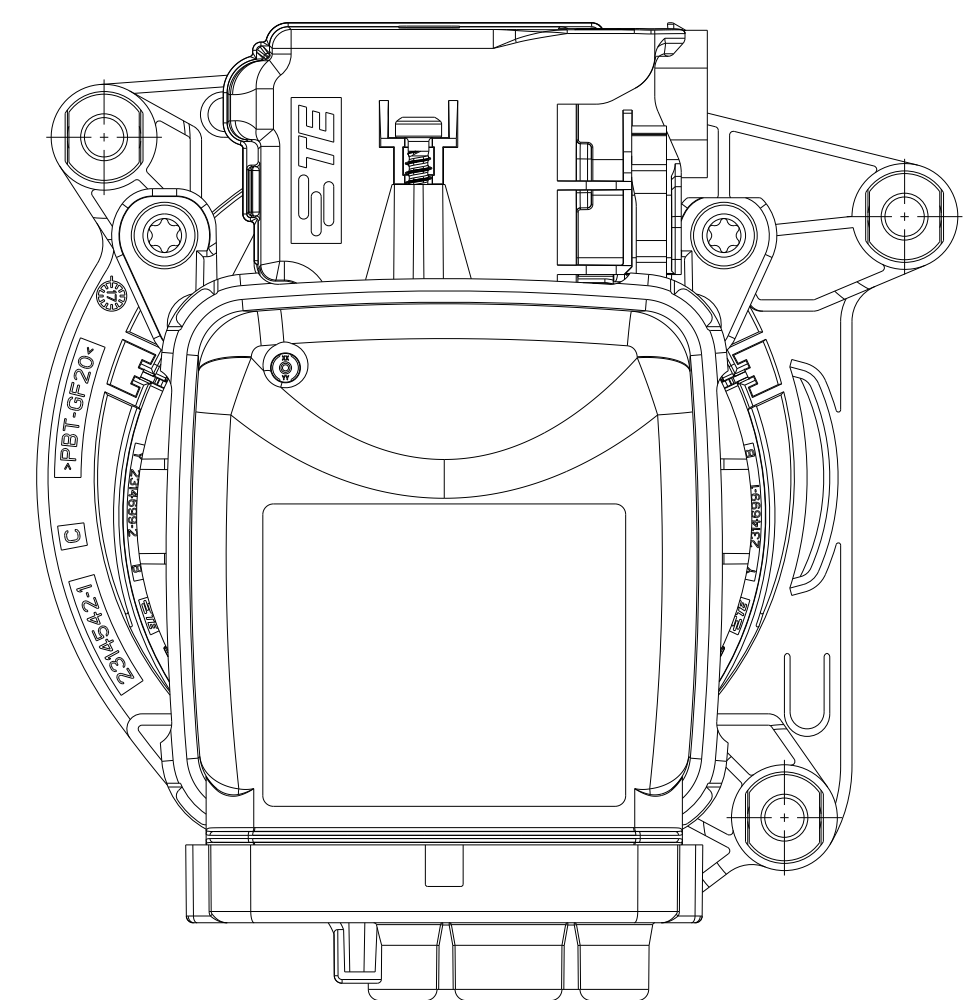
DOWN CABLE EXIT WITH SIGNAL LEFT

B1



DOWN CABLE EXIT WITH SIGNAL RIGHT

B1



THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER GPS (ISO STANDARDS).				REV	DATE	BY	CHK	DATE	NAME	TE Connectivity		
DIMENSIONS: (mm)				APPROVED	14MAY2020	S. Kumar		14MAY2020	INLET HSG, AC TYPE GB, ASSY			
TOLERANCES UNLESS OTHERWISE SPECIFIED				DATE	14MAY2020	S. Kumar		14MAY2020	GB/T 20234.2			
ISO 2768-MK				PRODUCT SPEC					108-94781			
APPLICATION SPEC									114-94654			
FINISH				WEIGHT					00779			
SEE TABLE				CUSTOMER DRAWING					2368478			
				SCALE	1:1	SHEET	2	OF	2	REV	B1	