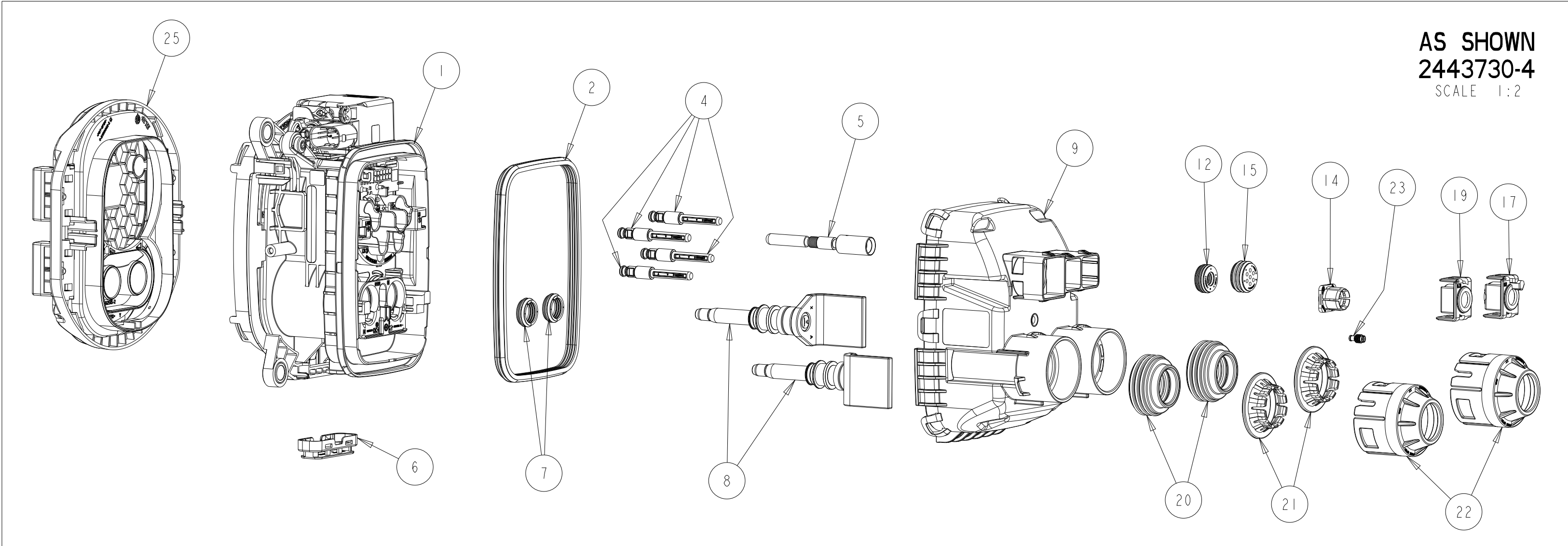
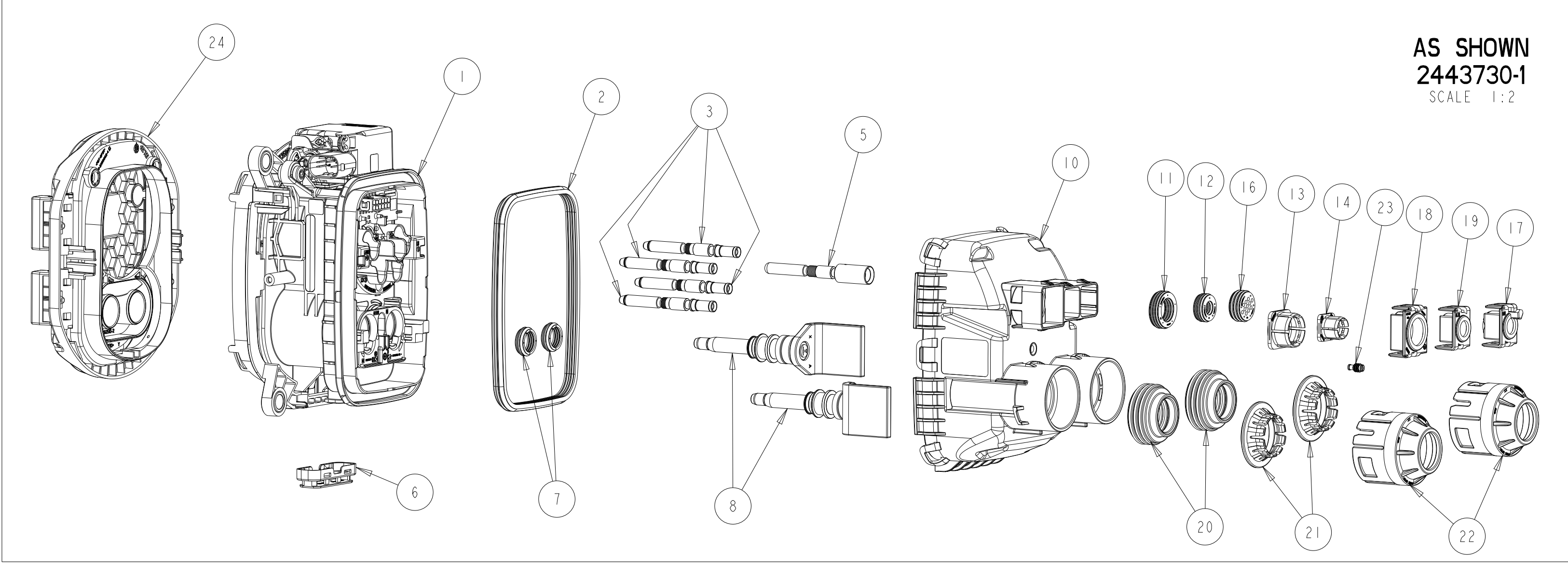
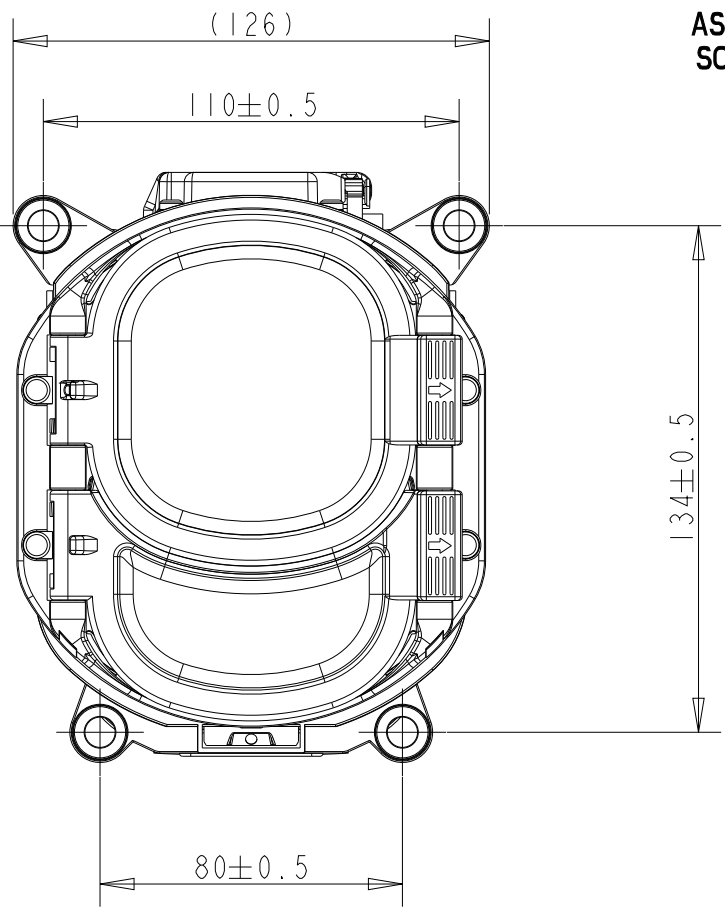




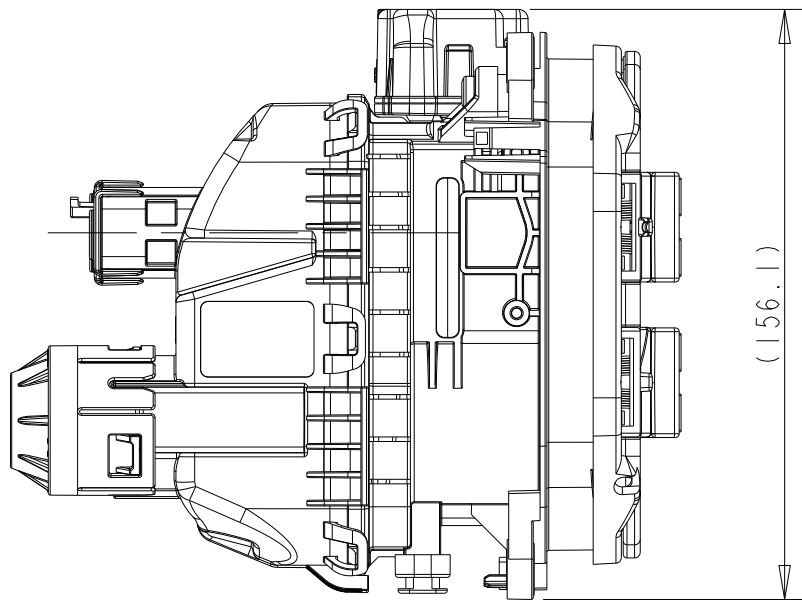
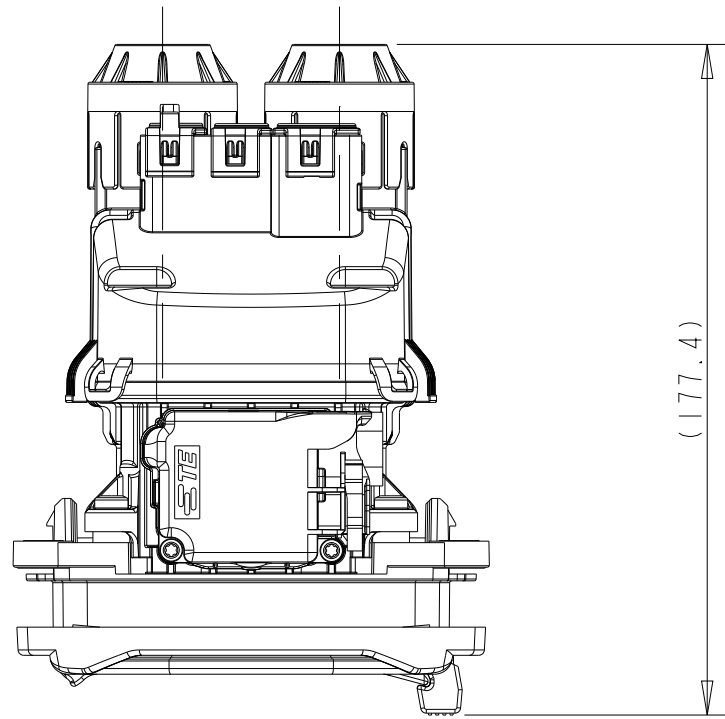
AS SHOWN
2443730-4
SCALE 1:2



AS SHOWN
2443730-1
SCALE 1:2



AS SHOWN
SCALE 14



NOTES

- PACKED INTERLAYERED IN PLASTIC BAG IN CORRUGATED SHIPPING BOX
- CHARGE INLET SIMILAR TO IEC62196-3,CCS 2, SHEET 3-1Vd
- CHARGE INLET SIMILAR TO IEC62196-2,TYP 11, SHEET 2-11f
- ADAPTIVE CABLES SEE APPLICATION SPECIFICATION 114-94810
- COMPATIBLE PCB CONNECTOR: PN 1-794617-2 WITH TERMINAL PN 0-794606-1
- FUNCTIONAL AND ELECTRICAL REQUIREMENTS OF ACTUATOR SEE SPECIFICATION 108-94519
- COMPATIBLE CONNECTOR FOR ACTUATOR: 1-967640-1
- APPLICABLE SCREWS FOR MOUNTING, HEAD DIAMETER MIN. 10.5mm,TORQUE 6Nm±0.9Nm FOR M6 SCREWS
- DELIVERY CONDITION: SEC LOCK IN PRELOCK CONDITION
- DELIVERY CONDITION ACTUATOR: ACTUATOR IN BASE POSITION
- MAKE SURE THAT NO MECHANICAL FORCES ARE APPLIED ON THE HEADER OF PCBA
- MAXIMUM VOLTAGE RATING 480 VAC
MAXIMUM CURRENT RATING 32 A
- MAXIMUM VOLTAGE RATING 1000 VDC
MAXIMUM CURRENT 500 A
- ALL COMPONENTS OF THE PARTS LIST ARE DELIVERED IN SEPARATE SUB PACKAGES

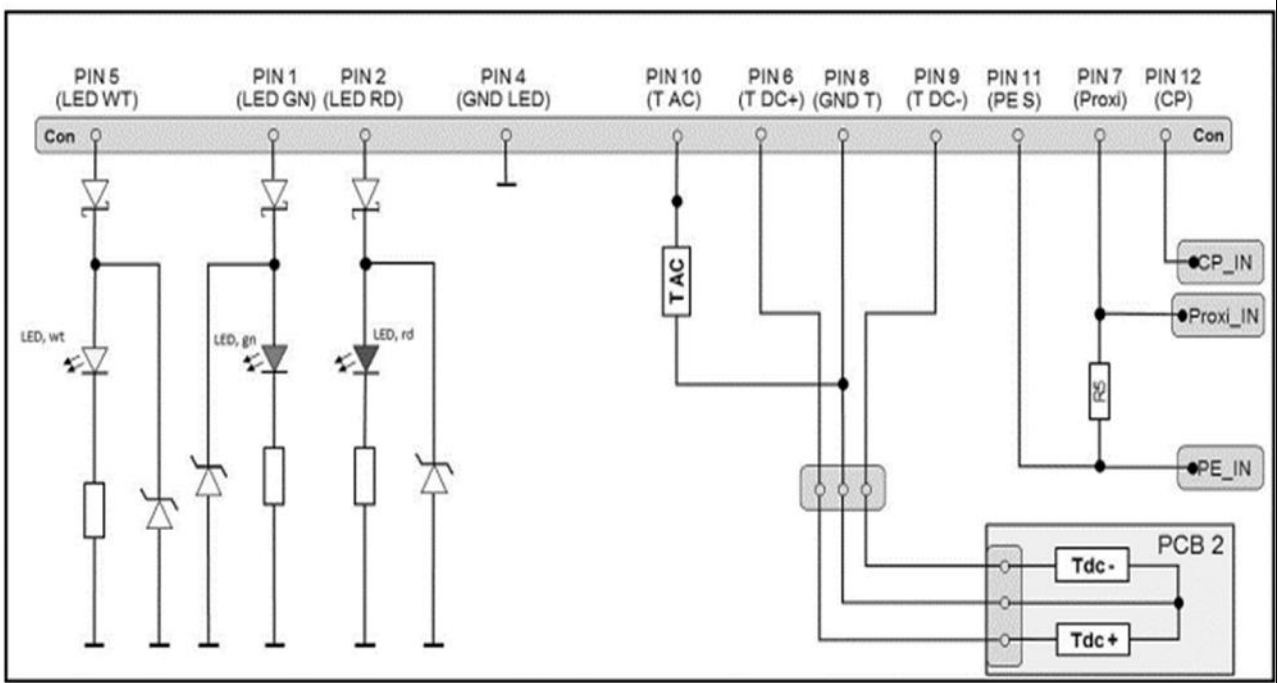
PINNING PCB

PIN NO.	COMBO 1
1	LED gn
2	LED rd
3	-
4	GND LED
5	LED wf
6	T DC+
7	Proxi
8	GND. Temp
9	T DC-
10	T AC
11	PE S
12	CP

TEST ITEM	TEST VOLTAGE		GROUND PIN	PROPERTY	
	VALUE	PIN		LIGHT EMISSION	CURRENT
LED WHITE	11V±0.2V	5	4	WHITE	20mA+4mA
LED GREEN	11V±0.2V	1	4	GREEN	20mA+4mA
LED RED	11V±0.2V	2	4	RED	20mA+4mA

TEST ITEM	RESISTANCE MEASUREMENT		VALUE @T _{amb} : 25° ±5° C
	TEST PINS		
TAC	10	8	1097Ω ±20Ω
TDC +	6	8	1097Ω ±20Ω
TDC -	9	8	1097Ω ±20Ω
R5	11	7	4700Ω ±140Ω
Proxi	Proxi	7	0Ω +1Ω
CP	CP	12	0Ω +1Ω

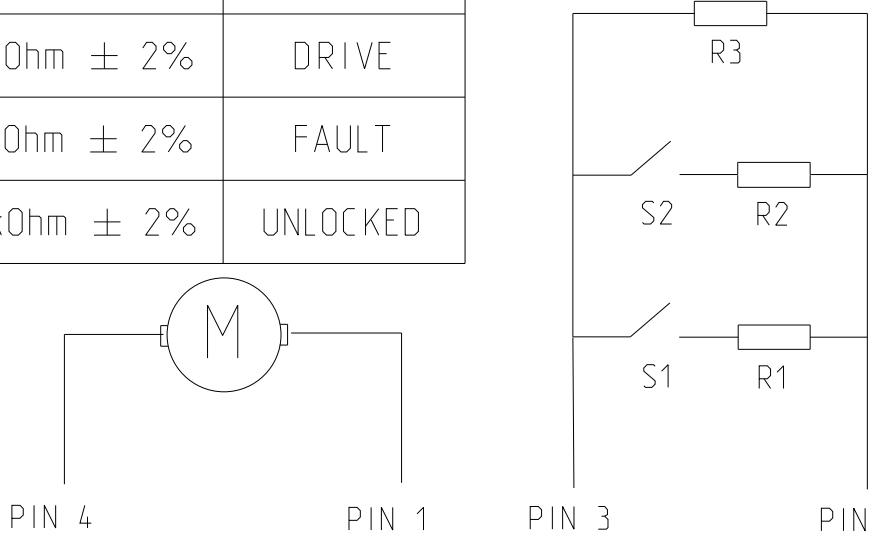
CIRCUIT DIAGRAM (FOR INFORMATION ONLY)



3-2293469-2 : 12V ACTUATOR
4-2293469-2 : 24V ACTUATOR
4 WIRE VARIANT:

PIN 3	PIN 2	SENSE RESISTANCE	FUNCTION
-	+	11,000 kOhm ± 2%	LOCKED
-	+	2,194 kOhm ± 2%	DRIVE
-	+	1,540 kOhm ± 2%	FAULT
-	+	0,989 kOhm ± 2%	UNLOCKED

PIN 1	PIN 4	FUNCTION
-	+	UNLOCKING
+	-	LOCKING



1	1	1	1	963143-1	MQS BLIND PLUG	SILICON	WHITE	23
2	2	2	2	2399669-2	CABLE COVER, 95 mm2	PA66-GF30	ORANGE	22
2	2	2	2	2399668-2	STRAIN RELIEF, 95 mm2	PA66-GF30	BLACK	21
2	2	2	2	2399667-2	RADIAL SEAL, 95 mm2	LIQUID SILICONE RUBBER	GREEN	20
1	1	1	1	2369840-3	CABLE COVER, PE, 25mm2	PBT-GF30 HR HFS	BLUE	19
-	-	-	-	2401256-1	CABLE COVER, AC	PBT-GF30 HR HFS	BLACK	18
1	1	1	1	2369838-1	LV WIRE COVER	PBT-GF30 HR HFS	BLACK	17
-	-	-	-	2401251-1	GROMMET SEAL, 11 WIRE	LIQUID SILICONE RUBBER	YELLOW	16
1	-	-	-	2418662-1	GROMMET SEAL, 7 WIRE	LIQUID SILICONE RUBBER	BROWN	15
1	1	1	1	2390861-1	STRAIN RELIEF, 25mm2	PBT-GF30 HR HFS	BLACK	14
-	-	-	-	2401254-1	STRAIN RELIEF AC	PBT-GF30 HR HFS	BLACK	13
1	1	1	1	2418661-1	SINGLE WIRE PE SEAL, 25mm2	LIQUID SILICONE RUBBER	LIGHT BLUE	12
-	-	-	-	2401253-1	SINGLE WIRE AC SEAL	LIQUID SILICONE RUBBER	GREY	11
-	-	-	-	2390858-2	CABLE EXIT, WITH AC	PA6-GF30	ORANGE	10
1	1	-	-	2390858-1	CABLE EXIT, WITHOUT AC	PA6-GF30	ORANGE	9
2	2	2	2	2390840-2	DIA 8MM,PIN TERMINAL ASSY	COPPER	SILVER/TIN	8
2	2	2	2	2338077-1	SEALING	VMQ	RED	7
1	1	1	1	2292534-1	PROTECTION CAP,WATER DRAIN	PA6-GF10+GB20	BLACK	6
1	1	1	1	2293270-5	PIN DIA 6.0, RIGID, POWER PE	BRASS	SILVER	5
4	4	-	-	2389290-2	CHARGE INLET HSG, CAVITY PLUG	PA6-GF30	BLACK	4
-	-	4	4	2293269-3	PIN CONTACT, DIA 6, ASSY	COPPER	SILVER	3
1	1	1	1	2338079-1	PERIPHERIAL SEAL COMBO	VMQ	SIGNAL BLUE	2
-	-	-	-	2401362-2	COMBO 2, CHARGE INLET ASSY WITH LED 12V ACTUATOR	-	-	1
1	-	-	-	2401362-1	COMBO 2, CHARGE INLET ASSY W/O LED 12V ACTUATOR	-	-	1
2443730-4	2443730-3	2443730-2	2443730-1	ORDER PN	PART DESCRIPTION	MATERIAL	SURFACE/COLOR	ITEM NO
KIT ASSY W/O AC & W/O LED, 12V ACTUATOR	KIT ASSY W/O AC & WITH LED, 12V ACTUATOR	KIT ASSY WITH AC & W/O LED, 12V ACTUATOR	KIT ASSY WITH AC & WITH LED, 12V ACTUATOR					

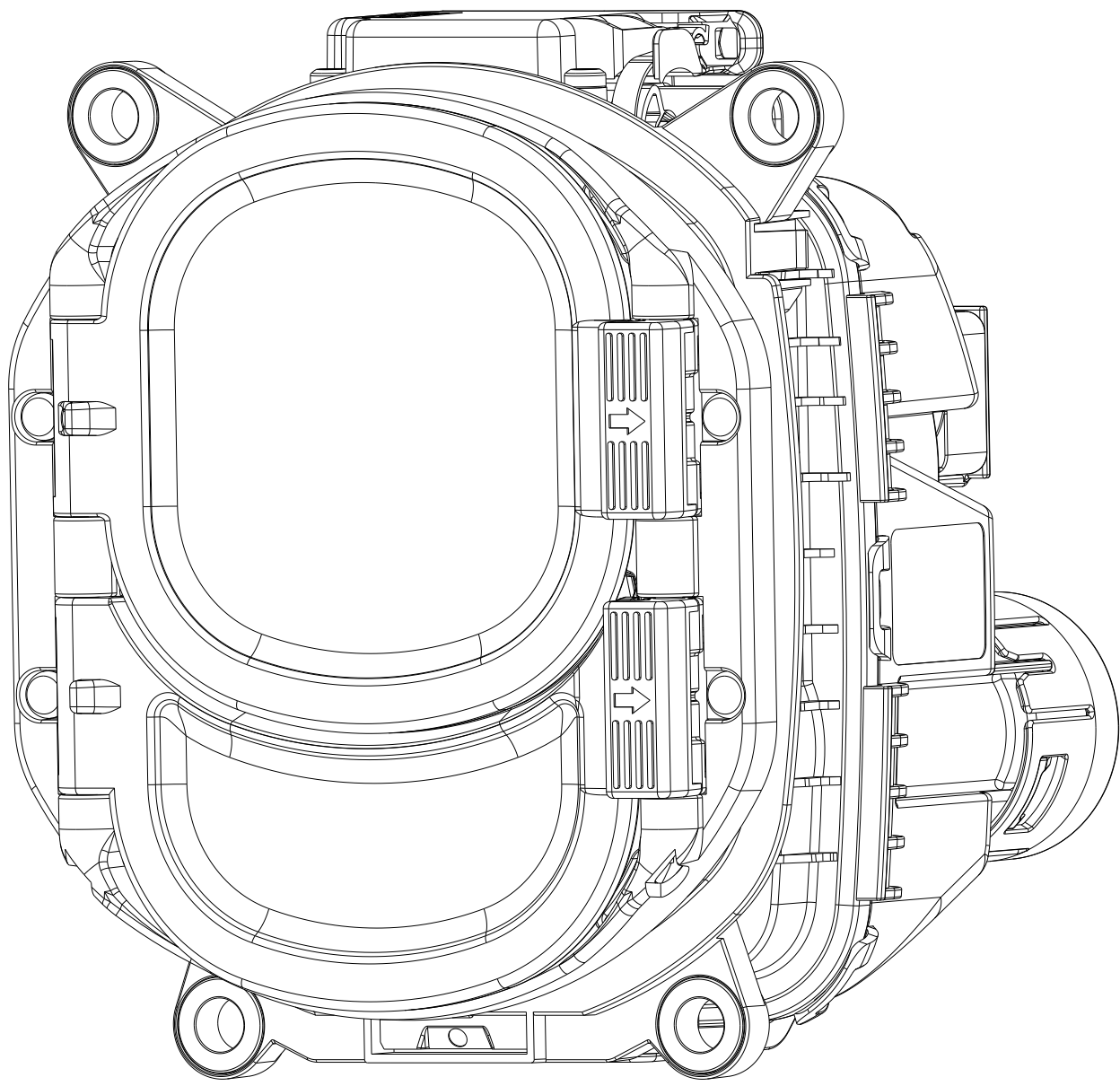
DIMENSION AND TOLERANCES ACCORDING TO:
Bemaßungen und Toleranzen gemäß:

DIN ISO 20457
DIN EN ISO 8015 (DIN EN ISO 291
DIN EN ISO 14405-1/-2/-3

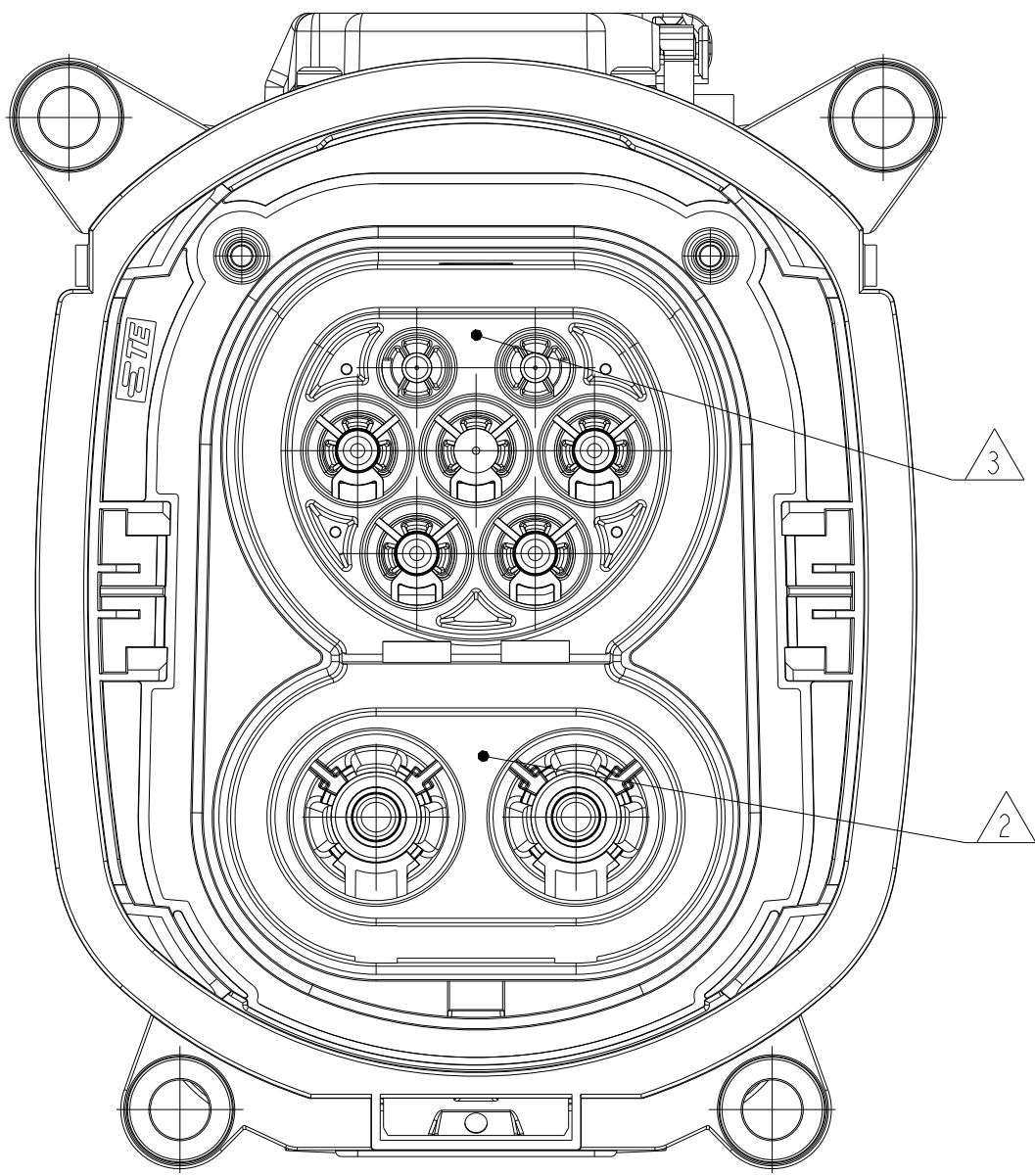
THIS DRAWING IS A CONTROLLED DOCUMENT.				OWN: AJLITH JAMES, 20APR2023 CHK: AMRUTHA ROA C H, 21APR2023 APVD: KASHYAP P B, 21APR2023				NAME: CCS2-KIT ASSY_95SQMM-32A			
DIMENSIONS: mm				TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.001 4 PLC ±0.001 ANGLES ±0.001				SIZE: 108-94907 APPLICATION SPEC: 114-94810			
MATERIAL: SEE TABLE				WEIGHT: -				SIZE: 100779 CAGE CODE: 2443730			
CUSTOMER DRAWING				SCALE: 1:1				SHEET 1 OF 2			

VARIANTS OVERVIEW

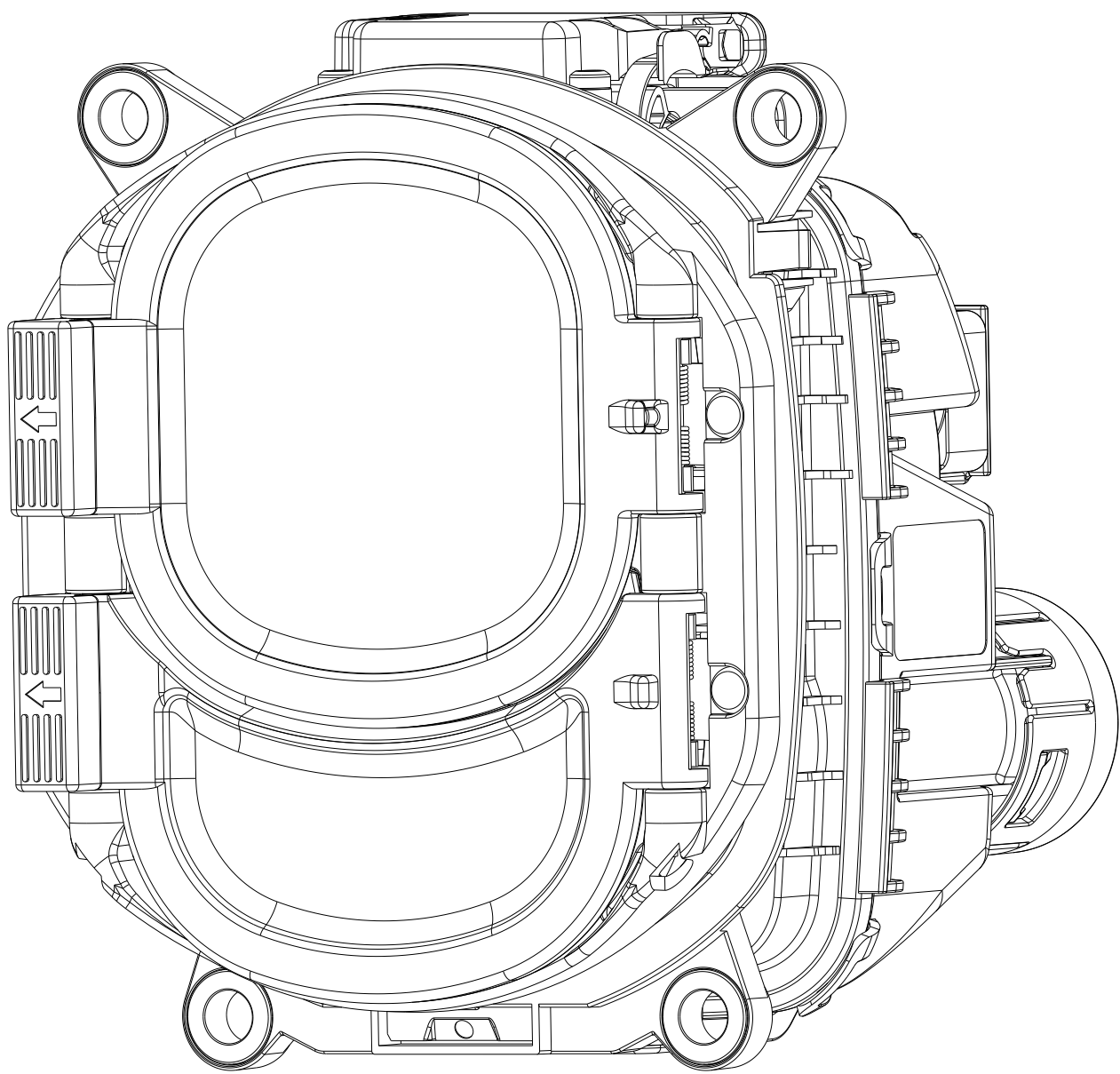
CHARGE INLET ASSEMBLY 180° DC & 180° AC
FLAP ASSEMBLY LEFT
SCALE 1:1



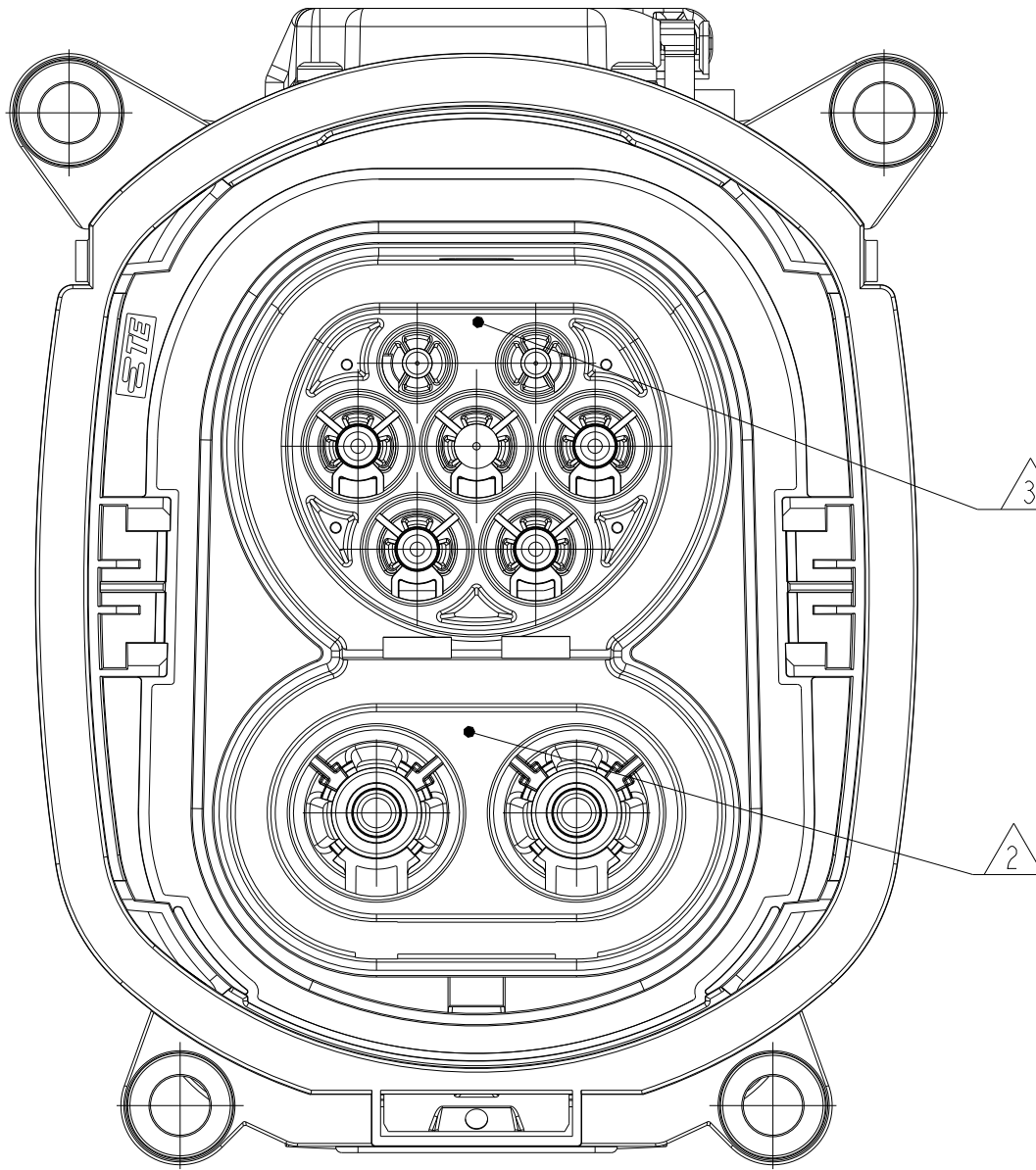
WITHOUT FLAP ASSEMBLY-WITH LED
SCALE 1:1



CHARGE INLET ASSEMBLY 180° DC & 180° AC
FLAP ASSEMBLY RIGHT
SCALE 1:1



WITHOUT FLAP ASSEMBLY-W/O LED
SCALE 1:1



FLAP OPTIONS AVAILABLE

ITEM NO	DESCRIPTION	ORDER PN	QTY	IMAGE
24	FLAP ASSY. LEFT WITH LED	2358664-6	1	SECTION B-B SCALE 1:4
	FLAP ASSY. RIGHT WITH LED	2358664-8	1	SECTION B-B SCALE 1:4
25	FLAP ASSY. LEFT W/O LED	2358664-2	1	SECTION B-B SCALE 1:4
	FLAP ASSY. RIGHT W/O LED	2358664-4	1	SECTION B-B SCALE 1:4

1	1	1	1	963143-1	MQS BLIND PLUG	SILICON	WHITE	23
2	2	2	2	2399669-2	CABLE COVER, 95 mm2	PA66-GF30	ORANGE	22
2	2	2	2	2399668-2	STRAIN RELIEF, 95 mm2	PA66-GF30	BLACK	21
2	2	2	2	2399667-2	RADIAL SEAL, 95 mm2	LIQUID SILICONE RUBBER	GREEN	20
1	1	1	1	2369840-3	CABLE COVER, PE, 25mm2	PBT-GF30 HR HFS	BLUE	19
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-	-	1	1	2401254-1	STRAIN RELIEF AC	PBT-GF30 HR HFS	BLACK	13
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-	-	1	1	2390858-2	CABLE EXIT, WITH AC	PA6-GF30	ORANGE	10
1	1	-	-	2390858-1	CABLE EXIT, WITHOUT AC	PA6-GF30	ORANGE	9
2	2	2	2	2390840-2	DIA 8MM,PIN TERMINAL ASSY	COPPER	SILVER/TIN	8
2	2	2	2	2338077-1	SEALING	VMQ	RED	7
1	1	1	1	2292534-1	PROTECTION CAP,WATER DRAIN	PA6-GF10+GB20	BLACK	6
1	1	1	1	2293270-5	PIN DIA 6.0, RIGID, POWER PE	BRASS	SILVER	5
4	4	-	-	2389290-2	CHARGE INLET HSG, CAVITY PLUG	PA6-GF30	BLACK	4
-	-	4	4	2293269-3	PIN CONTACT, DIA 6, ASSY	COPPER	SILVER	3
1	1	1	1	2338079-1	PERIPHERIAL SEAL COMBO	VMQ	SIGNAL BLUE	2
-	1	-	1	2401362-4	COMBO 2, CHARGE INLET ASSY WITH LED 24V ACTUATOR	-	-	1
1	-	1	-	2401362-3	COMBO 2, CHARGE INLET ASSY W/O LED 24V ACTUATOR	-	-	
1-2443730-4	1-2443730-3	1-2443730-2	1-2443730-1	ORDER PN	PART DESCRIPTION	MATERIAL	SURFACE/COLOR	ITEM NO
KIT ASSY W/O AC & W/O LED, 24V ACTUATOR	KIT ASSY W/O AC & WITH LED, 24V ACTUATOR	KIT ASSY WITH AC & W/O LED, 24V ACTUATOR	KIT ASSY WITH AC & WITH LED, 24V ACTUATOR					

DIMENSION AND TOLERANCES ACCORDING TO:
Bemaßungen und Toleranzen gemäß:

DIN ISO 20457
DIN EN ISO 8015 - DIN EN ISO 291
DIN EN ISO 14405-1/-2/-3

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

0 PLC
1 PLC
2 PLC
3 PLC
4 PCE
ANGLES
FINISH

±
±0.1
±0.05
±0.001
±0.0001
±0.001

TOLERANCES UNLESS
OTHERWISE SPECIFIED

DWN
AJITH JAMES
CHK
AMRUTHA ROA C H
APVD
KASHYAP P B

20APR2023
21APR2023
21APR2023

PRODUCT SPEC
108-94907
APPLICATION SPEC
114-94810

WTGHT
-

CUSTOMER DRAWING

TE Connectivity

NAME
CCS2-KIT ASSY_95SQMM-32A

SIZE
A1

CAGE CODE
00779

DRAWING NO
2443730

RESTRICTED TO
-

SCALE
1:1

SHEET
2

OF
2

REV
A1

4805 (3/13)