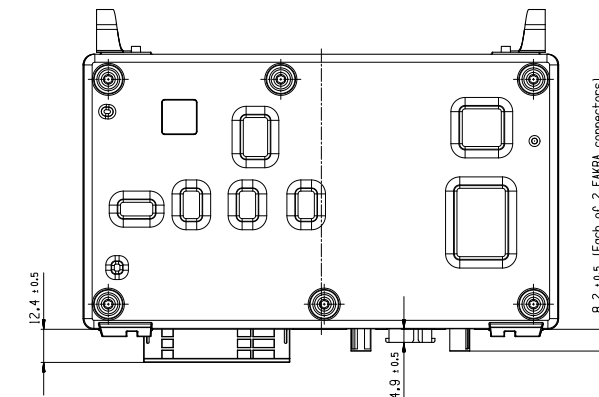
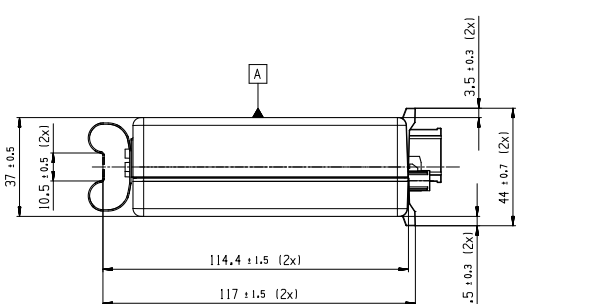
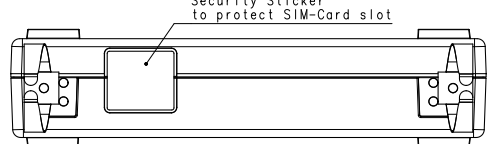
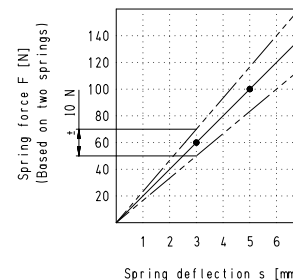


Receptor Pins	Function
1	KL_30 (UBAT)
2	KL_30 (UBAT)
3	not connected
4	not connected
5	KL_15 (IGNITION)
6	CAN1_GND
7	CAN1_GND
8	DIGITAL_IN4_GND
9	DIGITAL_IN3
10	not connected
11	not connected
12	not connected
13	not connected
14	not connected
15	not connected
16	not connected
17	LS_SWITCH_2_GND
18	LS_SWITCH_2
19	KL_31 (GND_Z)
20	KL_31 (GND_Z)
21	not connected
22	CAN2_GND
23	CAN2_GND
24	CAN1_H
25	DIGITAL_IN5_GND
26	DIGITAL_IN3
27	DIGITAL_IN2_GND
28	DIGITAL_IN1
29	not connected
30	VOLTAGE_MEASURE_GN
31	not connected
32	not connected
33	not connected
34	not connected
35	LS_SWITCH_1_GND
36	LS_SWITCH_1
37	KL_31 (GND_Z)
38	KL_31 (GND_z)
39	not connected
40	CAN2_H
41	CAN2_L
42	CAN1_L
43	DIGITAL_IN5
44	DIGITAL_IN3_GND
45	DIGITAL_IN2
46	DIGITAL_IN1_GND
47	VOLTAGE_MEASURE
48	not connected
49	not connected
50	not connected
51	not connected
52	not connected
53	not connected
54	not connected



MATERIALS:

COVER: GD AISI9Cu3 DIN 1706 or ADC 12 lead free

BASE PLATE: GD AISI9Cu3 DIN 1706 or ADC 12 lead free

SPRING: DIN EN 10088 1.4310 (X10CrNi18-8 KT)

SCREW: DIN 10263, 1.5525, Plating: Zn-Ni

CONNECTORS: Main-Connector: Company: Tyco
Housing: PA46-GF30
Contacts: CuFe2P and CuMg0.1 / Plating Sn over Ni

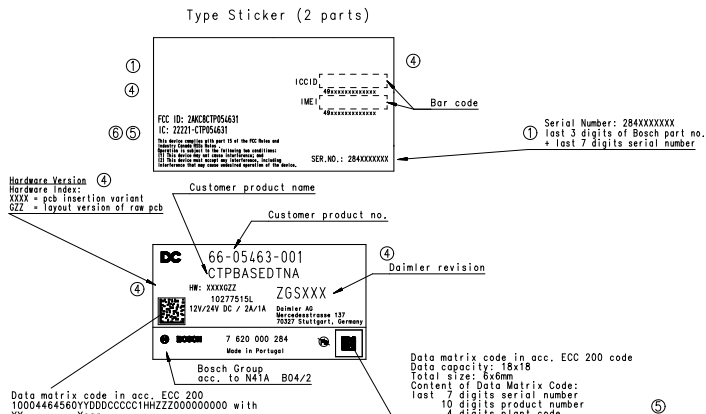
USB-Connector: Company: Molex
Housing SPS, glass filled
Contacts: Copper alloy / Plating: Au over Ni
Shell: Copper alloy / Plating: Tin over Ni

Fakra-Connectors: Company: Rosenberger
Housing: PA 6T/66
Dielectric: PA 6T/66
Center contact: Brass / Plating: AuroDur® gold plated
Outer contact: Zinc alloy / Plating Tin over Ni

<u>Nominal voltage:</u>	12V or 24V
<u>Test voltage:</u>	24V
<u>Operating temperature:</u>	-40°C to 60°C (full operation, see also CTP-4958, CTP-3856)
<u>Operating temperature:</u>	60°C to 75°C (limited operation, CAN alive until components are at max. temp. of 85°C)
<u>Storage temperature:</u>	-40°C to 85°C
<u>Type of protection:</u>	IP30 in accordance with DIN EN 60529 (applies for the connectors), IP31 in accordance with DIN EN 60529 (excluded the connectors but with possibly refurbishment for further use)
<u>Weight ca.:</u>	640g

Set shown without package
This drawing gives only the most
essential mounting measures.

The given tolerances are for
acceptance purposes.
The addition of tolerances given
in the part drawings result
if applicable in other values.



Data matrix code in acc. ECC 200

1000446560YYDDCCCC1HHZZZZ0000000000 with

YY -Year

DDD -Production day

CCCC -Serial no.

1 -Production line

HH -Plant marking (01 for Braga) ⑤

ZZZ -Drawing index

000000000 -Free for supplier marking

Content of Data Matrix Code:
last 7 digits serial number
10 digits product number
4 digits plant code

Label according to MBN 10435
Data Matrix Code (DMC) content according to MBN 10495

 The base plane 'A' to be determined with 4 points

Size acc. to / Masse nach ISO 14405-1:2010-12	
envelope principle/ Huellprinzip	

04	A25098_18	20170104	cpe2h1	vfr1egen	+	2170	04-C13-2VND	+	
05	A25098_14	20161219	cpe2h1	vfr1egen	+	2170	04-C13-2VND	+	
06	A25098_09	20161118	bis2ch1	vfr1egen	+	2170	04-C13-2VND	+	
07	A25098_07	20160427	cpe2h1	vfr1egen	+	2170	04-C13-2VND	+	
Charg/Handl.		*****MMEDC	Dreier/Sec.	Checke/Handl.	Reisen/Freizeit	Grp1	Adm. Info./Arbeits-Mit.	Adm. Info./Zus. Info.	
Treatment/ Bewertung								Missed Data/Left/In/Not Angew.	Size
Leng./Form/ en/de		Right./Auss.					Free/used		
			CONNECTING DEVICE ANSCHLUSSGERÄT				cTP-base 07/14	Shw	
Drift, P1		Score/Label	Mts. mnts./Shfts + Spt.		Use, Rep.	7 620 000 284 EA		Drum	Pr
MNR		1-1	N 2580 - 1		2014		284 EA	0000	Pr