

P/N 2141619-1
- CODE A -

P/N 2141619-2
- CODE B -

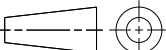
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A		NEW DRAWING	02APR2015	AHM	FW I
B1		Added new dash variant 4-2141619-1 (COD. A)	11FEB2019	JJH	TSV
C		UPDATED 0-2141619-1 (CODE A)	19JUN2019	SK	TSV
D		UPDATED KIT WITH NEW HDR HSG AND BUSH DESIGN	10JUL2024	JJH	KPY

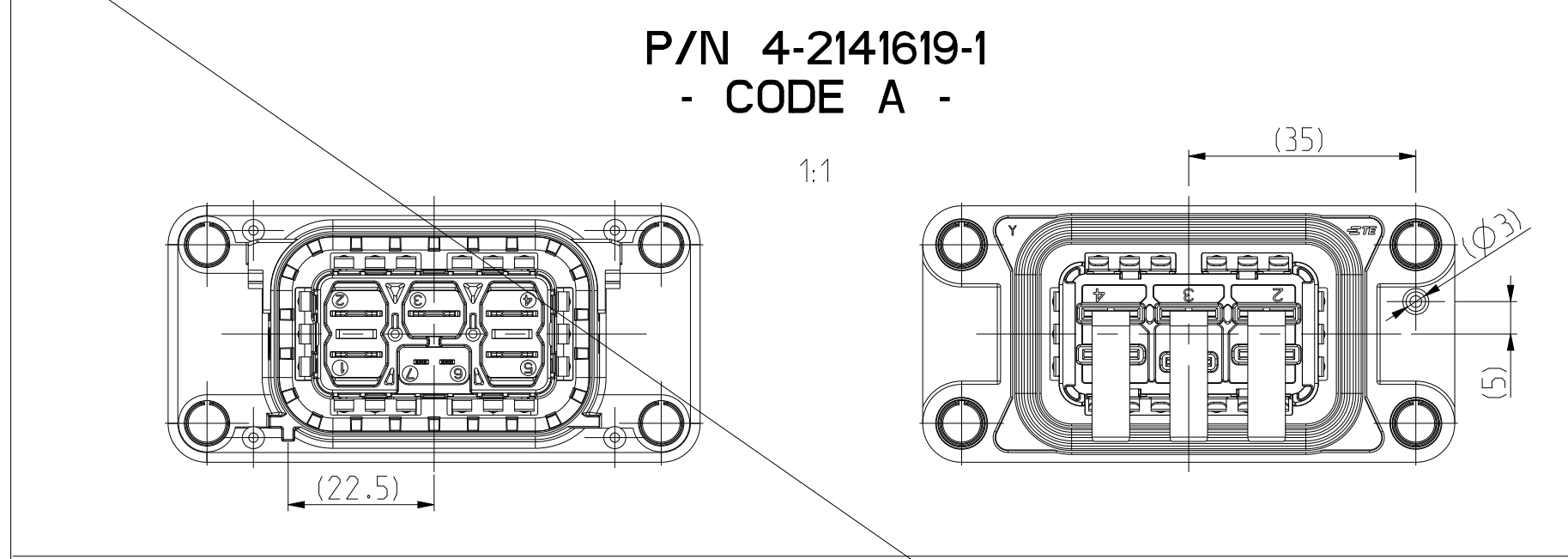
- IN CASE OF DISCREPANCIES BETWEEN GERMAN AND ENGLISH TEXT THE GERMAN TEXT IS BINDING
Im Falle von Unterschieden zwischen dem deutschen und dem englischen Text ist der deutsche Text verbindlich
- SUBJECT TO TECHNICAL CHANGES
TE DOESN'T COMPENSATE FOR FOLLOW-UP-COSTS DUE TO TECHNICAL CHANGES
Technische Aenderungen vorbehalten
TE kommt nicht fuer Folgekosten durch Aenderungen auf
- TE PART NUMBER HEADER ASSY
TE-Teilenummer Baugruppe Stiftwanne
- TRAY-PACKAGING IN SHIPPING BOX 973057-2
Trayverpackung im Versandkarton 973057-2
- AREA FOR MARKING OF PRODUCTION DATE
Bereich fuer Kennzeichnung mit Produktionsdatum
- AREA FOR MARKING OF GOOD PIECES
Bereich fuer Gutteilmarkierung
- THIS CONTACT AREA OF TABS TINPLATED
Kontaktbereich der Tabs verzinkt
- PRESS OUT FORCE OF SLEEVES: MIN. 10N
Mindestauspresskraft fuer Buchsen: 10N
- PRESS OUT FORCE FOR TABS 6.3x0.8mm: >=50N (WITH FEED 25mm/min)
Ausdrueckkraft der 6.3x0.8mm Tabs: >=50N (mit Vorschub 25mm/min)
- PRESS OUT FORCE FOR TABS 1.2x0.6mm: >=30N (WITH FEED 25mm/min)
Ausdrueckkraft der 1.2x0.6mm Tabs: >=30N (mit Vorschub 25mm/min)
- MAX. ALLOWABLE PARTICLE SIZE ACC. VDA BAND 19: 0.5mm
Max. zulaessige Partikelgroesse gemaeSS VDA Band 19: 0.5mm

P/N 2141619-1
EXPLODED VIEW
1:1

NOTE Bem.	SPECIFICATIONS Spezifikationen	
50	MATING CONNECTOR: HV Connector HVA630-5p Gegenstecker: HV Stecker HVA630-5p	114-94114-1
51	INTERFACE DRAWING HVA630-5p Schnittstellenzeichnung HVA630-5p	114-94099
52	INTERFACE DRAWING, ADAPTER PLATE, HVA630-5p Ausfuehrungsvorschrift, Aufnahmeplatte, HVA630-5p	114-94279
53	PRODUCT-SPEC. Produktspezifikation	108-94235
54	APPLICATION-SPEC. MATING CONNECTOR Verarbeitungsspezifikation Gegenstecker	114-94114

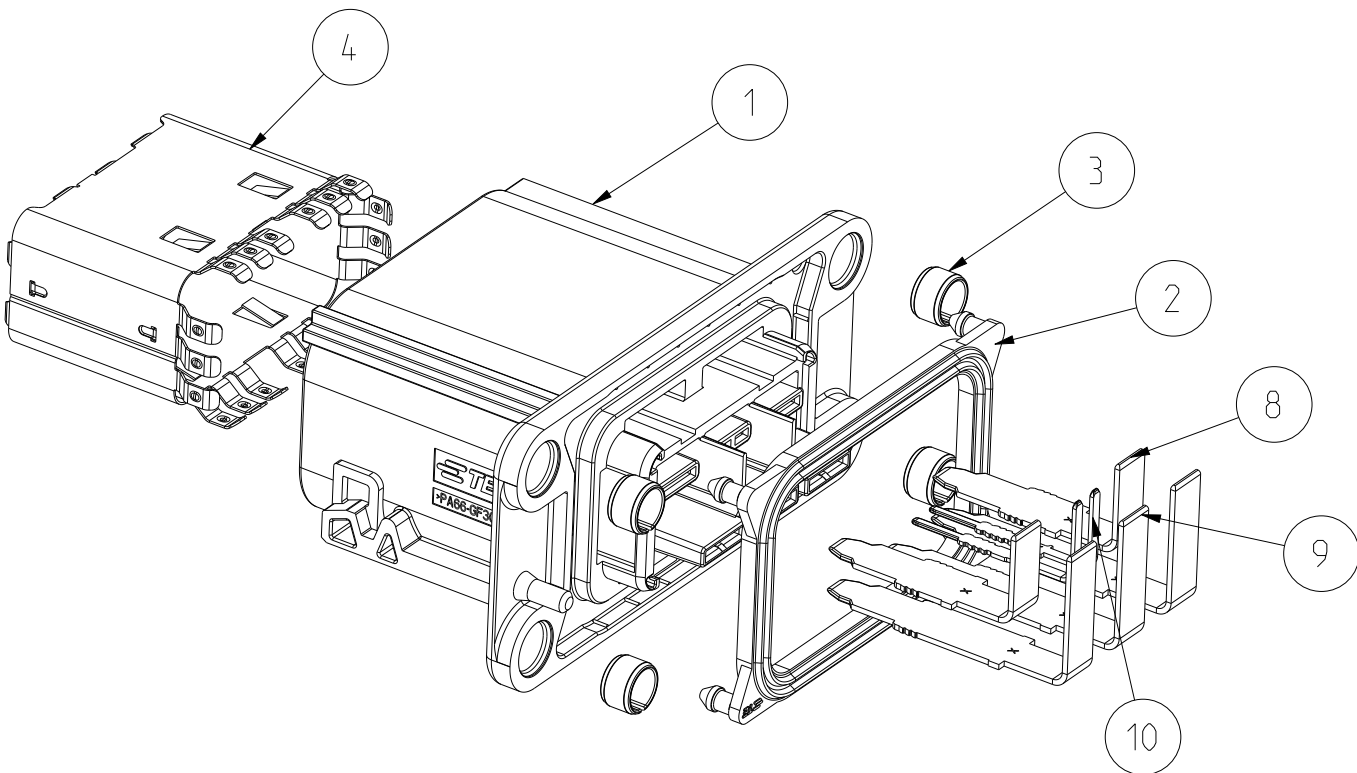
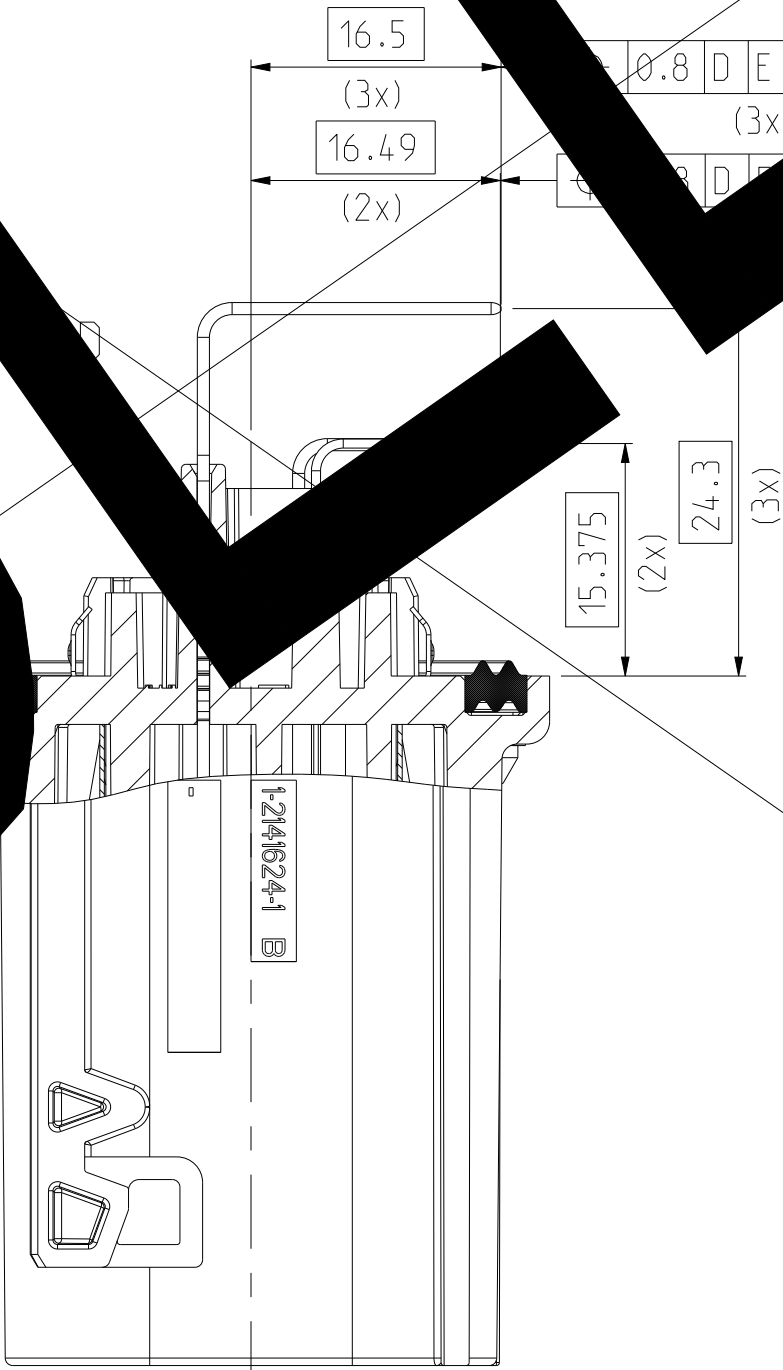
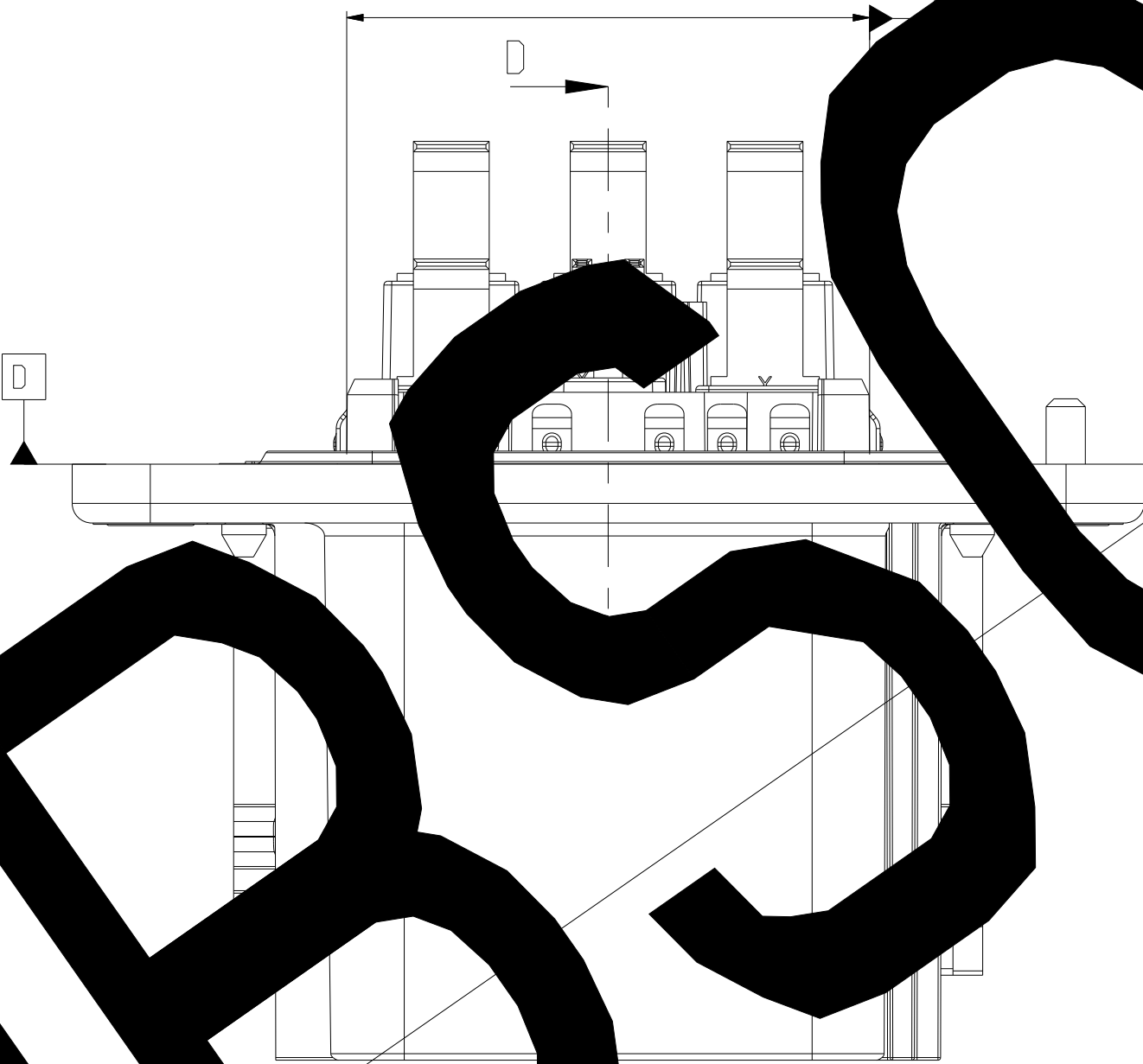
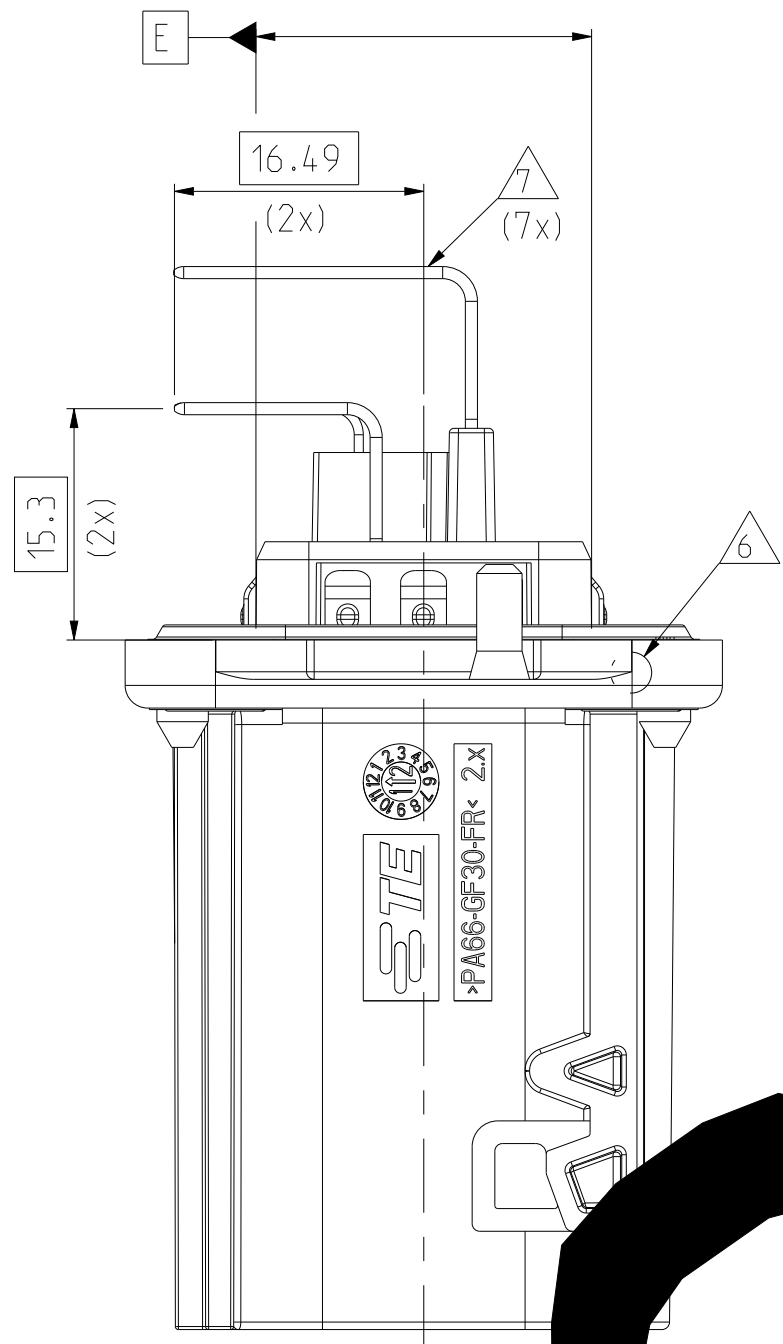
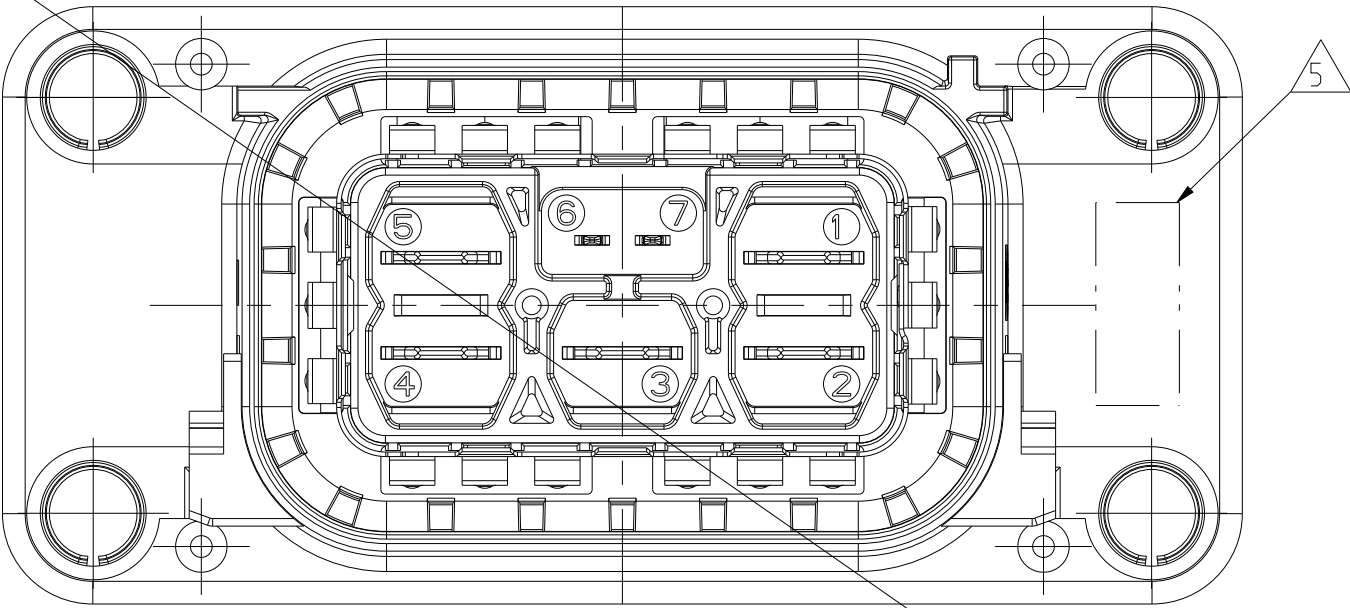
2	-	-	TAB 1.2 x 0.6mm	CuSn	Sn OVER Ni / Ag OVER Ni	10
3	-	-	TAB 6.3/5.2 x 0.8mm	CuSn	Sn OVER Ni / Ag OVER Ni	9
2	-	-				8
-	2	2	TAB 1.2 x 0.6mm	CuSn	Sn OVER Ni / Ag OVER Ni	7
-	2	2	TAB 6.3 x 0.8mm kurz	CuSn	Sn OVER Ni / Ag OVER Ni	6
-	3	3	TAB 6.3 x 0.8mm lang	CuSn	Sn OVER Ni / Ag OVER Ni	5
1	1	1	EMC SHIELD FOR 5+2 POS HV CONNECTOR	CuNiSi	Ag OVER Ni	4
4	4	4	COMPRESSION DELIMITER	STEEL Stahl	ZnNi PLATED ZnNi Beschichtung	3
		-	SEAL FOR 5+2 POS. HV CONNECTOR	SILIKON	WHITE	2
1	-	1	SEAL FOR 5+2 POS. HV CONNECTOR	SILIKON	BLACK	
1	-	1	HEADER FOR 5+2 POS. HV CONNECTOR CODE A			
-	1	-	HEADER FOR 5+2 POS. HV CONNECTOR CODE B	PA66-GF25-FR	ORANGE SIMILAR RAL2003	1
-	-	-	HEADER FOR 5+2 POS. HV CONNECTOR CODE A			

4-2141619-1 CODE A		REV	A	2141619-2 CODE B		REV	A	2141619-1 CODE A		REV	D	DESCRIPTION	MATERIAL	SURFACE/COLOR	ITEM Pos.			
THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER GPS (ISO STANDARDS) UNLESS OTHERWISE SPECIFIED:												DWN Aravind H M F. Wittrock APVD D. Weyrauch PRODUCT SPEC APPLICATION SPEC	02APR2015				 TE Connectivity	
DIMENSIONS: mm				TOLERANCES UNLESS OTHERWISE SPECIFIED:		DIN ISO 2768-mK				NAME		HEADER ASSY, HV CONNECTOR, 5 POS Stiftwanne Baugruppe, HV-Stecker, 5polig						
MATERIAL SEE TABLE Siehe Tabelle		FINISH				WEIGHT		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO				
								A 00779		©=2141619		SCALE 2:1		SHEET 1 of 3				
CUSTOMER DRAWING																REV D		

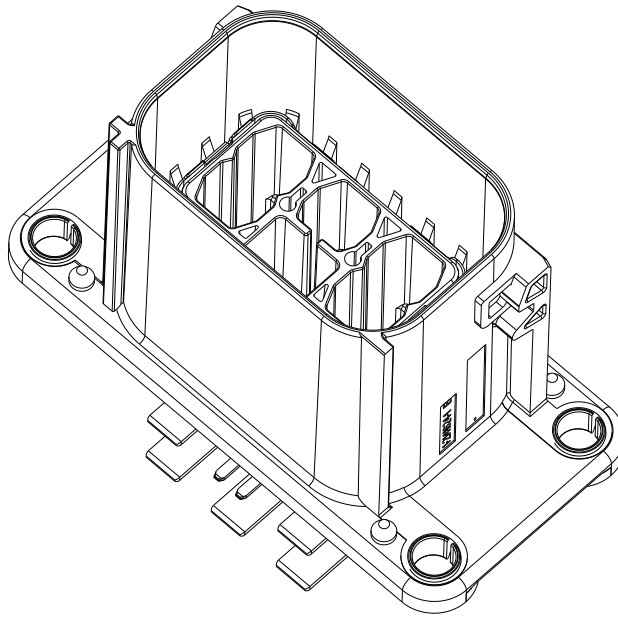


FOR NOTES AND MISSING DIMENSIONS
REFER SHEET 1 OF 3

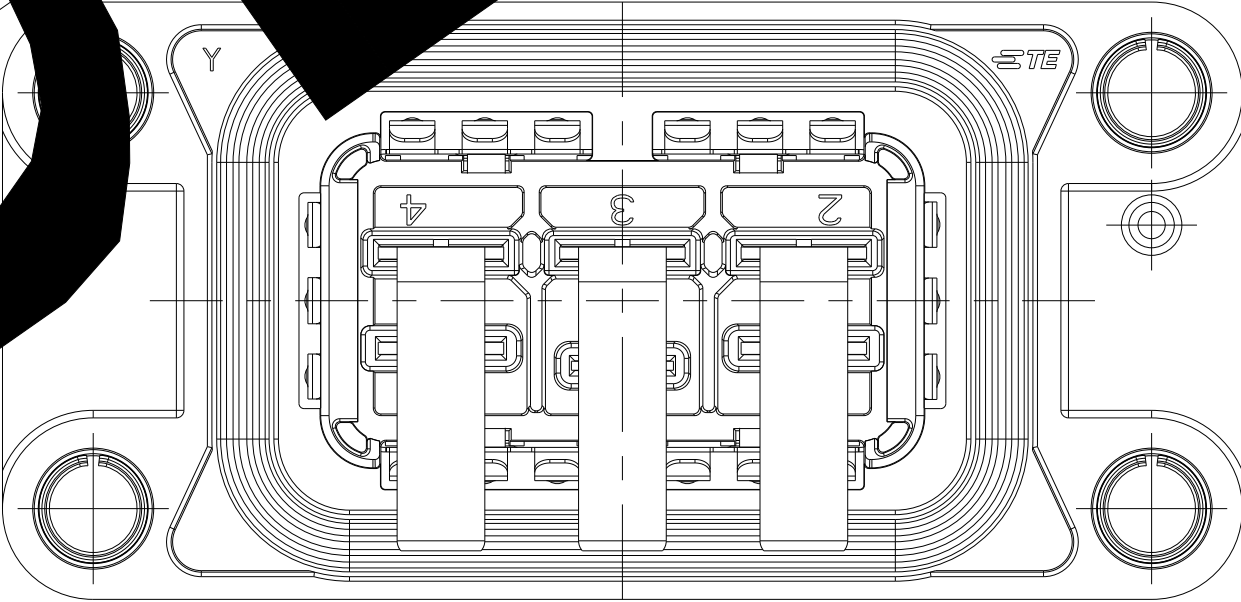
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



P/N 4-2141619-1
EXPLODED VIEW
1:1



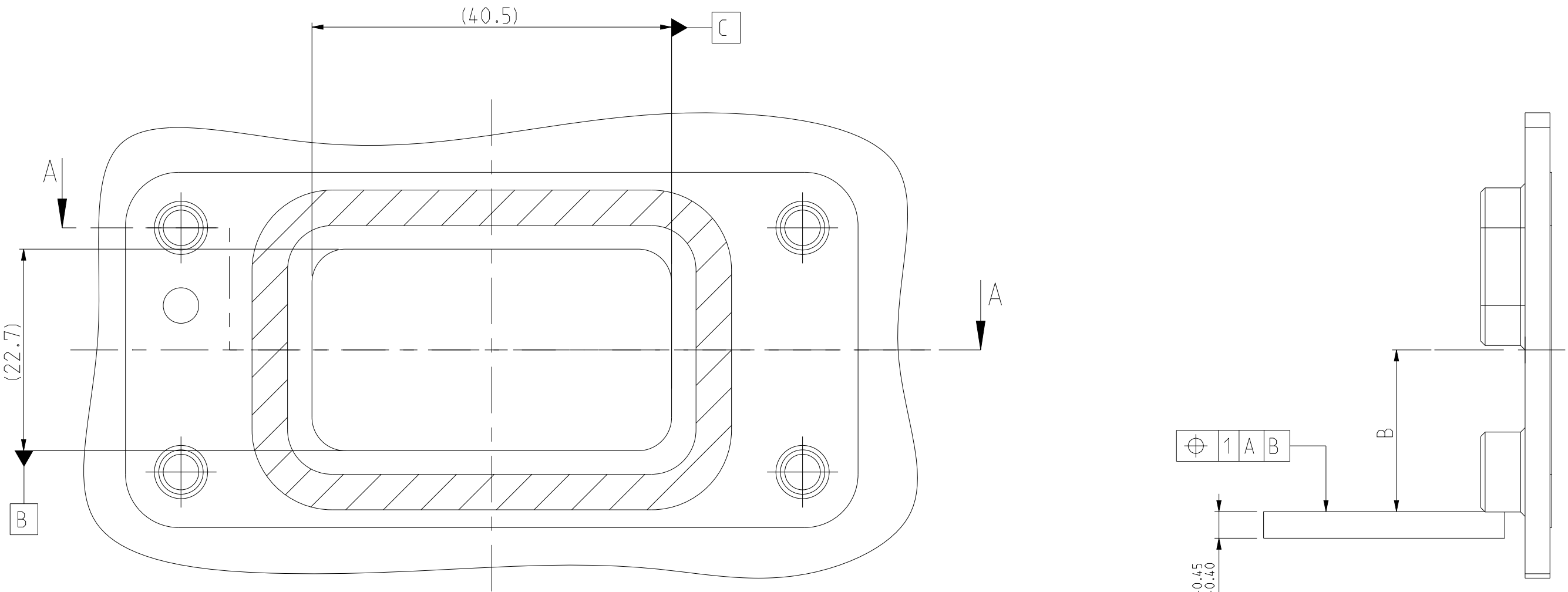
P/N 4-2141619-1
AS SHOWN
1:1



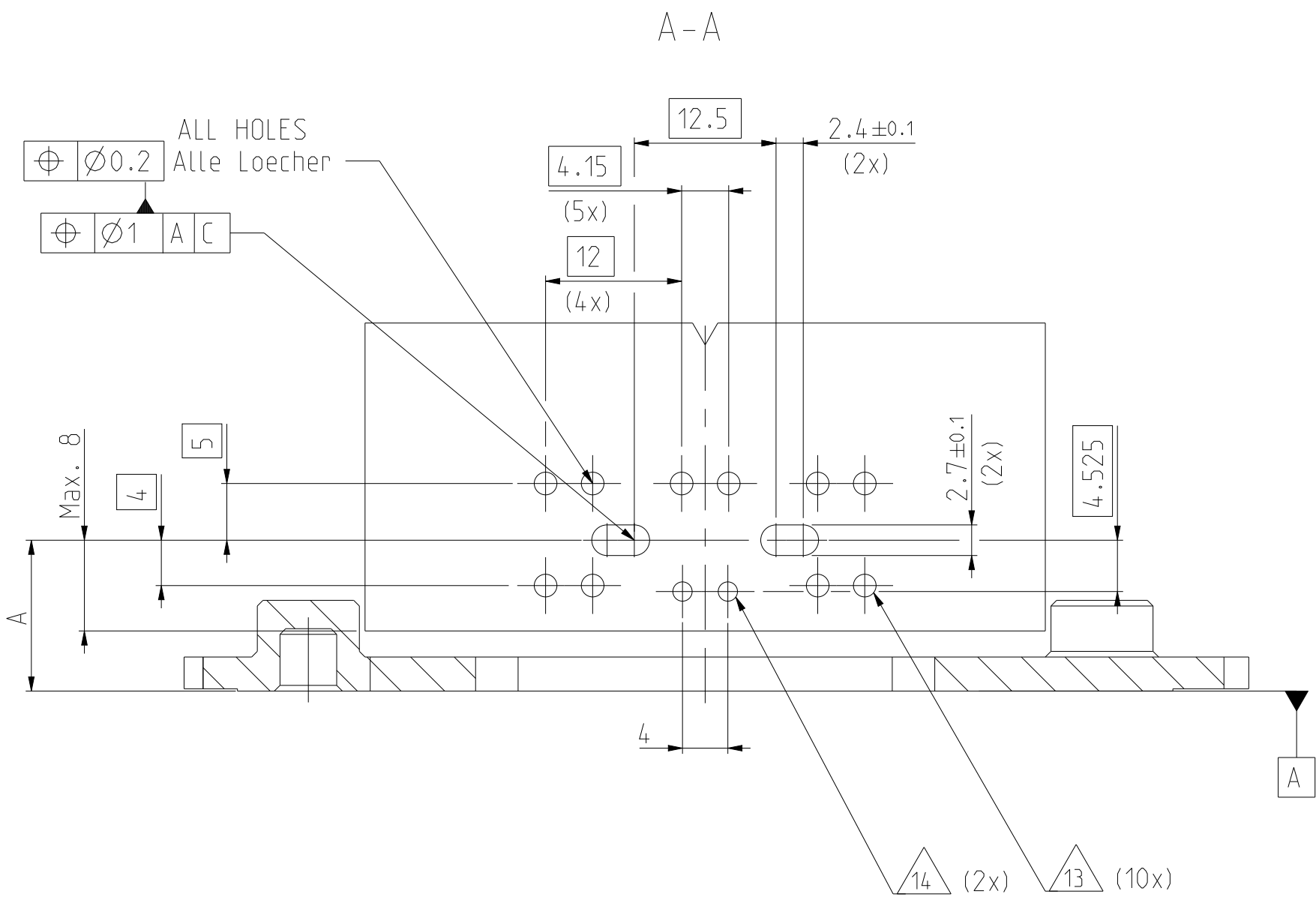
THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER GPS (ISO STANDARDS).		DWN Aravind H M 02APR2015	TE Connectivity	
DIMENSIONS: mm		CHK F. Wittrock	NAME HEADER ASSY, HV CONNECTOR, 5 POS Stiftwanne Baugruppe, HV-Stecker, 5polig	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. Weyrauch	PRODUCT SPEC	
DIN ISO 2768-mK		APPLICATION SPEC	SIZE A	
MATERIAL SEE TABLE Siehe Tabelle		WEIGHT -	CAGE CODE 00779	
FINISH SEE TABLE Siehe Tabelle		CUSTOMER DRAWING	DRAWING NO C=2141619	
SCALE 2:1		SHEET 2 OF 3		REV D

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

INTERFACE ADAPTER PLATE ACC. 114-94279
Ausfuehrungsvorschrift Aufnahmeplatte nach 114-94279
DESIGN FOR USE OF CENTRE PLATE 2141629-1
Konstruktion sieht Verwendung von Zentrierkappe 2141629-1 vor



- 13 SUBJECT TO TECHNICAL CHANGES.
TE DOESN'T COMPENSATE FOR FOLLOW-UP-COSTS DUE TO TECHNICAL CHANGES
Technische Aenderungen vorbehalten.
TE kommt nicht fuer Folgekosten durch Aenderungen auf.
- 14 POSITIONING OF HOLES FOR USAGE OF TERMINALS PN 1719102-1
Positionsvermessung der Bohrungen fuer Einsatz von Loetkontakten PN 1719102-1 fuer HV Power
- 15 POSITIONING OF HOLES FOR USAGE OF TERMINALS PN 1670208-2
Positionsvermessung der Bohrungen fuer Einsatz von Loetkontakten PN 1670208-2 fuer HV Interlock



20.4	19.3	4-2141619-1	2
18.2	13.3	0-2141619-1	1
B	A	PART NO	ITEM Pos.

DIESE ZEICHNUNG IST EIN KONTROLLIERTES DOKUMENT.
BEMASSUNGEN UND TOLERANZEN GEMAESS GPS (ISO STANDARDS).

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONING AND TOLERANCING PER GPS (ISO STANDARDS).

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
DIN ISO 2768-mK

0-PLC
1-PCC
2-PLC
3-PLC
4-PCC
ANGLES

FINISH

MATERIAL
SEE TABLE
Siehe Tabelle

FINISH

DWN
Aravind H M
02APR2015

CHK
F. Wittfoeck

APVD
D. Weyrauch

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

NAME
HEADER ASSY, HV CONNECTOR, 5 POS
Stiftwanne Baugruppe, HV-Stecker, 5polig

SIZE
A

CAGE CODE
00779

DRAWING NO
©=2141619

RESTRICTED TO

SCALE
1:1

SHEET
3

OF
3

REV
D

TE Connectivity

4805 (3/13)