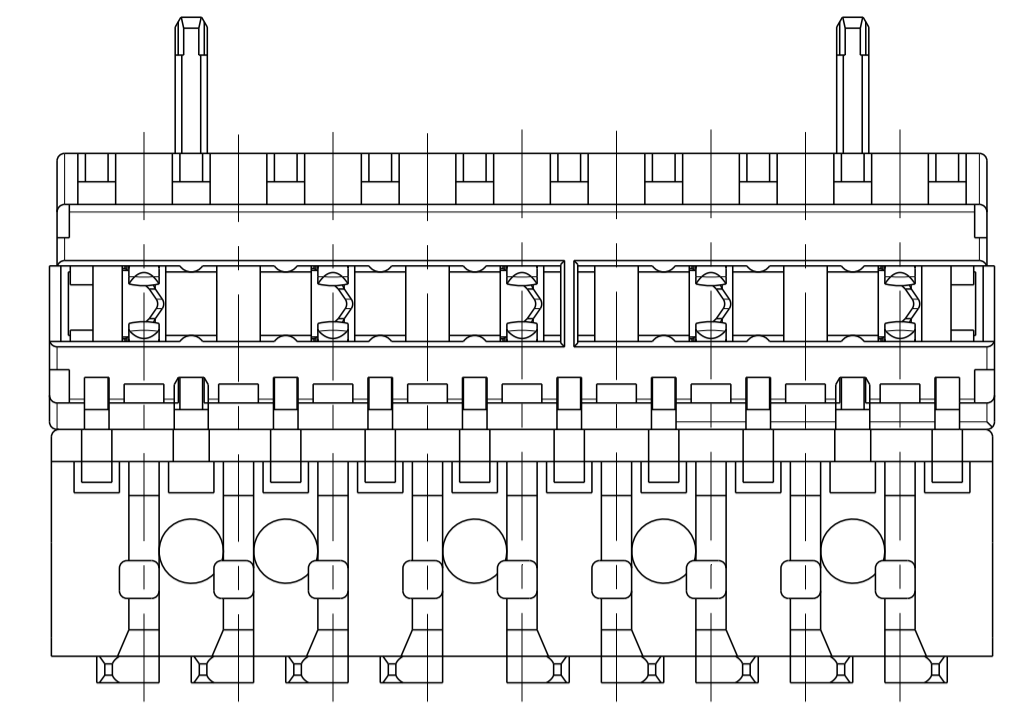
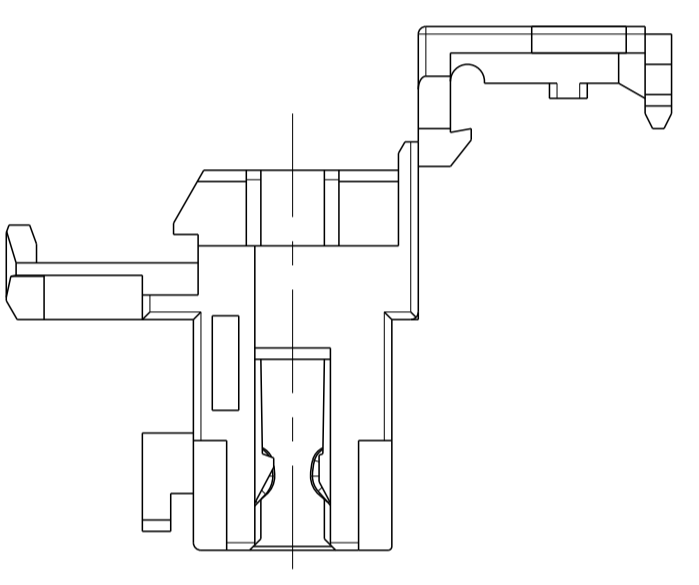
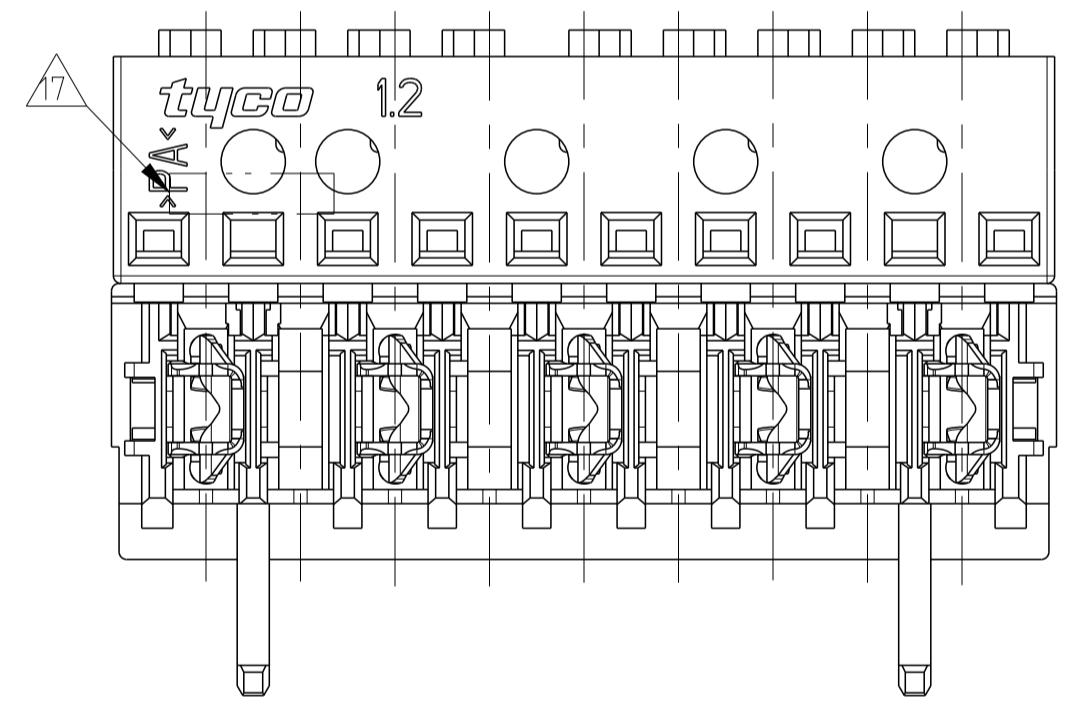
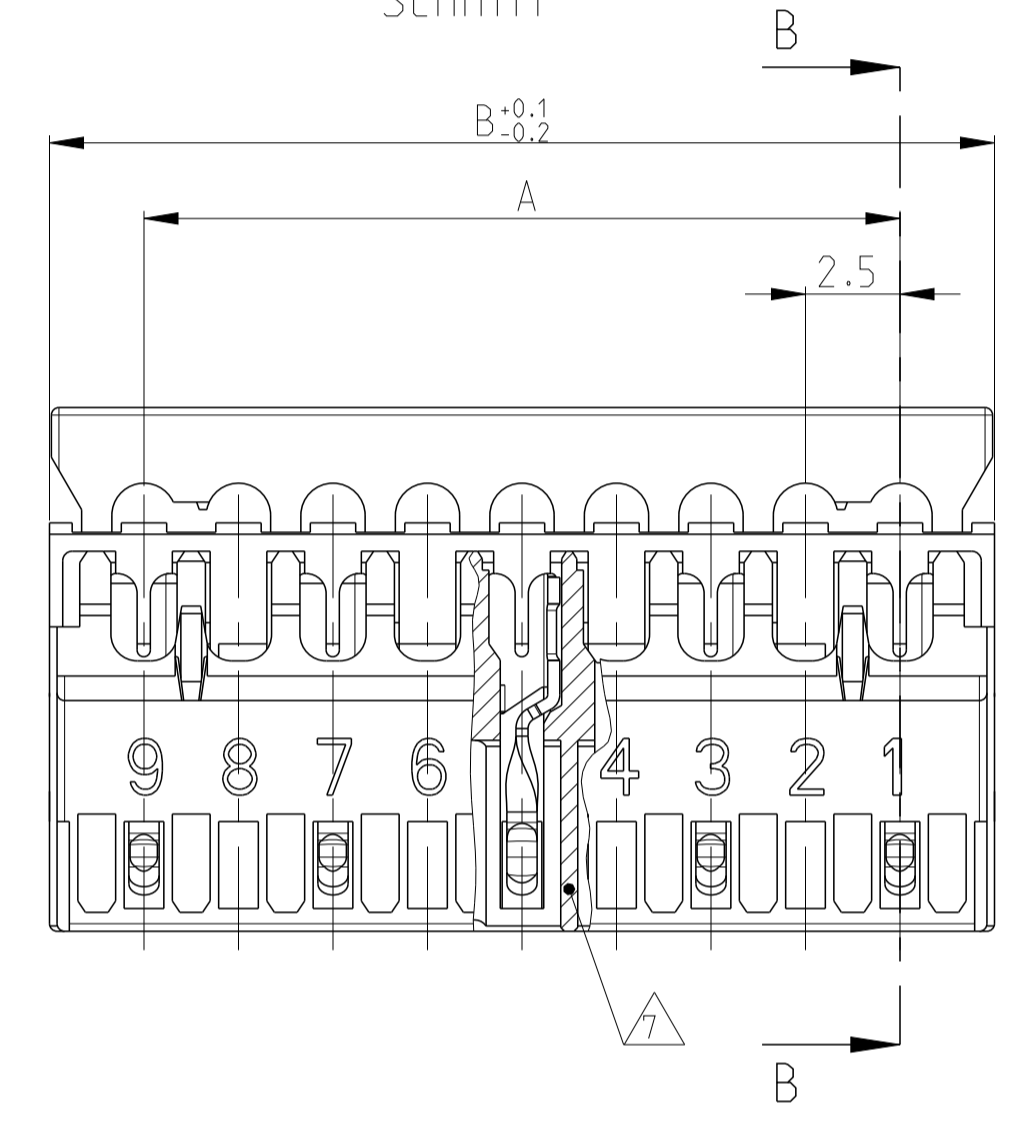


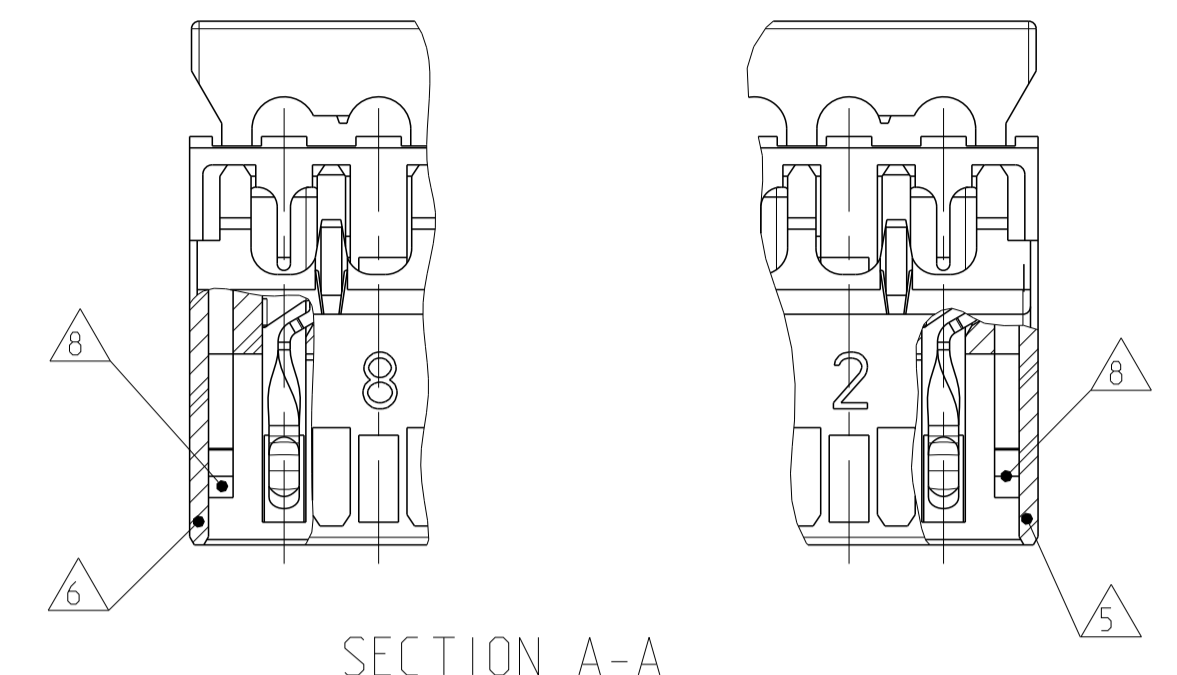
LOC	DIST	REVISIONS			
A1	-	REV	DATE	BY	APPV
C5	ECR-14-001045		22JAN2014	SS	RR
C6	ECR-17-003435		09MAR2017	KD	RR
C7	ECR-17-006979		24MAY2017	W W	RR
C8	ECR-18-000343		23JAN2018	KD	RR



SECTION A-A
Schnitt

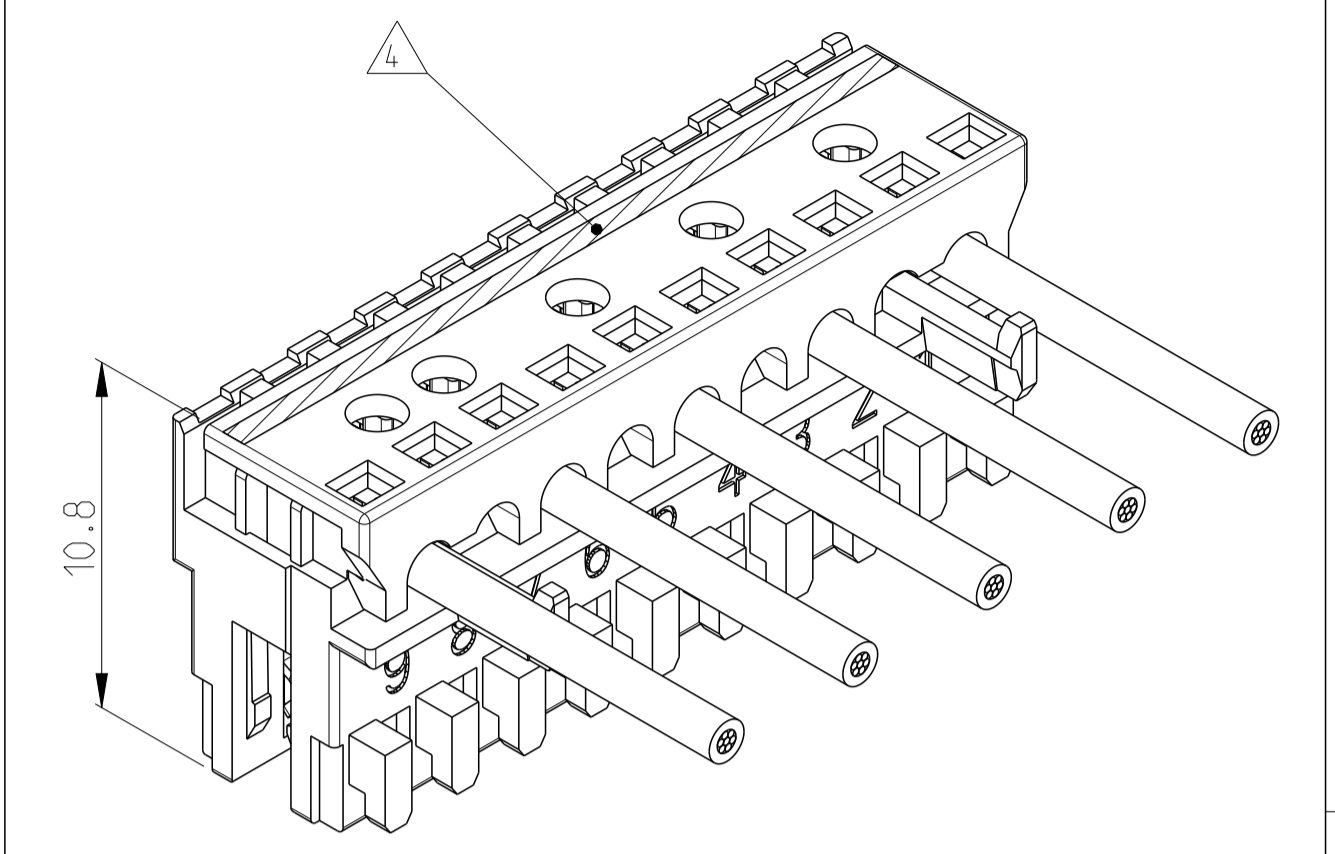
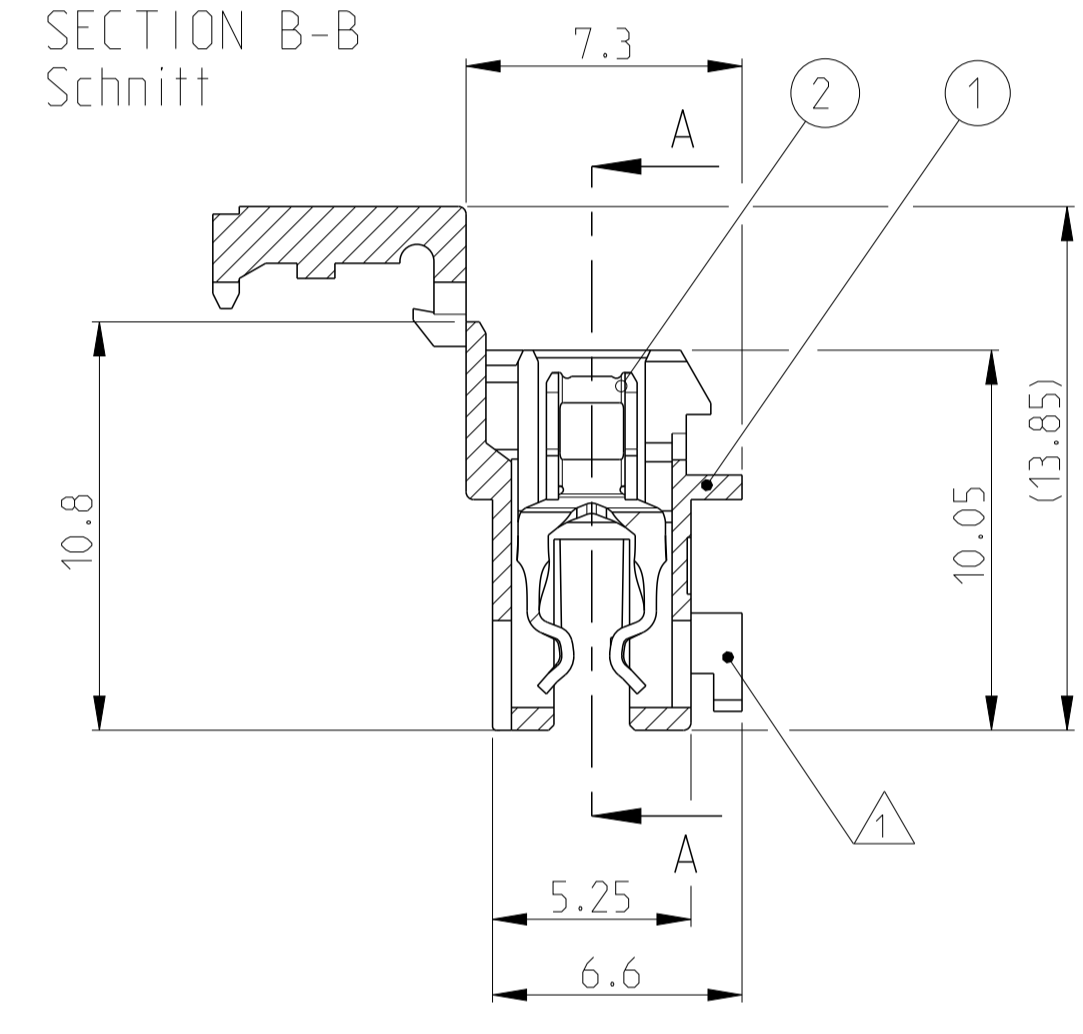


SIDE KEYING
Seitenkodierung



SECTION A-A
Schnitt

SECTION B-B
Schnitt



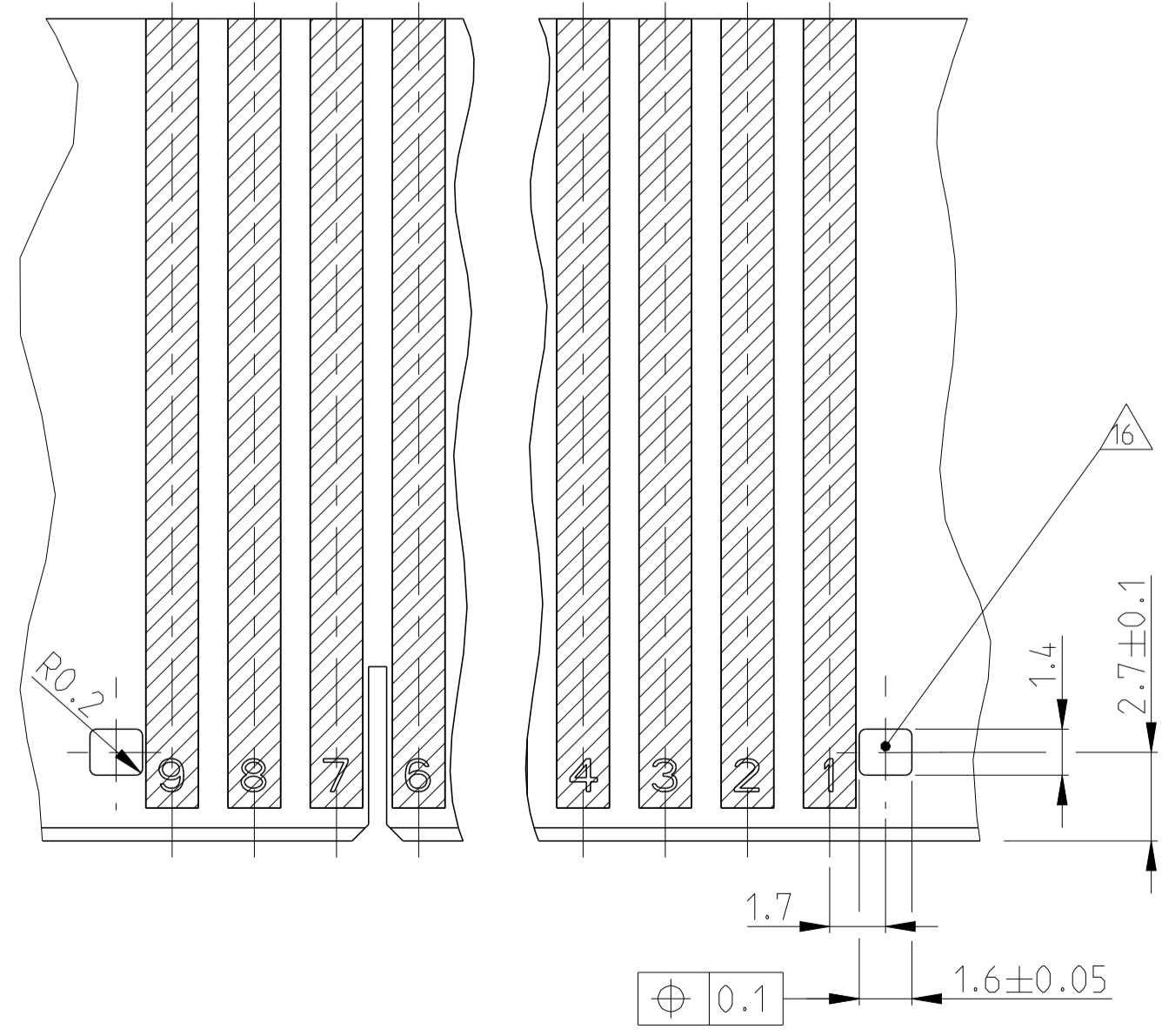
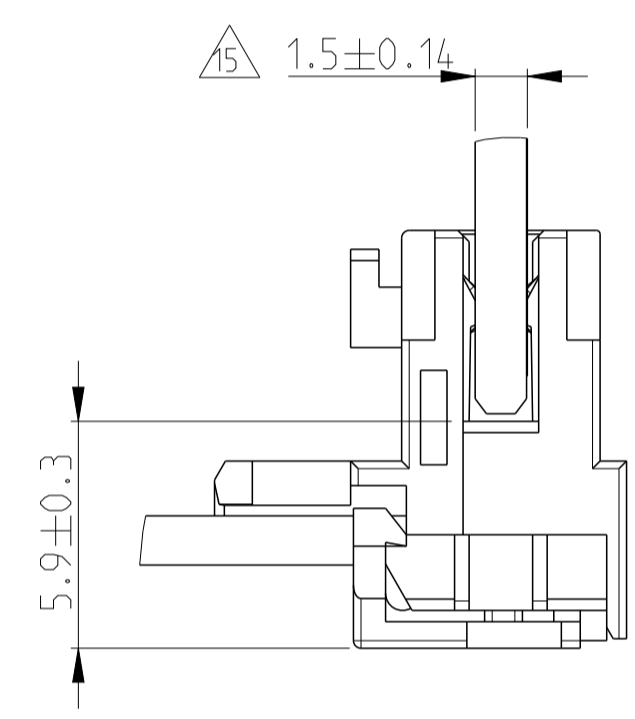
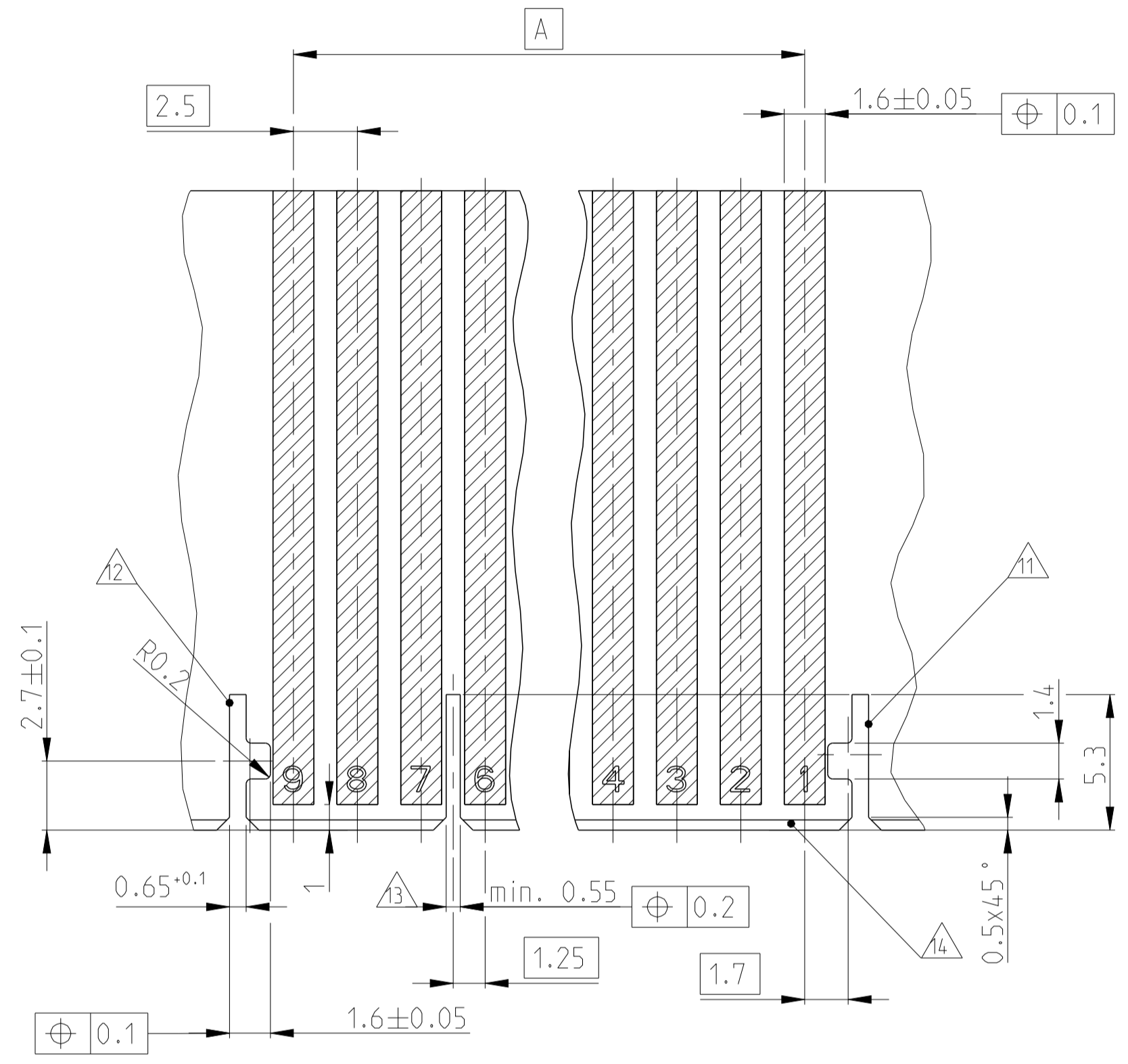
- 18 PRELIMINARY PART - NOT YET RELEASED FOR PRODUCTION
- 17 TE LOGO
- 11-16 SEE SHEET 2
Siehe Blatt 2
- 10 X.. CAVITY LOADED WITH CONTACT
O.. CAVITY WITHOUT CONTACT
X.. Kammer mit Kontakt bestueckt
O.. Kammer ohne Kontakt
- 9 IEC 60695-2-11 / IEC 60335-1 GLOW WIRE TEST 750 °C WITHOUT FLAME
IEC 60695-2-11 / IEC 60335-1 Gluehdrahttest 750 °C ohne Flamme
- 8 LOCKING HOOK BEFORE CAVITY NO. 1 AND AFTER LAST CAVITY
Rasthaken vor Kammernummer Nr. 1 und nach letzter Kammer
- 7 ADDITIONAL KEYING RIB BETWEEN CAVITY NO.
Zusaetzliche Kodierrippe zwischen Kammer Nr.
- 6 SIDE KEYING, ON LAST CAVITY
Seitenkodierung, bei letzter Kammer
- 5 SIDE KEYING, ON CAVITY NO. 1
Seitenkodierung, bei Kammer Nr. 1
- 4 COLOUR MARKING ON TOP OF HOUSING
Farbmarkierung auf Gehaeuseoberseite
- 3 MATING PART: PCB ACCORDING TO SHEET 2 OF 2
Passender Gegenstecker: Leiterplatten siehe Blatt 2 von 2
- 2 WIRE RANGE: 0.22-0.35mm². SEE APPLICATION SPEC. 114-18467
Drahtgrossenbereich: 0.22-0.35mm², siehe Verarbeitungsspec. 114-18467
- 1 KEYING RIBS; CUTTING WITH TERMINATION MACHINE POSSIBLE
Kodierrippe; Schneiden auf der Verarbeitungsmaschine moeglich

POS. Polzahl	DIM "A"	DIM "B"	KEYING	KEYING	KEYING	LOCKING HOOK	PN Bestell-Nr.																																				
20	47.5	52.4																																									
19	45	49.9																																									
18	42.5	47.4																																									
17	40	44.9																																									
16	37.5	42.4																																									
15	35	39.9																																									
14	32.5	37.4																																									
13	30	34.9																																									
12	27.5	32.4																																									
11	25	29.9																																									
10	22.5	27.4																																									
9	20	24.9	2/3	-	-	X	1740918-9 18																																				
8	17.5	22.4																																									
7	15	19.9	5/6	-	-	X	2-1740918-7 18																																				
7	15	19.9	3/4, 4/5	-	-	X	1-1740918-7 18																																				
7	15	19.9	3/4	X	X	X	1740918-7 18																																				
6	12.5	17.4																																									
6	12.5	17.4																																									
5	10	14.9																																									
3	5.0	9.9	2/3	X	X	X	5-1740918-3 18																																				
3	5.0	9.9	2/3	X	X	X	4-1740918-3 18																																				
3	5.0	9.9	1/2	X	X	X	3-1740918-3 18																																				
3	5.0	9.9	-	-	-	X	2-1740918-3																																				
3	5.0	9.9	-	X	-	X	1-1740918-3																																				
Color Code	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	POS. Polzahl	DIM "A"	DIM "B"	KEYING	KEYING	KEYING	LOCKING HOOK	PN Bestell-Nr.															
4	CAVITY LOADED (kammerbestueckung)																			10																							

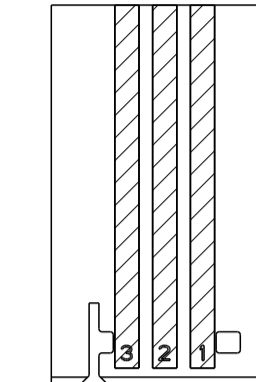
2	SEE TABLE siehe Tabelle	CONTACT/Kontakt	CuSn	TINNED/Verzinkt
1		HOUSING/Gehaeuse	PA 6 GF UL94V-2 9	NATURE/natur
POS. Polzahl	PN Bestell-Nr.	DESCRIPTION Beschreibung	MATERIAL	COLOUR/FINISH Farbe/Oberflaeche
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		
0 PLC ±0.2		1 PLC ±0.2		
2 PLC ±0.2		3 PLC ±0.2		
4 PLC ±0.2		ANGLES ±°		
FINISH		-		
MATERIAL SEE TABLE		-		
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN H. Karabiyik 03.07.2007		
		CHK B. Schnaubelt 03.07.2007		
		APPV T. Klenner 03.07.2007		
		NAME AMP DUOPLUG 2.5 MKII		
		PRODUCT SPEC 108-18785		
		APPLICATION SPEC 114-18467		
		WEIGHT -		
		CUSTOMER DRAWING		
		SCALE 5:1 SHEET 1 OF 2 REV C8		

PCB LAYOUT IN GENERAL
Leiterplattenanschluss allgemein

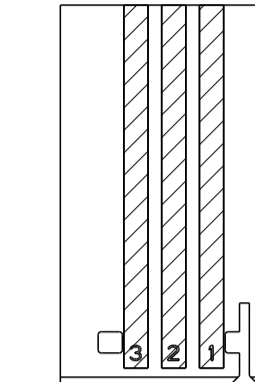
3-20 POSITION
3-20 polig



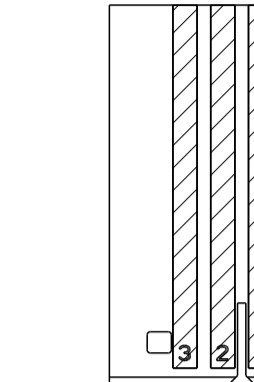
3 POSITION
 3 polig



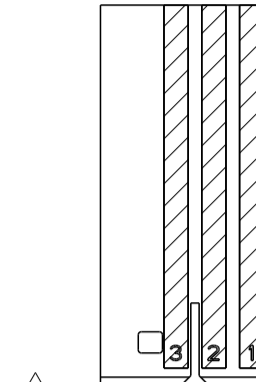
LAYOUT FOR CONNECTOR NO.
 Leiterplattenanschluss fuer PN
 1-1740918-3 (WITHOUT PAD 2)



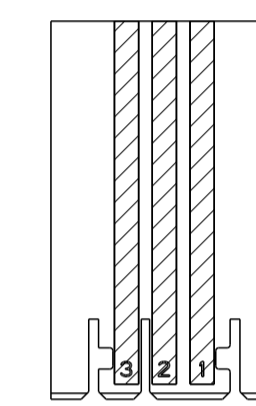
LAYOUT FOR CONNECTOR NO.
 Leiterplattenanschluss fuer PN
 2-1740918-3 (WITHOUT PAD 2)



LAYOUT FOR CONNECTOR NO.
 Leiterplattenanschluss fuer PN
 3-1740918-3 (WITHOUT PAD 2)

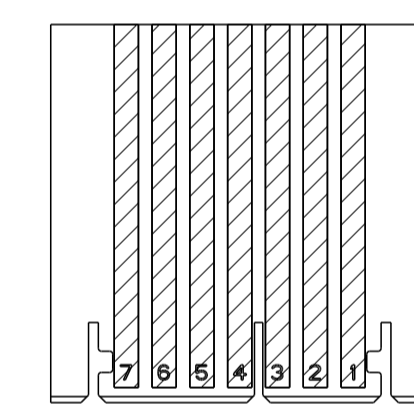


LAYOUT FOR CONNECTOR NO.
 Leiterplattenanschluss fuer PN
 4-1740918-3 (WITHOUT PAD 2)

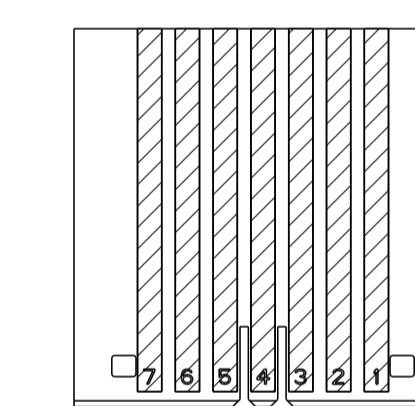


LAYOUT FOR CONNECTOR NO.
 Leiterplattenanschluss fuer PN
 5-1740918-3 (WITHOUT PAD 2)

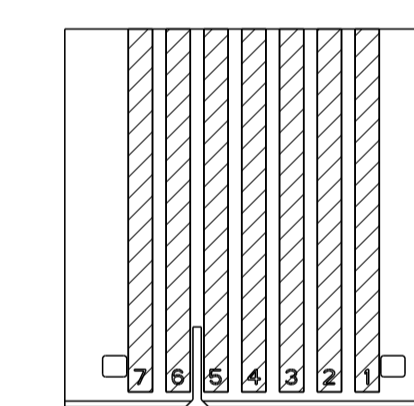
7 POSITION
 7 polig



LAYOUT FOR CONNECTOR NO.
 Leiterplattenanschluss fuer PN
 1740918-7



1-1740918-7
 (WITHOUT PAD 4)



2-1740918-7
 (WITHOUT PAD 2, 4)

- △16 WINDOW FOR LOCKING HOOK
Fenster fuer Rasthaken
- △15 INCLUSIVE COPPER CLADDING, SINGLE OR DOUBLE SIDED
Inklusive Kupferkaschierung, ein oder doppelseitig
- △14 PCB TO BE PREFERABLY CHAMFERED
Leiterplatte vorzugsweise angefast
- △13 SLOT FOR ADDITIONAL KEYING RIB BETWEEN CAVITY NO.
Schlitz fuer zusaetzliche Kodierrippe zwischen Kammer Nr.
- △12 SLOT FOR SIDE KEYING, ON LAST CAVITY
Schlitz fuer Seitenkodierung, bei letzter Kammer
- △11 SLOT FOR SIDE KEYING, ON CAVITY NO. 1
Schlitz fuer Seitenkodierung, bei Kammer Nr. 1

△1 - △10 SEE SHEET 1
 Siehe Blatt 1

LOC	DIST	REV	DATE	BY	APPV
A1	-	1	-	-	-

REVISIONS					
NO.	DESCRIPTION	DATE	BY	APPV	REASON
1	SEE SHEET 1	-	-	-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN H. Karabiyik 03.07.2007	TE Connectivity AMP DUOPLUG 2.5 MKII FEMALE CONNECTOR 3-20 POSITION WITH PCB LOCKING - SELECTIVE LOADED
DIMENSIONS:		CHK B. Schnaubelt 03.07.2007	
mm	0 PLC ±0.2 1 PLC ±0.2 2 PLC ±0.2 3 PLC ±0.2 4 PLC ±0.2 ANGLES ±°	APVD T. Klenner 03.07.2007	NAME
MATERIAL		FINISH	SIZE
-		-	114-18467
-		-	WEIGHT
-		-	114-18467
-		-	CUSTOMER DRAWING
-		-	SCALE 5:1 SHEET 2 OF 2 REV C8

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