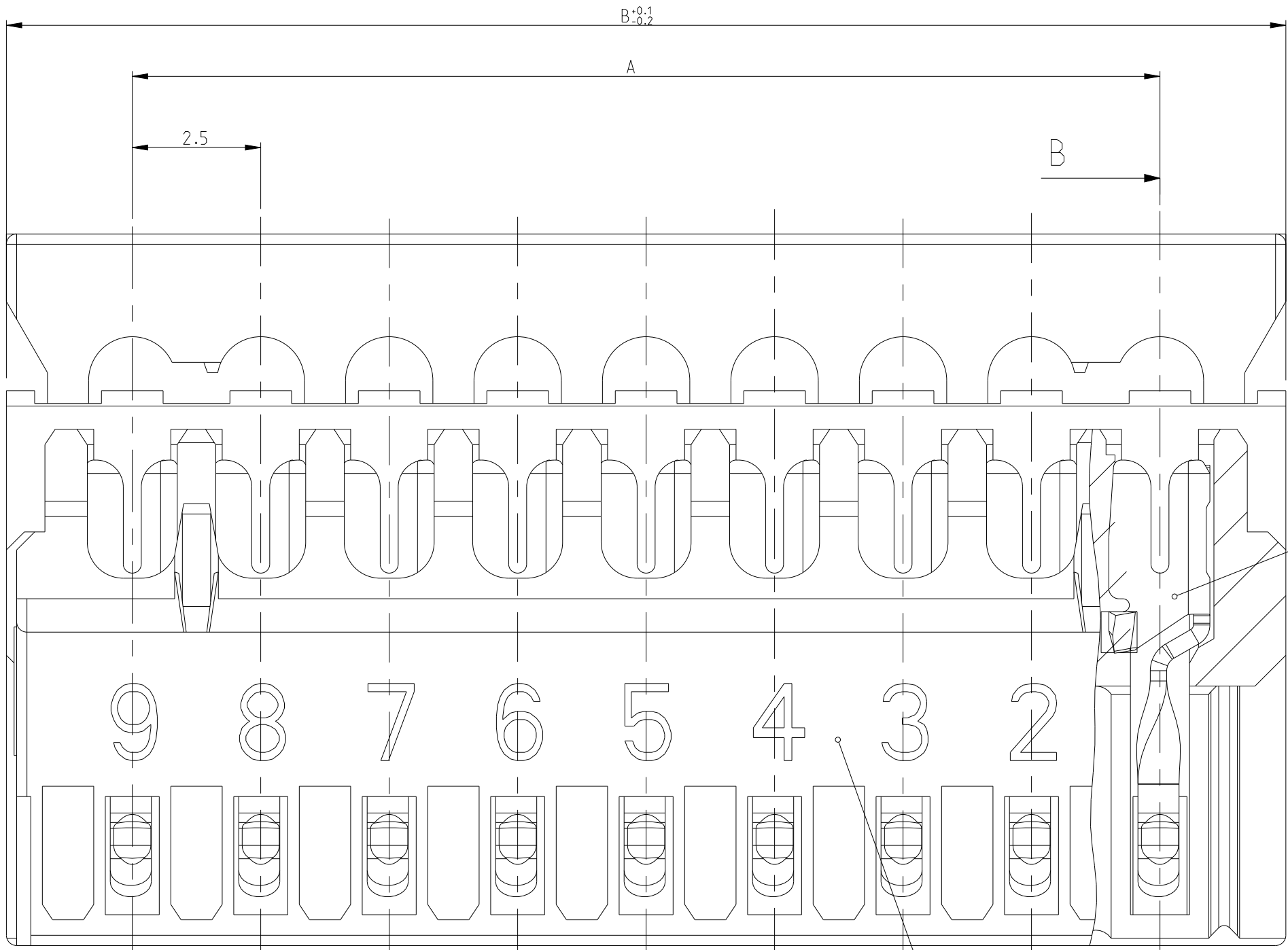
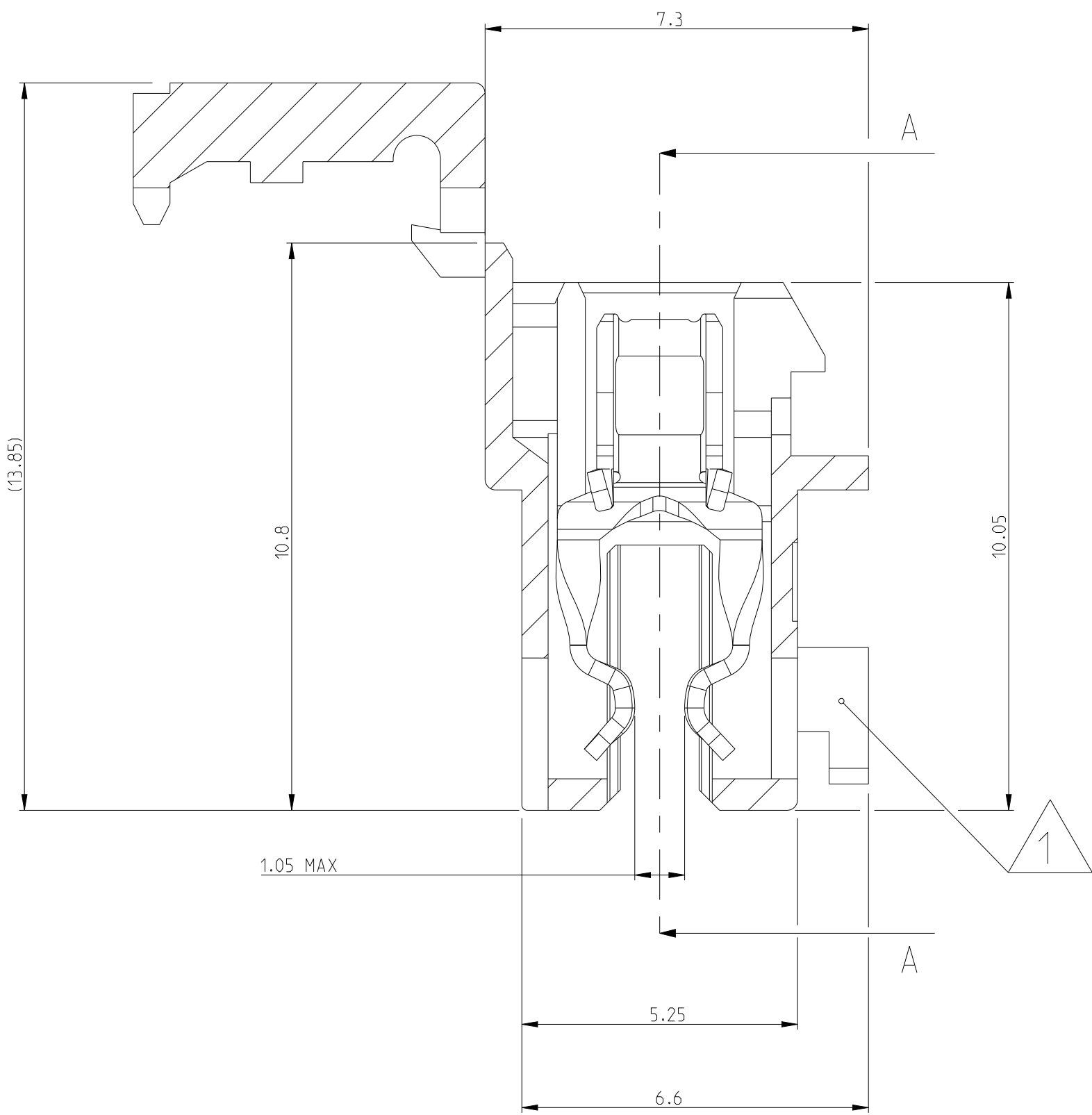
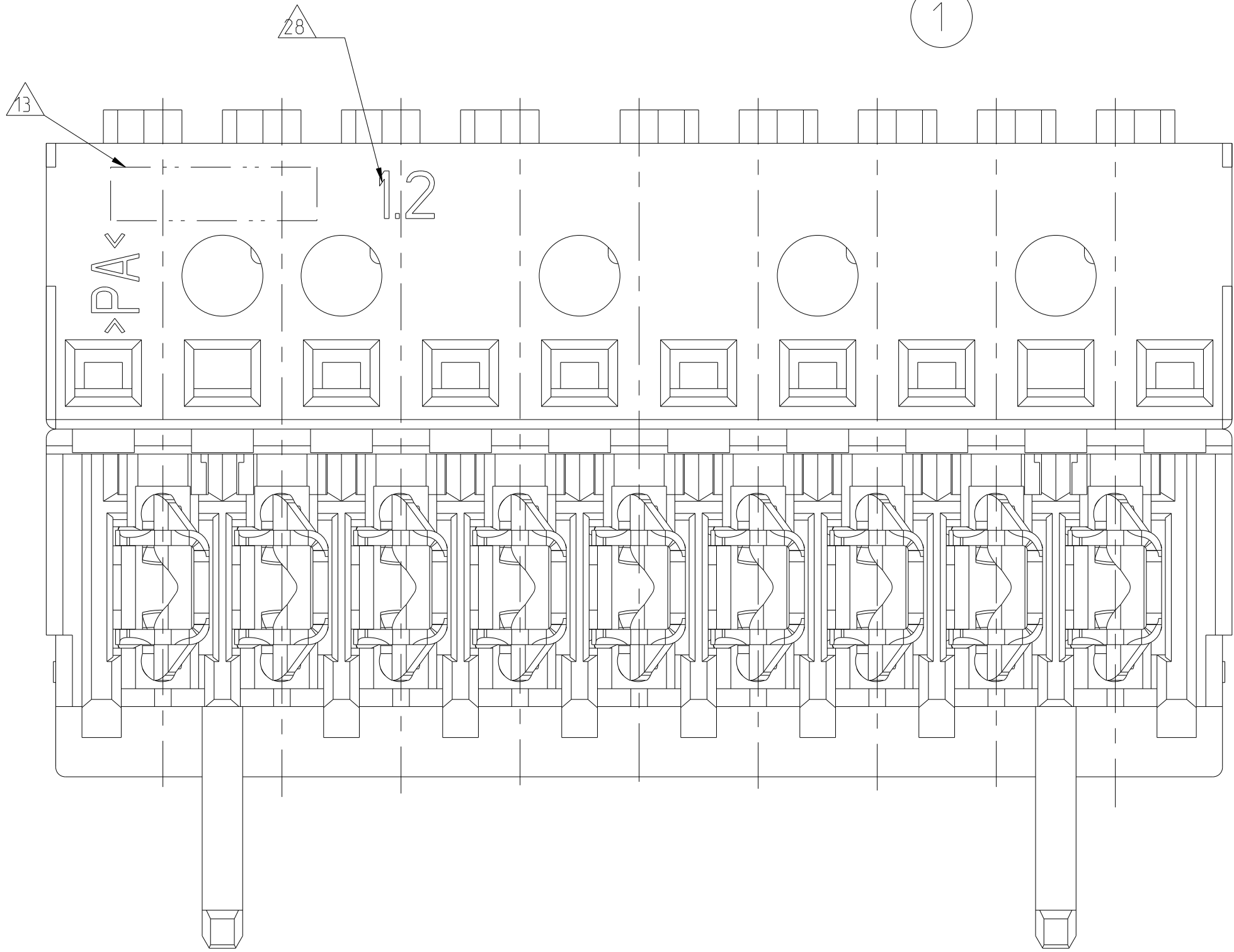
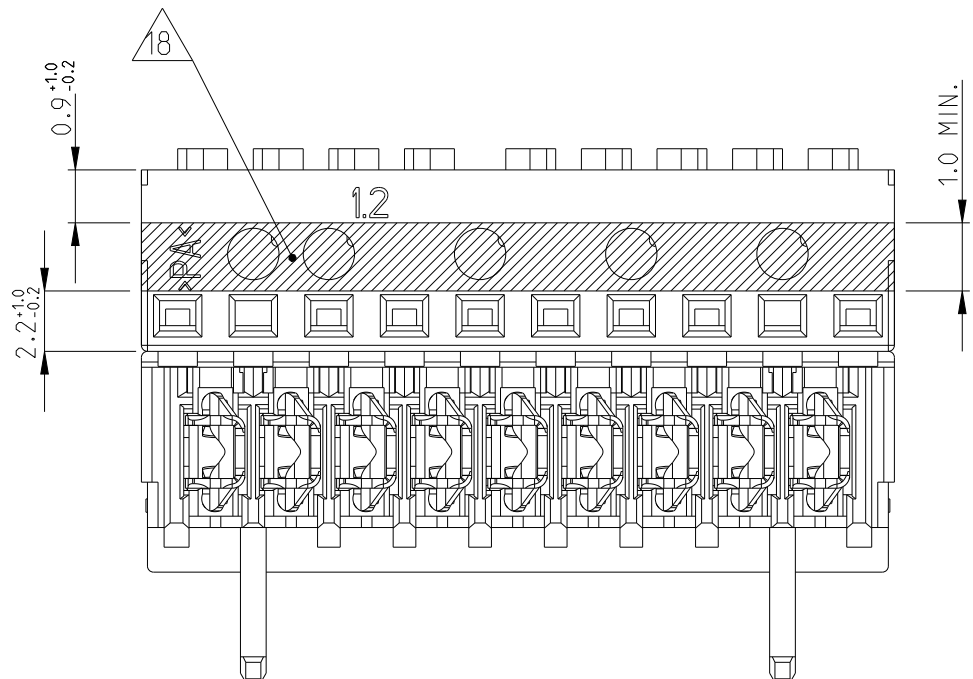
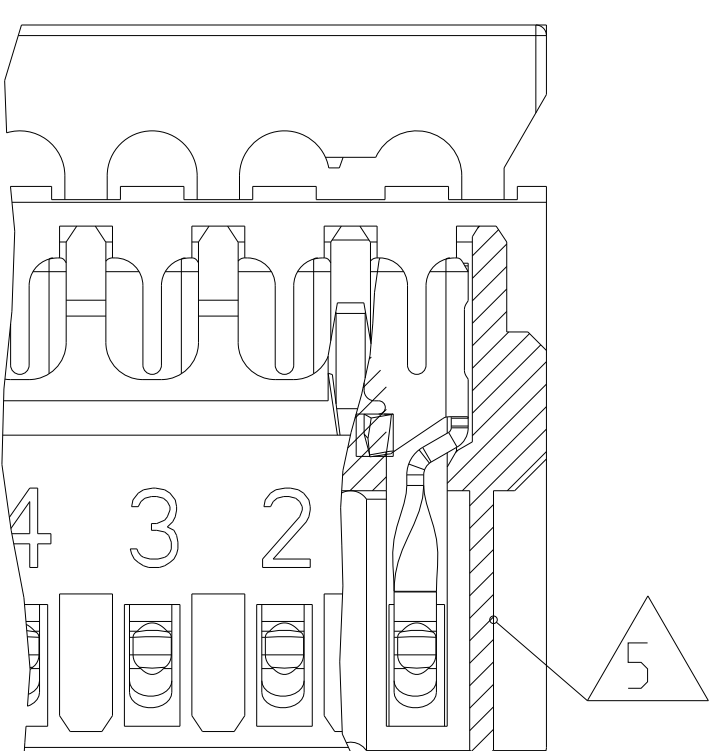
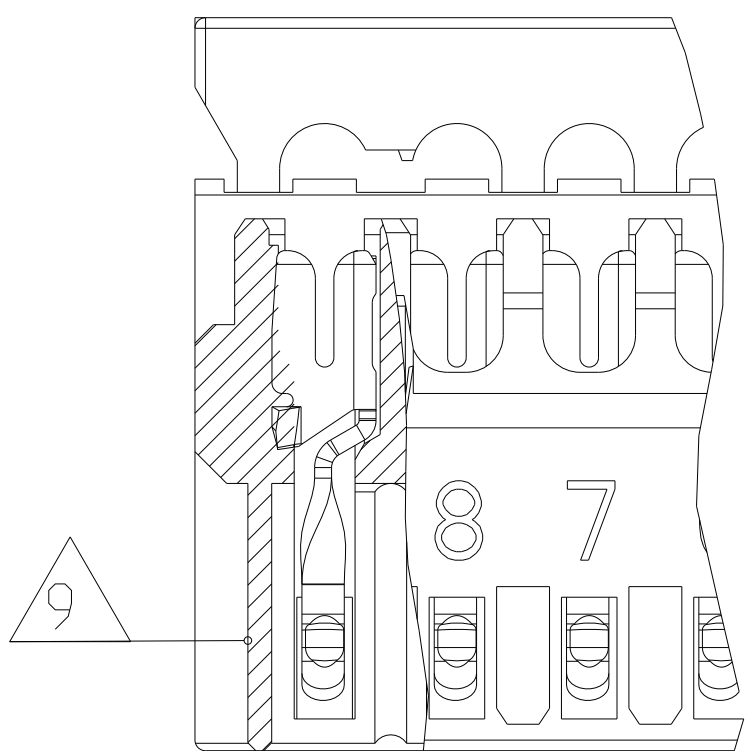
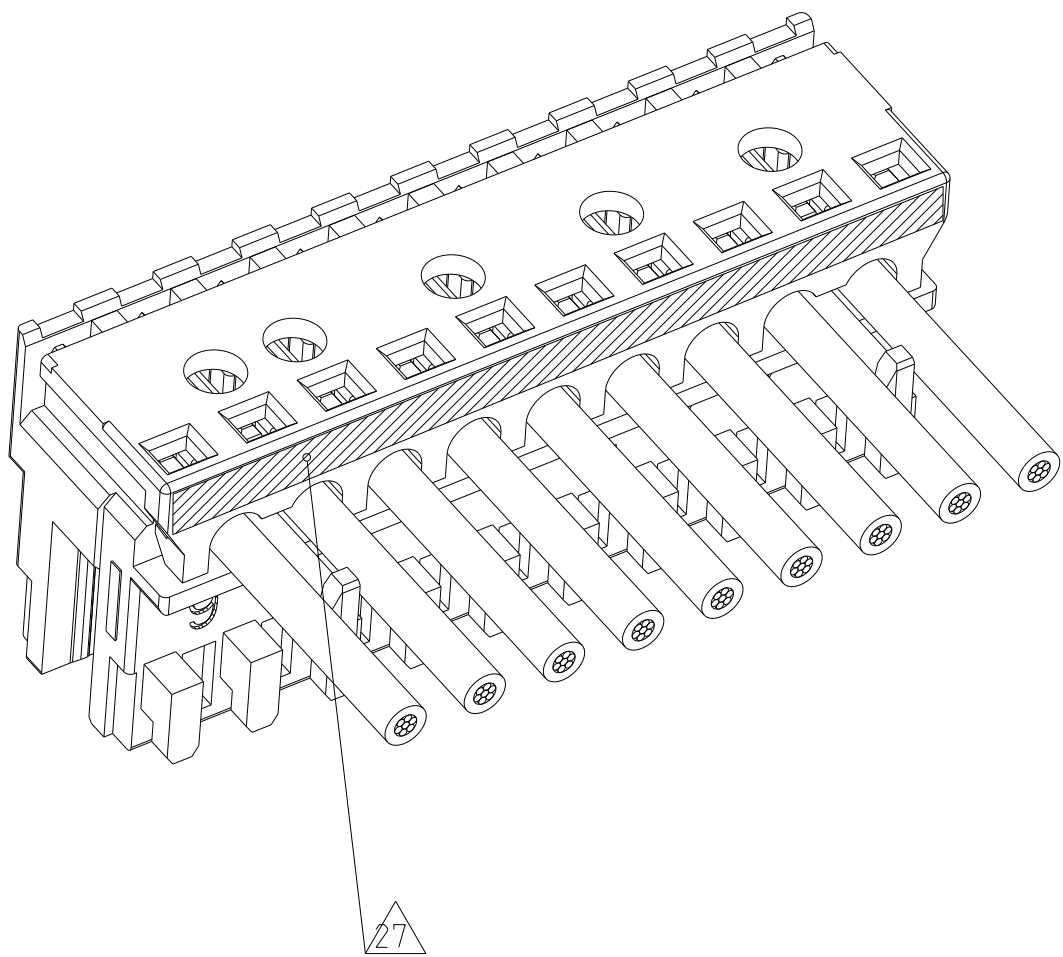
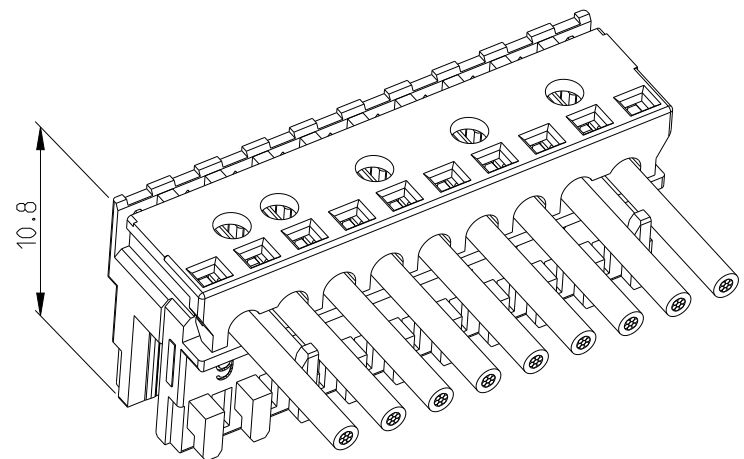




SECTION A-A



SECTION B-B



LOC		DIST		REVISIONS				
P	LTR	DESCRIPTION			DATE	DWN	APVD	
D66		ECR-21-115157			28SEP2021	W W	FL	
D67		ECR-21-116062			07OCT2021	P J	FL	
D68		ECR-21-124617			23DEC2021	D C	FL	

- 29 P/N RELEASED WITH PARTIAL VALIDATION AND CERTIFICATION
- 28 CAVITY ID STARTS WITH LETTER FOR PARTS PRODUCTION IN QINGDAO PLANT, SUCH AS "A1.1"
- 27 STRIPE IN YELLOW COLOR WHERE SHOWN, PRESENT ON THE PARTS PRODUCED IN TE COLLENO ONLY
- 26 DIMENSION AVAILABLE ONLY FOR PART X-2304525-X, X-2304526-X.
- 25 WITH SPECIAL CHAIN FEATURE
- 24 SIDE KEYING ON LAST CAVITY, THICK-1.5mm
- 23 -
- 19 SIDE KEYING, THICK, ON CAVITY No.1
- 18 COLOR STRIP ON COVER OF HOUSING, NOT THE COLOR OF HOUSING.
- 17 SLOT FOR KEYING, SLIM, BETWEEN POSITION
- 16 SLOT FOR KEYING, THICK, BETWEEN POSITION
- 15 KEYING, THICK, BETWEEN POSITION
- 14 COLOR CODE
- 13 TE LOGO
- 12 PRELIMINARY PART NOT RELEASED FOR PRODUCTION
- 11 KEYING, SLIM, BETWEEN POSITION
- 10 SLOT FOR SIDE KEYING, ON LAST CAVITY
- 9 SIDE KEYING, SLIM, ON LAST CAVITY
- 8 INCLUSIVE COPPER LOADING
- 7 PCB PREFERABLY CHAMFERED
- 6 SLOT FOR SIDE KEYING, ON CAVITY NO 1
- 5 SIDE KEYING, ON CAVITY NO. 1
- 4 WIRE RANGE: 0.22-0.35mm² SEE APPLICATION SPEC. 116-18467
- 3 IEC60695-2-11 / IEC60335-1 GLOW WIRE TEST 750 °C WITHOUT FLAME
- 2 MATING PART: PCB (WITH FRAMES ACC. RAST 2.5 E.G. PN 964 575/576) TAB HEADER (FOR EXAMPLE: X-1971817/818-Y)
- 1 KEYING RIBS; CUTTING WITH TERMINATION MACHINE POSSIBLE

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN H. Karabiyik CHK B. Schnaubelt APVD T. Klenner	24MAY2002 24MAY2002 24MAY2002	NAME AMP DUOPLUG 2.5 MARK II FEMALE CONNECTOR 2-20 POSITION	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE CAGE CODE DRAWING NO	
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES FINISH		±0.2 ±0.2 ±0.2 ± ± ±		RESTRICTED TO	
MATERIAL -		-		-	
Customer Drawing		SCALE 10:1		SHEET 1 OF 4	
				REV D68	

LOC	DIST	REVISIONS					
A	I	P	LTR	DESCRIPTION	DATE	DWN	APVD
				SEE SHEET 1			

GWEPT 750°C NO FLAME & UL94-V2, TIN PLATED VERSION (2-9 POSITION)										
	9	20	24.9				2/3			5-1534796-9
	9	20	24.9				4/5			2-1534796-9
	9	20	24.9							3-1534796-9
	9	20	24.9		X		3/4			4-1534796-9
Brown	8	17.5	22.4			2/3				9-1534796-8
	8	17.5	22.4		X		3/4			8-1534796-8
	8	17.5	22.4				3/4		X	7-1534796-8
	8	17.5	22.4						X	6-1534796-8
	8	17.5	22.4					X		5-1534796-8
	8	17.5	22.4							3-1534796-8
	8	17.5	22.4				5/6			2-1534796-8
	7	15	19.9			2/3				7-1534796-7
BLUE	7	15	19.9				2/3			6-1534796-7
BLUE	7	15	19.9	X			2/3			4-1534796-7
	7	15	19.9				5/6			5-1534796-7
	7	15	19.9							3-1534796-7
	6	12.5	17.4				2/3	X	X	9-1534796-6
	6	12.5	17.4				1/2			8-1534796-6
	6	12.5	17.4				3/4			7-1534796-6
	6	12.5	17.4				2/3			6-1534796-6
BLUE	6	12.5	17.4			4/5				2-1534796-6
	6	12.5	17.4				4/5			5-1534796-6
	6	12.5	17.4						X	4-1534796-6
	6	12.5	17.4							3-1534796-6
RED	5	10	14.9				4/5			8-1534796-5
	5	10	14.9			1/2				9-1534796-5
	5	10	14.9				1/2			4-1534796-5
GREEN	5	10	14.9			3/4				7-1534796-5
BROWN	5	10	14.9			2/3				6-1534796-5
	5	10	14.9						X	5-1534796-5
	5	10	14.9							3-1534796-5
BROWN	5	10	14.9				1/2			0-1534796-5
GREEN	4	7.5	12.4						X	1-2825353-4
	4	7.5	12.4					X		0-2825353-4
RED	4	7.5	12.4							9-1534796-4
BLACK	4	7.5	12.4			2/3				8-1534796-4
BLACK	4	7.5	12.4		X	2/3				2-1534796-4
BLACK	4	7.5	12.4			3/4				5-1534796-4
	4	7.5	12.4			1/2				6-1534796-4
	4	7.5	12.4	X		1/2				1534796-4
	4	7.5	12.4			3/4				7-1534796-4
	4	7.5	12.4						X	4-1534796-4
	4	7.5	12.4							3-1534796-4
RED	3	5	9.9			2/3				2-1534796-3
	3	5	9.9						X	8-1534796-3
RED	3	5	9.9			2/3				9-1534796-3
	3	5	9.9			2/3				6-1534796-3
	3	5	9.9			1/2				7-1534796-3
	3	5	9.9			2/3			X	4-1534796-3
	3	5	9.9							3-1534796-3
	2	2.5	7.4			1/2				1-1534796-2
	2	2.5	7.4							1534796-2

COLOR CODE	POS.	DIM A	DIM B	KEYING	KEYING	KEYING	KEYING	KEYING	KEYING	TE P/N
2	SEE TABLE	CONTACT		CuSn		TINNED				
1		HOUSING		HIGH TEMP PLASTIC		NATUR				
SL NO	PN	DESCRIPTION		MATERIAL		COLOUR/FINISH				

GWEPT 750°C NO FLAME & UL94-V2, TIN PLATED VERSION (10-20 POSITION)										
	20	47.5	52.4		X		3/4			4-1534797-0
	20	47.5	52.4							3-1534797-0
	19	45	49.9							5-1534797-9
	19	45	49.9							4-1534797-9
	19	45	49.9							3-1534797-9
	18	42.5	47.4	X	X					4-1534797-8
	17	40	44.9	X	X					4-1534797-7
	17	40	44.9				10/11			1534797-7
	16	37.5	42.4							3-1534797-6
	15	35	39.9	X	X					4-1534797-5
	15	35	39.9							3-1534797-5
	14	32.5	37.4							3-1534797-4
	13	30	34.9	X	X					4-1534797-3
	13	30	34.9							3-1534797-3
	12	27.5	32.4				11/12			5-1534797-2
	12	27.5	32.4						X	4-1534797-2
	12	27.5	32.4							3-1534797-2
	12	27.5	32.4	X	X		10/11 2/3			2-1534797-2
	11	25	29.9				5/6			7-1534797-1
	11	25	29.9				10/11			6-1534797-1
	11	25	29.9				10/11		X	5-1534797-1
	11	25	29.9				9/10			4-1534797-1
	11	25	29.9							3-1534797-1
	10	22.5	27.4				2/3			6-1534796-0
	10	22.5	27.4				8/9			4-1534796-0
	10	22.5	27.4							3-1534796-0
	10	22.5	27.4				7/8			7-1534796-0

COLOR CODE 	POS.	DIM A	DIM B	 KEYING	 KEYING	 KEYING	 KEYING	 KEYING	 KEYING	TE P/N 
2	SEE TABLE	CONTACT		CuSn		TINNED				
1		HOUSING		HIGH TEMP PLASTIC 		NATUR				
SL NO	PN	DESCRIPTION		MATERIAL		COLOUR/FINISH				

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
H. Karabiyik

CHK
B. Schnaubelt

APVD
T. Klenner

24MAY2002
24MAY2002
24MAY2002

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.2
1 PLC ±0.2
2 PLC ±0.2
3 PLC ±
4 PLC ±
ANGLES ±1°
FINISH

PRODUCT SPEC
108-18785

APPLICATION SPEC
116-18667

WEIGHT
-

NAME
AMP DUOPLUG 2.5 MARK II
FEMALE CONNECTOR 2-20 POSITION
-

SIZE
A 1

CAGE CODE
00779

DRAWING NO
©=1534796

RESTRICTED TO
-

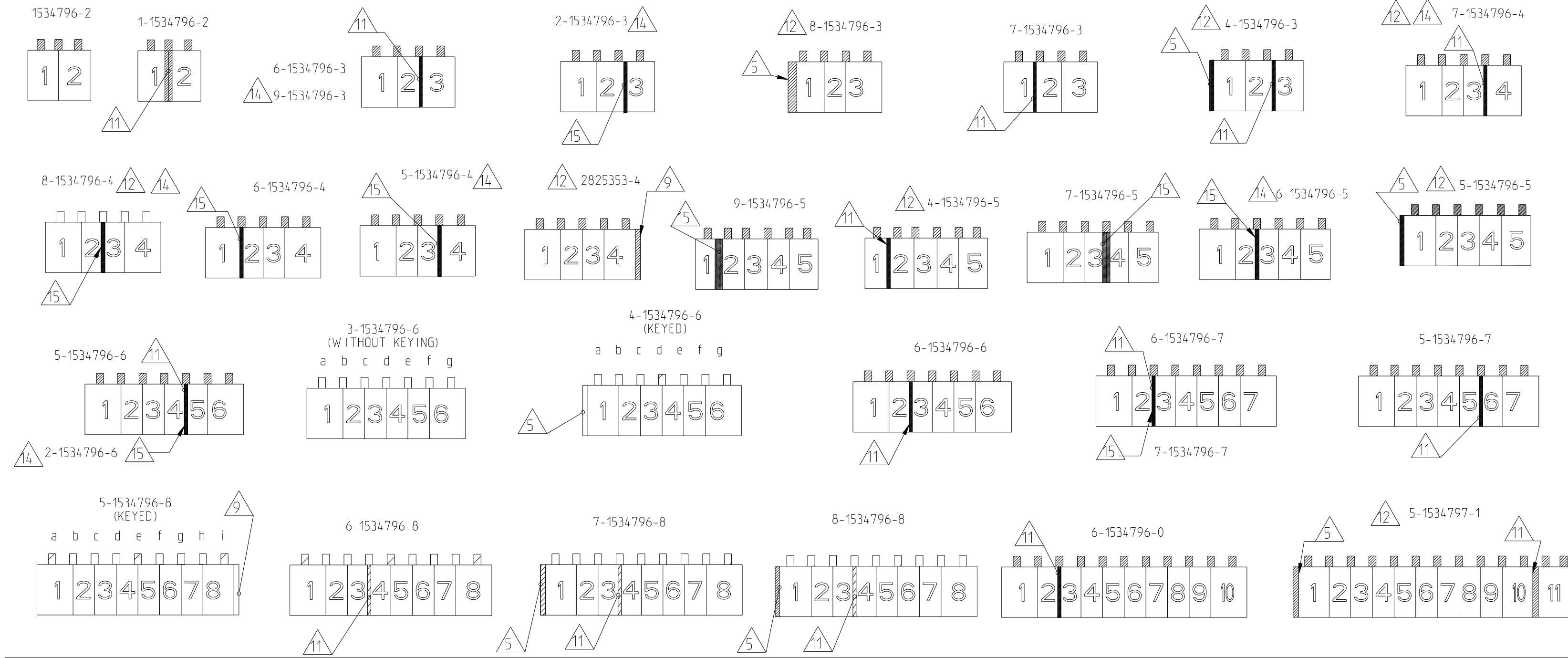
Customer Drawing

SCALE 10:1

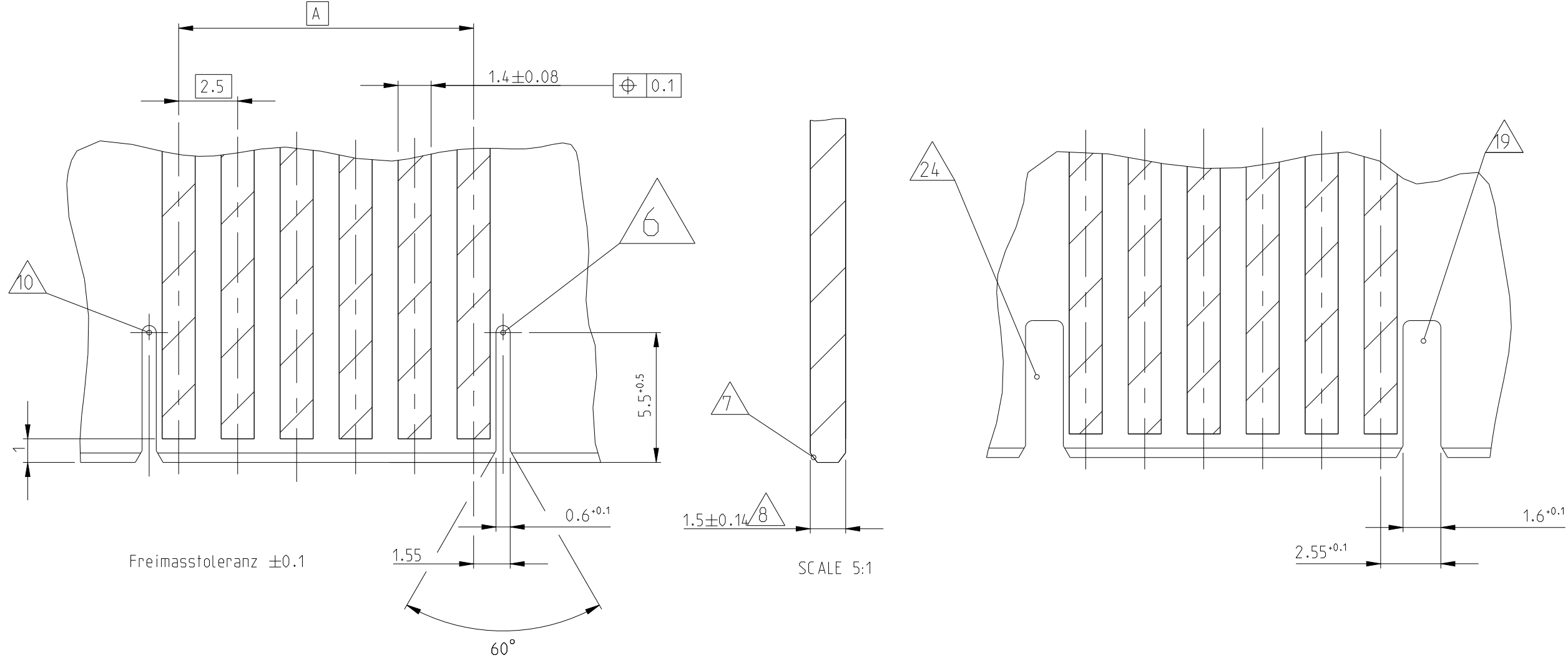
SHEET 2 OF 4

REV D68

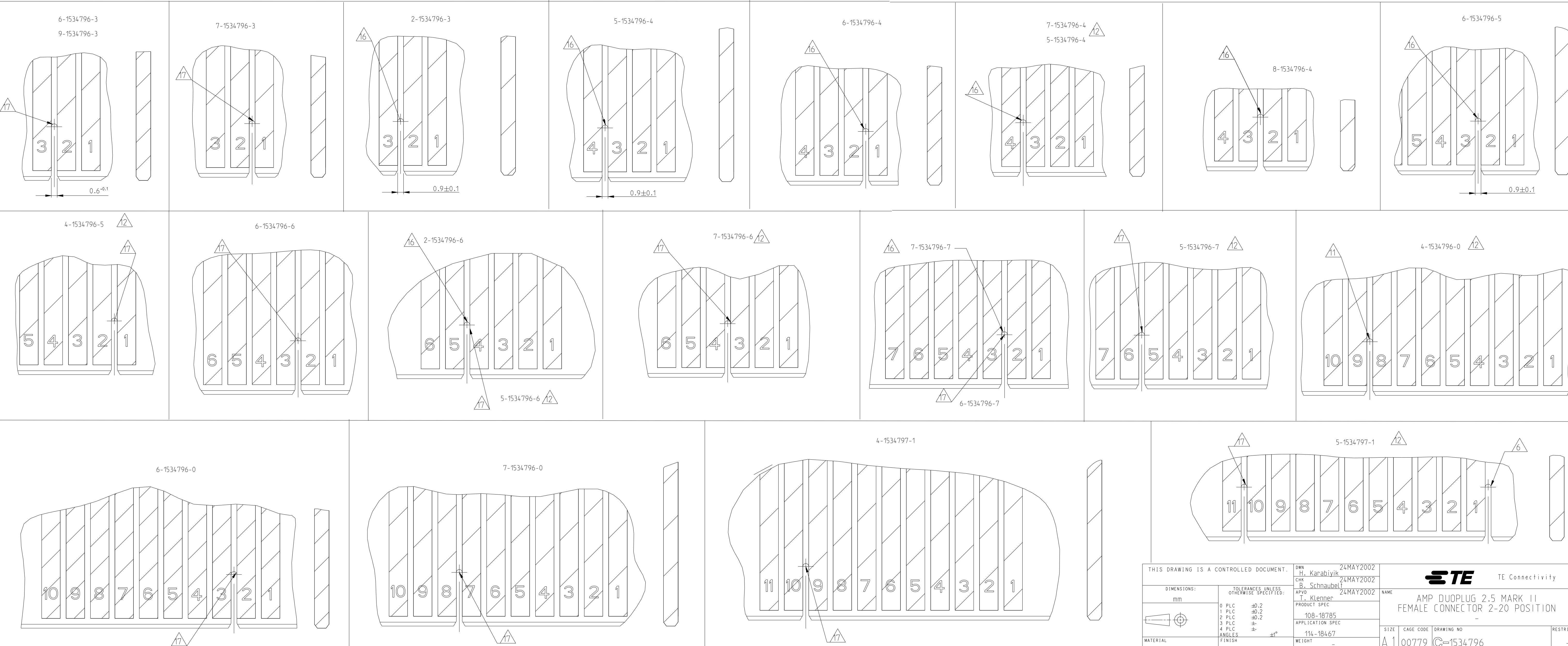
KEYING PLAN (EXAMPLES)
Kodierschema (Beispiele)



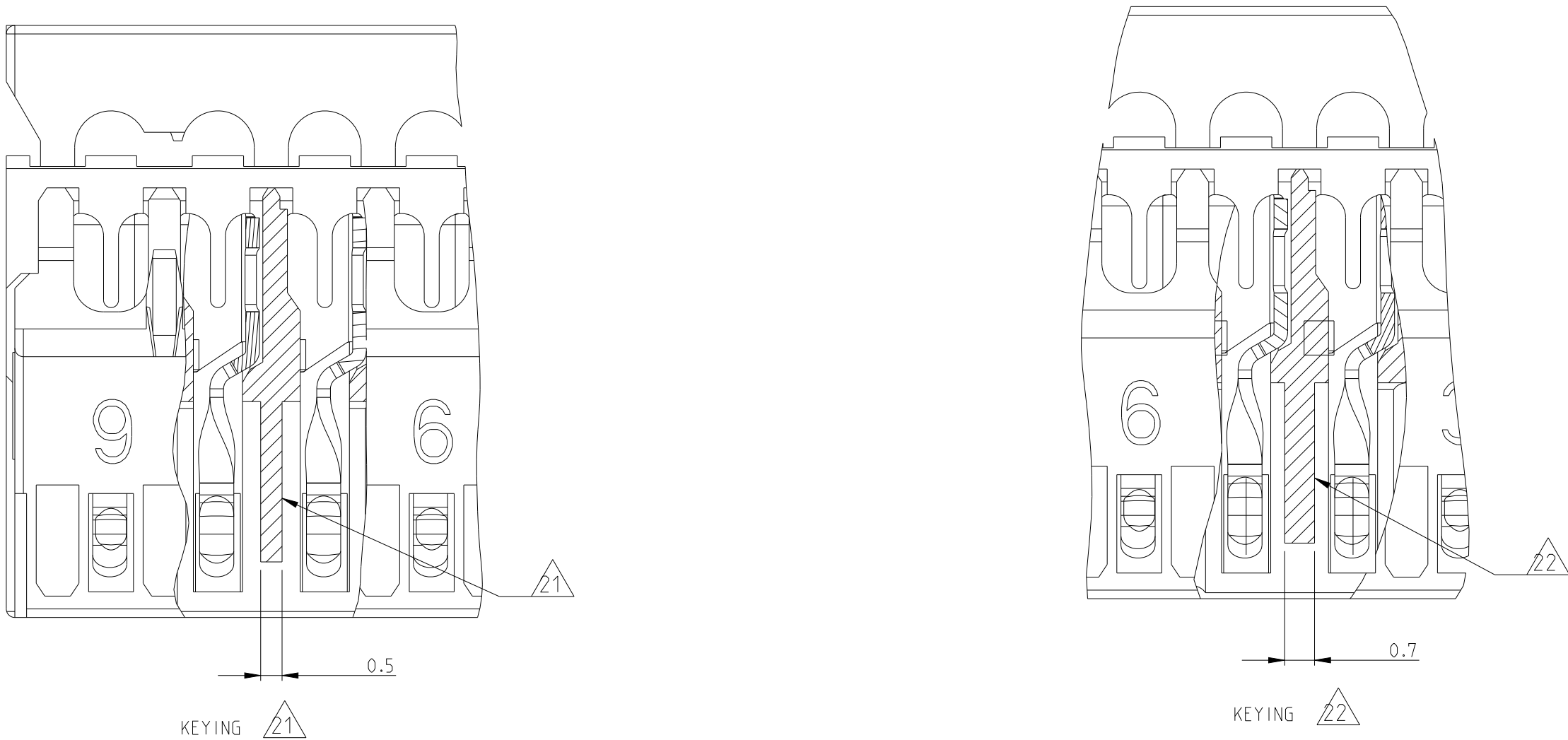
PCB LAYOUT KEYED / CONNECTED ONLY WITH ADDITIONAL FRAME
Leiterplattenanschluss kodiert / nur in Verbindung mit zusätzlichem Rahmen



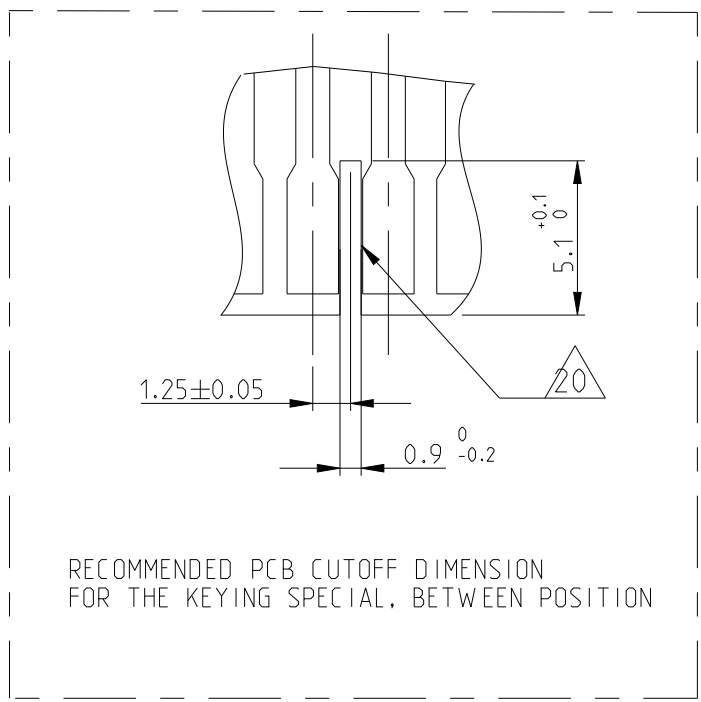
PCB LAYOUT FOR KEYING BETWEEN POSITION



LOC	DIST	REVISIONS					
		P	LYR	DESCRIPTION	DATE	DWN	APVD
A1	-	-	-	SEE SHEET 1	-	-	-



- Z2 KEYING. SPECIAL THICK. BETWEEN POSITION
- Z1 KEYING. SPECIAL THIN. BETWEEN POSITION
- Z0 SLOT FOR KEYING SPECIAL. BETWEEN POSITION



GWEPT 750°C NO FLAME & UL94-V0, TIN PLATED VERSION												
Blue	20	47.5	52.4	-	-	-	3/4		X			1-2304526-0
	14	32.5	37.4									2304526-4 
Blue	13	30	34.9	-	-	-	-	X				1-2304526-3 
	12	27.5	32.4									2304526-2 
	10	22.5	27.4									1-2304525-0
	9	20	24.9	-	-	-	-					3-2304525-9
Blue	8	17.5	22.4	-	-	-	-					2-2304525-8
	8	17.5	22.4	-	-	-	-					1-2304525-8
Brown	8	17.5	22.4	-	-	-	2/3					2304525-8
	7	15	19.9	-	-	-	-					2304525-7
Black	6	12.5	17.4	-	-	-	-					4-2304525-6
GREEN	6	12.5	17.4	-	-	-	1/2					3-2304525-6
Red	6	12.5	17.4	-	-	-	2/3					2-2304525-6
	6	12.5	17.4	-	-	-	-					1-2304525-6
Blue	6	12.5	17.4	-	-	-	4/5					2304525-6
	5	10	14.9	4/5								5-2304525-5
	5	10	14.9		1/2	-	-					4-2304525-5
Green	5	10	14.9	-	-	-	3/4					2-2304525-5
Brown	5	10	14.9	-	-	-	2/3					1-2304525-5
	5	10	14.9	-	-	-	-					2304525-5
Black	4	7.5	12.4	-	3/4	-	-					4-2304525-4
Blue	4	7.5	12.4	-	-	-	-					3-2304525-4
	4	7.5	12.4	-	-	-	-					2-2304525-4
Brown	4	7.5	12.4	-	-	-	1/2					1-2304525-4
Black	4	7.5	12.4	-	-	-	3/4					2304525-4
	3	5	9.9	-	-	-	-	x	x			4-2304525-3
Red	3	5	9.9		2/3							3-2304525-3 
	3	5	9.9								X	2-2304525-3
	3	5	9.9	-	-	-	-					1-2304525-3 
	3	5	9.9	-	-	-	-					1-2390623-9 
Black	3	5	9.9	-	-	1/2	-					2304525-3
Color Code 	POS. Polzahl	DIM A	DIM B	 KEYING	 KEYING	 KEYING	 KEYING	 KEYING	 KEYING	 KEYING	 KEYING	PN Bestell-Nr. 
		2	SEE TABLE	CONTACT				CuSn			TINNED	
		1		HOUSING				HIGH TEMP PLASTIC 			NATUR	
		SL NO	PN	DESCRIPTION				MATERIAL			COLOUR/FINISH	

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DWN
H. Karabiyik
CHK
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T. Klenner

24MAY2002
24MAY2002
24MAY2002

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.2
1 PLC ±0.2
2 PLC ±0.2
3 PLC ±
4 PLC ±
ANGLES ±1°
FINISH

-
-

NAME
AMP DUOPLUG 2.5 MARK II
FEMALE CONNECTOR 2-20 POSITION
-

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=1534796

RESTRICTED TO
-

Customer Drawing

SCALE
10:1

SHEET
4

OF
4

REV
U68

Mouser Electronics

Authorized Distributor

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[3-1534796-7](#)