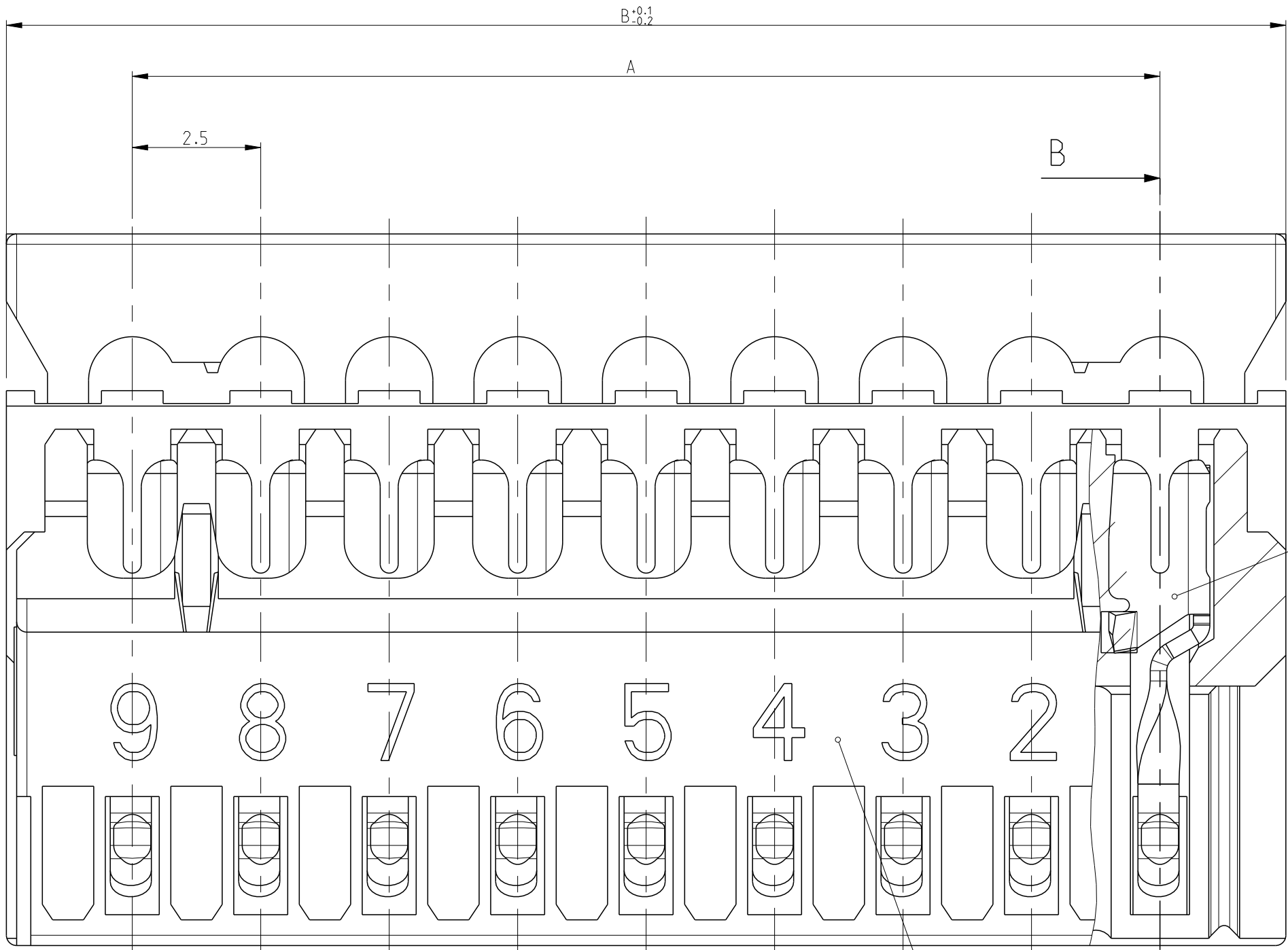
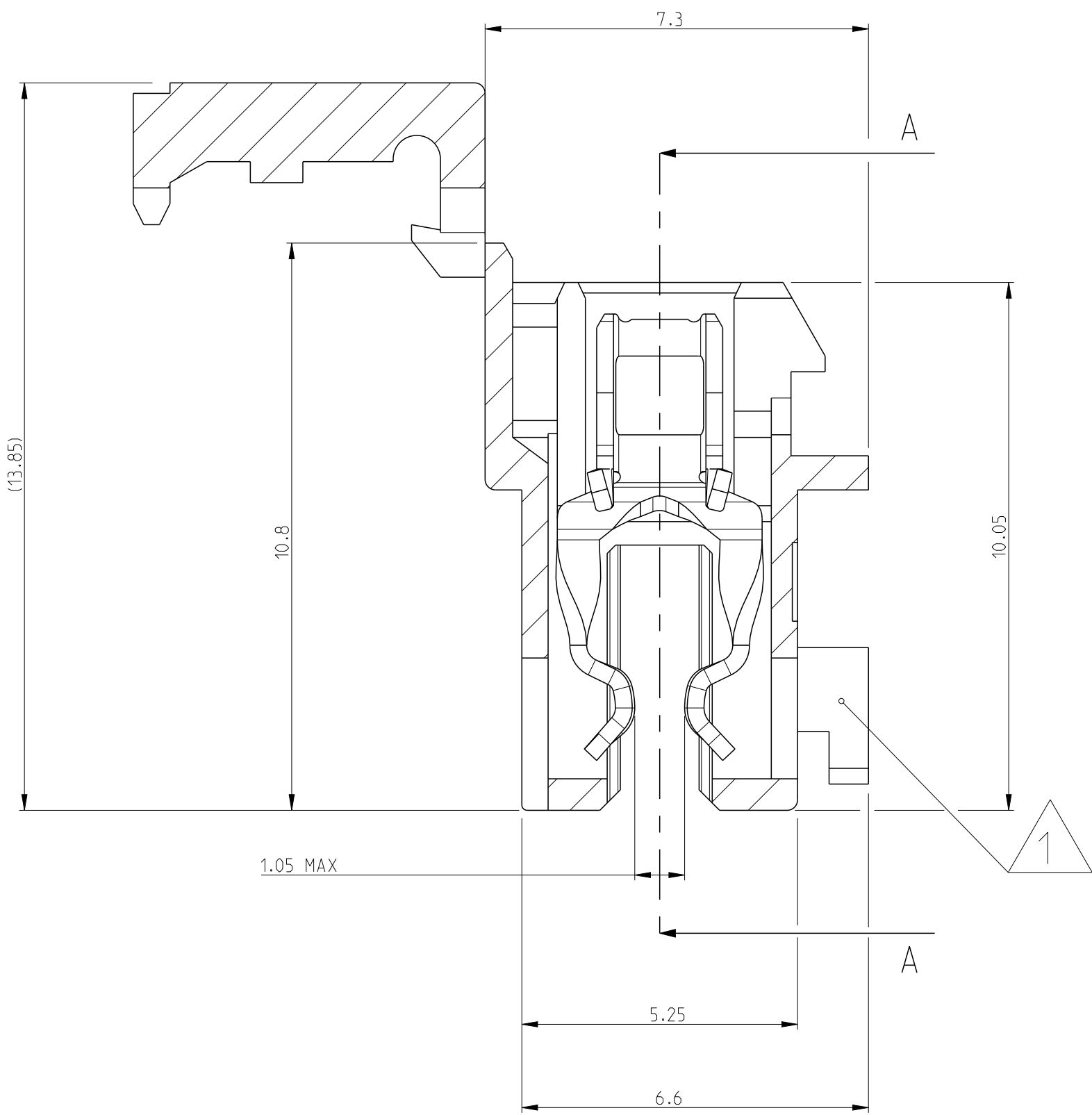
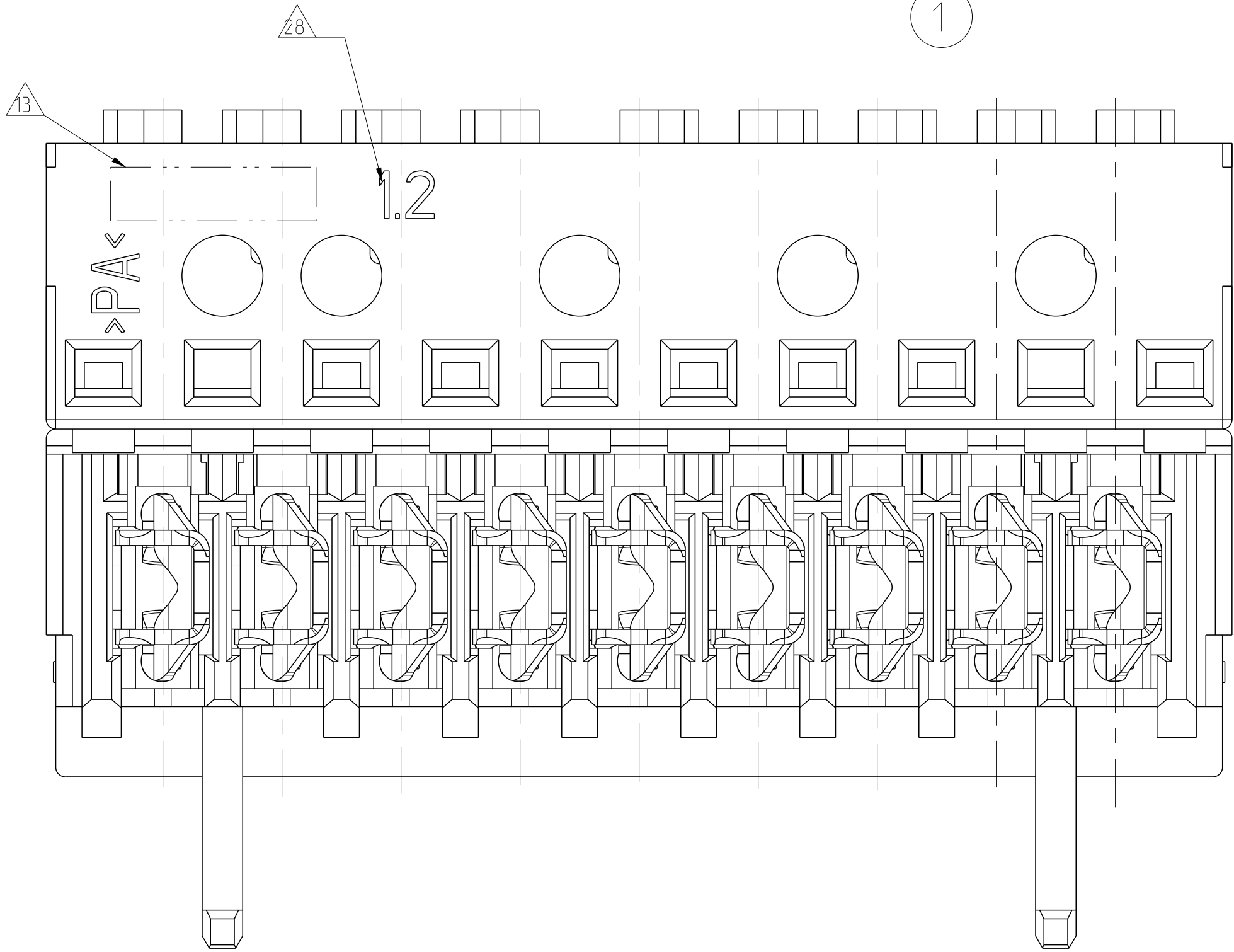
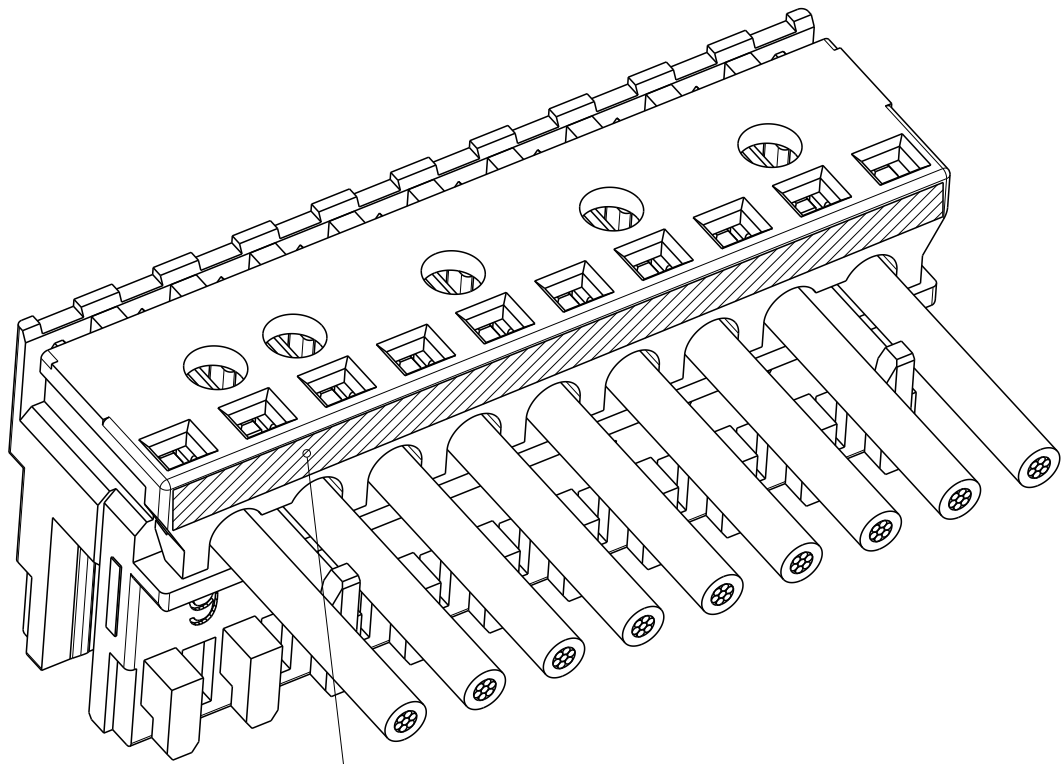
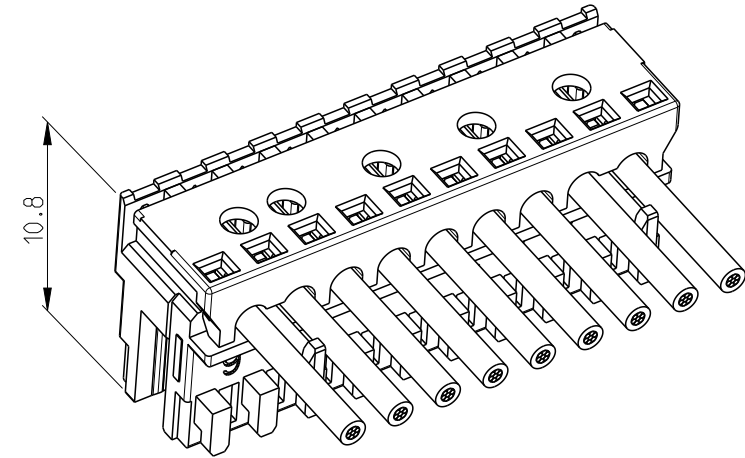




SECTION A-A

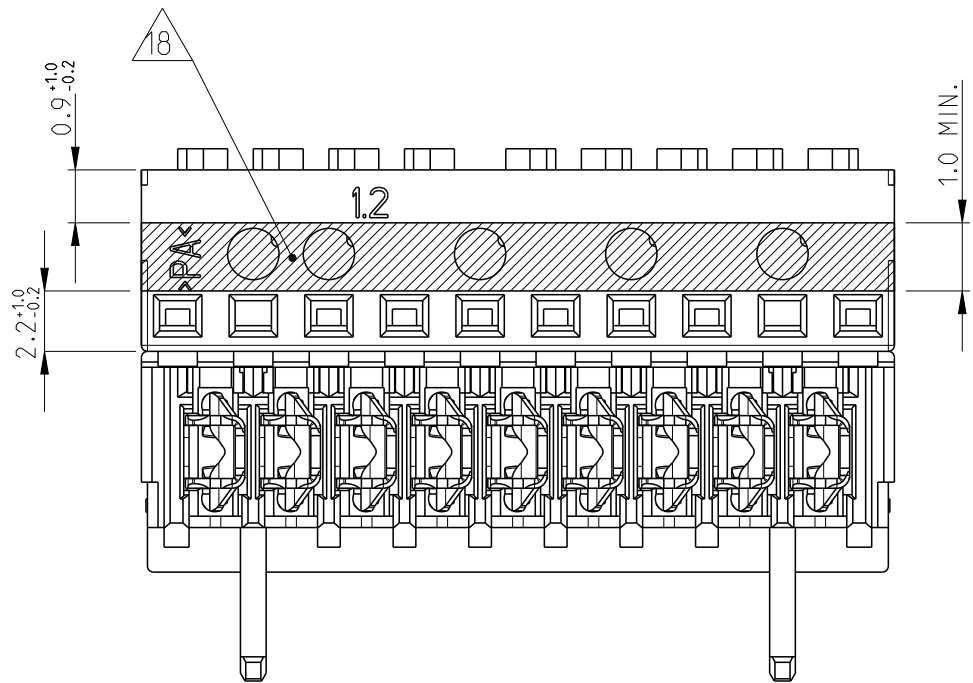
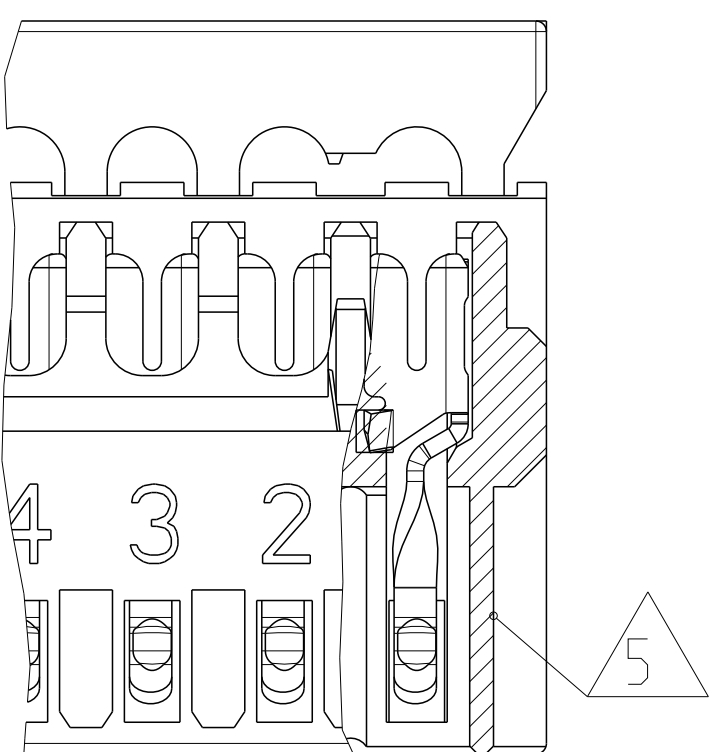
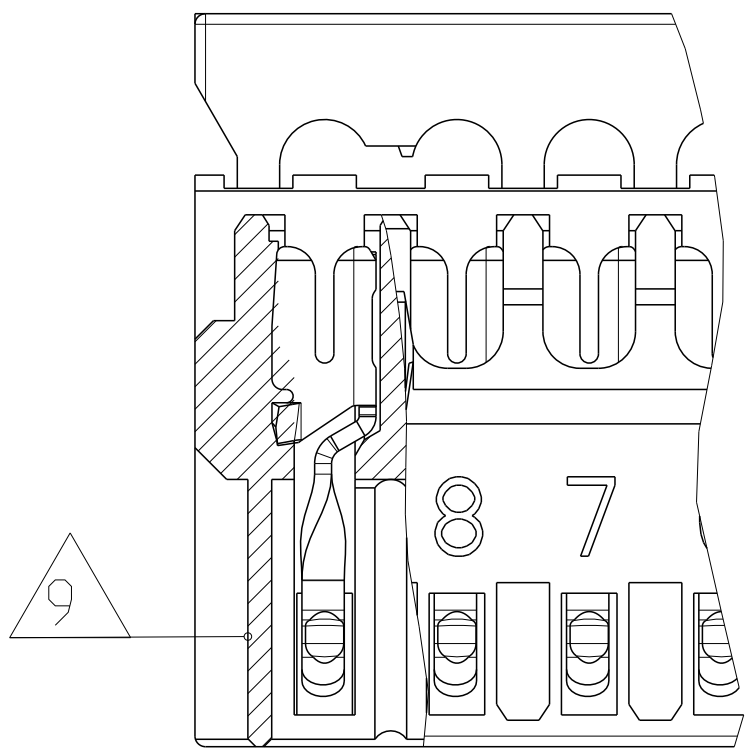


SECTION B-B



LOC		DIST		REVISIONS				
P	LTR	DESCRIPTION			DATE	DWN	APVD	
D75	ECR-22-159574				28NOV2022	DC	FL	
D76	ECR-22-162132				17JAN2023	DC	FL	
D77	ECR-23-166801				08MAR2023	DC	FL	
D78	ECR-22-154280				10MAR2023	SM	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 COLLEGNO 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. 114-18467
- 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:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC		SIZE	RESTRICTED TO
mm	0 PLC ±0.2 1 PLC ±0.2 2 PLC ±0.2 3 PLC ±0.2 4 PLC ±0.2 ANGLES ±°	108-18785		CAGE CODE	
		APPLICATION SPEC		DRAWING NO	
		114-18467		100779	
MATERIAL	FINISH	WEIGHT		©=1534796	
-	-	Customer Drawing		SCALE	
		10:1		SHEET	
		1		OF	
		4		REV	
		D78			

LOC	DIST	REVISIONS				
A1	-	P	LTR	DESCRIPTION	DATE	OWN
				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						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	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

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 obsolete
	15	35	39.9	X	X				4-1534797-5
	15	35	39.9						3-1534797-5 obsolete
	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

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.

OWN
H. Karabiyik

CHK
B. Schnaubelt

APVD
T. Klenner

24MAY2002
24MAY2002
24MAY2002

TE Connectivity

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

SIZE
A1

CAGE CODE
00779

DRAWING NO
©=1534796

RESTRICTED TO
-

DIMENSIONS:
mm

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

±0.2
±0.2
±0.2
±
±

-

±1°

MATERIAL
-

WEIGHT
-

Customer Drawing

SCALE
10:1

SHEET
2

OF
4

REV
D78

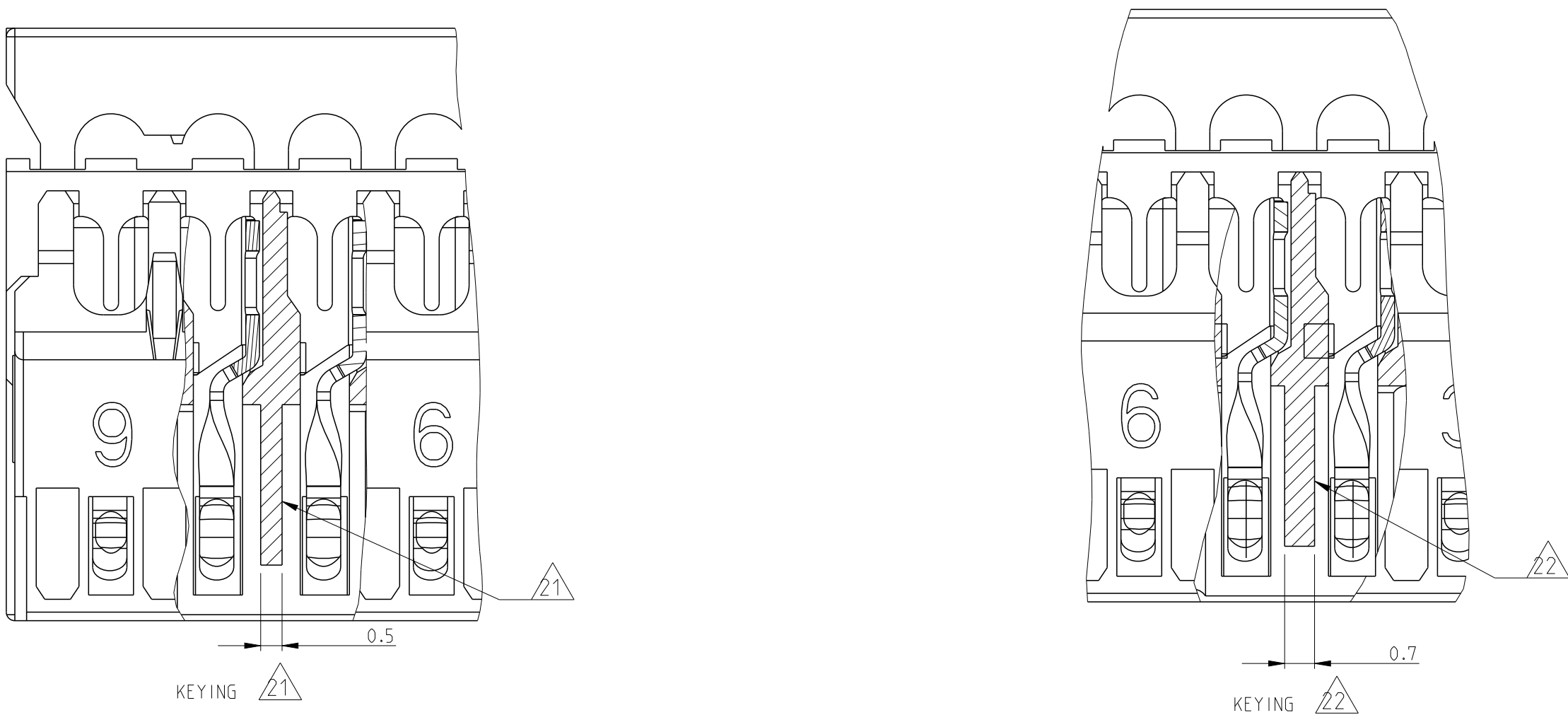
4805 (3/11)

PCB LAYOUT KEYED / CONNECTED ONLY WITH ADDITIONAL FRAME

Technical drawing of a mechanical part with dimensions and tolerances:

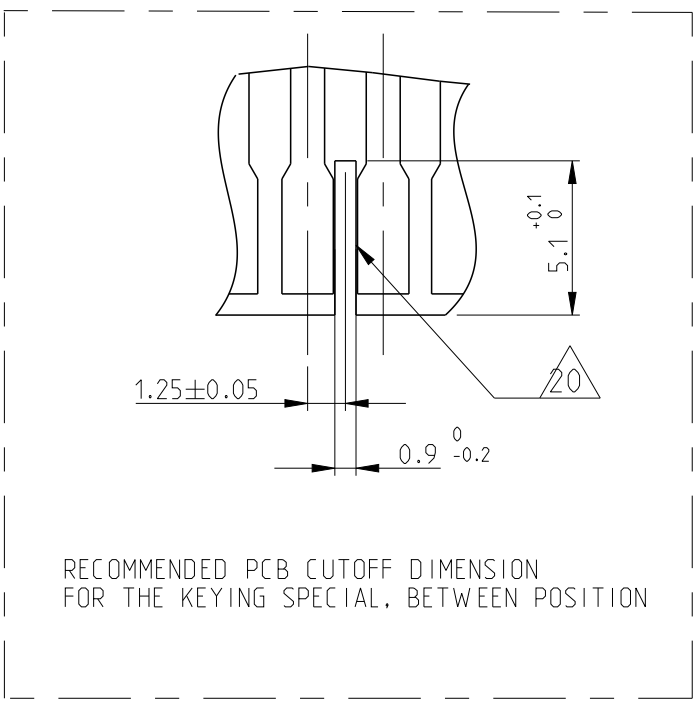
- Overall width: 2.5
- Overall length: 1.4 ± 0.08
- Feature 1: $\oplus 0.1$
- Feature 2: $5.5^{+0.5}$
- Feature 3: $0.6^{+0.1}$
- Feature 4: 1.55
- Angle: 60°
- Free tolerance: ± 0.1

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



PA GF, GWEPT 750°C NO FLAME & UL94-V0, TIN PLATED VERSION												
	20	47.5	52.4	3/4					X			2-2304526-0 12
Blue	20	47.5	52.4				3/4		X			1-2304526-0 12
	14	32.5	37.4									2304526-4 12
	13	30	34.9						X			2-2304526-3 12
Blue	13	30	34.9					X				1-2304526-3 12
	13	30	34.9				2/3					2304526-3 12
	12	27.5	32.4									2304526-2
	10	22.5	27.4									1-2304525-0 12
	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 12
	3	5	9.9	-	-	-	-					1-2304525-3
Black	3	5	9.9	-	-	1/2	-					2304525-3
Color Code 14	POS. Polzahl	DIM A	DIM B	11 KEYING	15 KEYING	22 KEYING	21 KEYING	24 KEYING	19 KEYING	9 KEYING	5 KEYING	PN Bestell-Nr. 25
	2	SEE TABLE	CONTACT		CuSn		TINNED					
	1		HOUSING		HIGH TEMP PLASTIC 3		NATUR					
	SL NO	PN	DESCRIPTION		MATERIAL		COLOUR/FINISH					

22 KEYING, SPECIAL THICK, BETWEEN POSITION
21 KEYING, SPECIAL THIN, BETWEEN POSITION
20 SLOT FOR KEYING SPECIAL, BETWEEN POSITION



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN H. Karabiyik	24MAY2002	TE Connectivity	
		CHK B. Schnaubelt	24MAY2002		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ±0.2 1 PLC ±0.2 2 PLC ±0.2 3 PLC ± 4 PLC ± ANGLES ±1°		PRODUCT SPEC 108-18785	
		APPLICATION SPEC		SIZE 116-18467	
MATERIAL -		WEIGHT -		RESTRICTED TO -	
Customer Drawing		SCALE 10:1		SHEET 4 OF 4	
				REV U78	