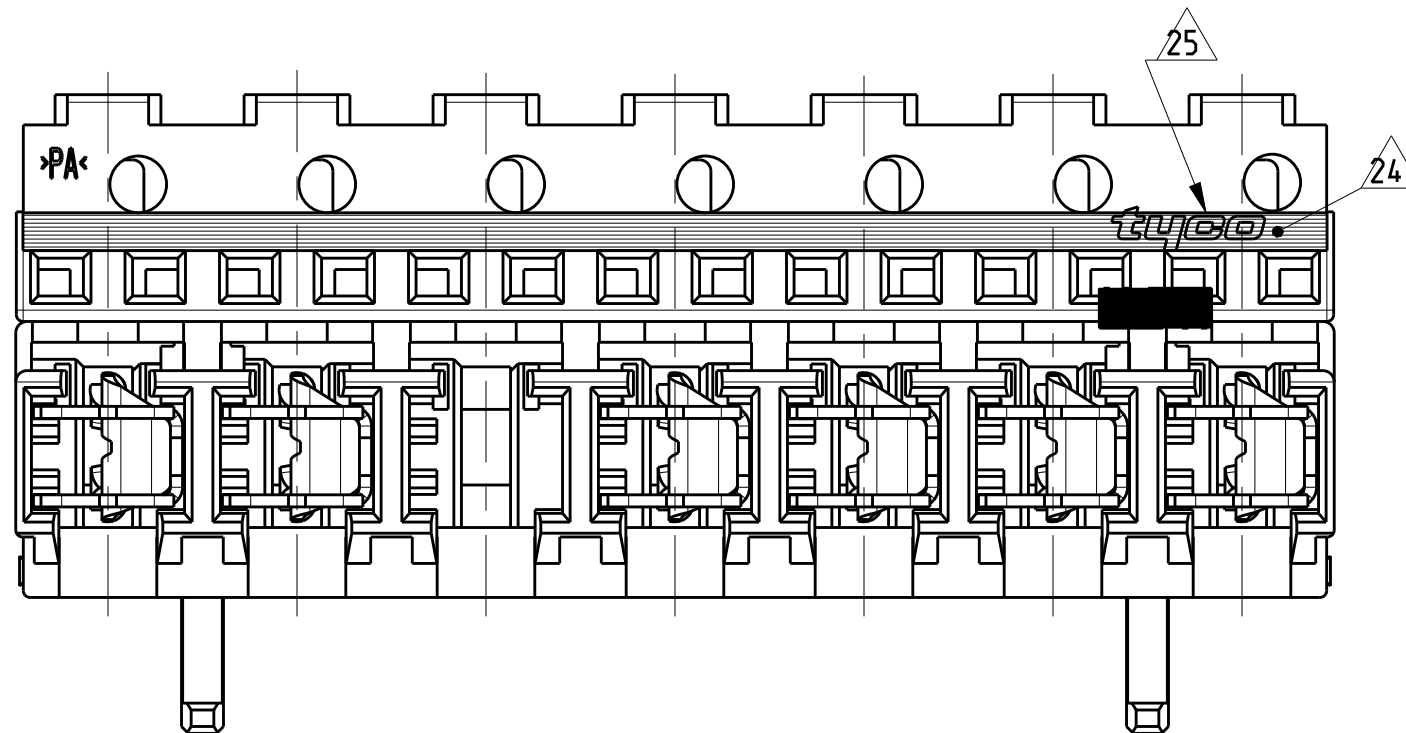
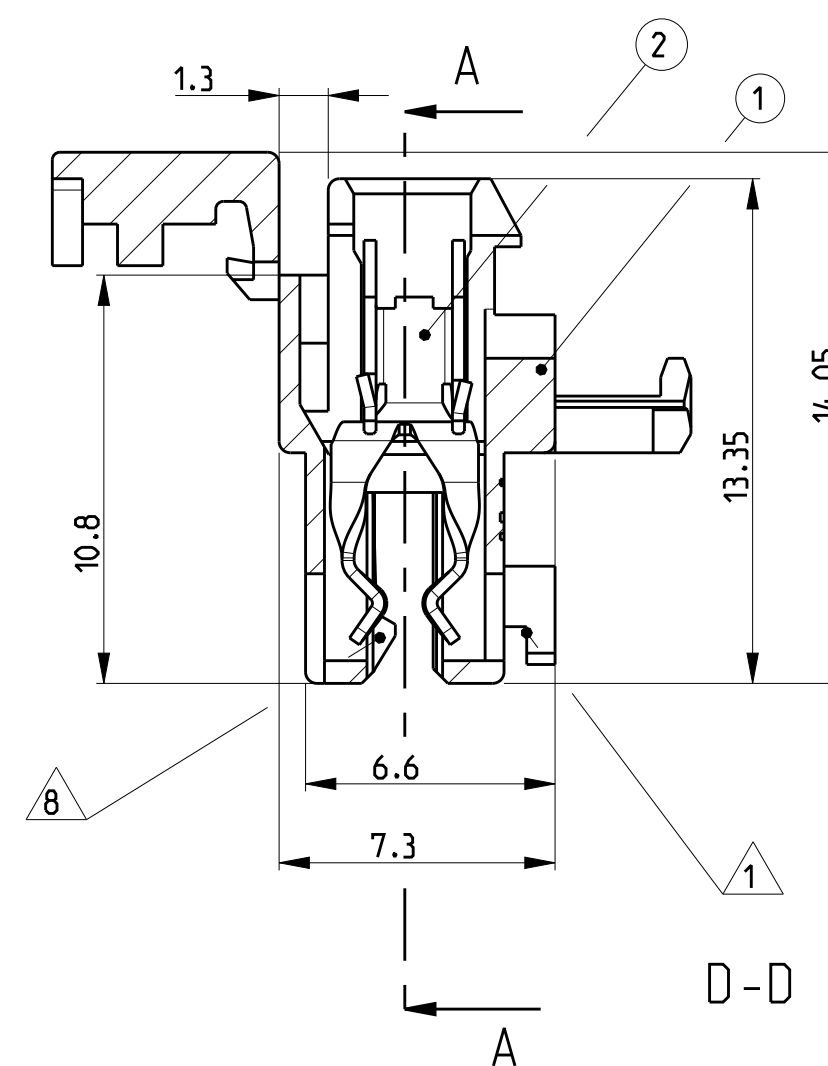
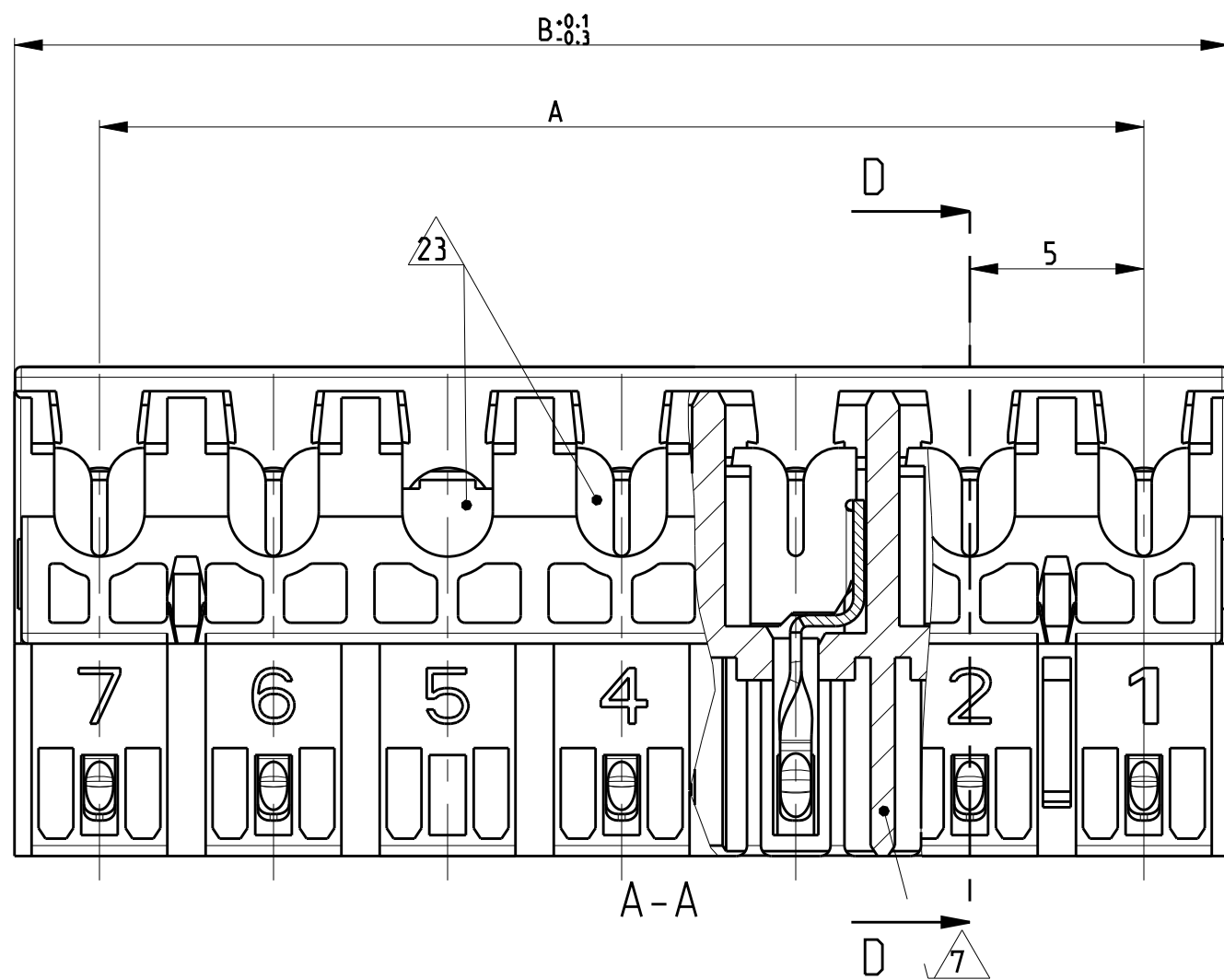
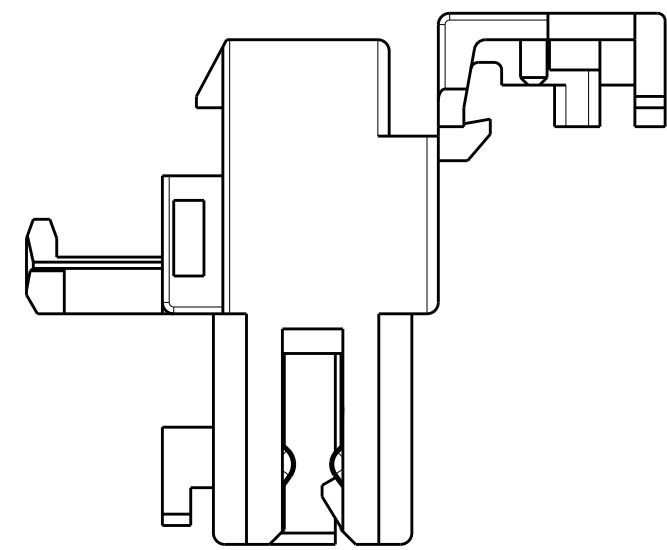
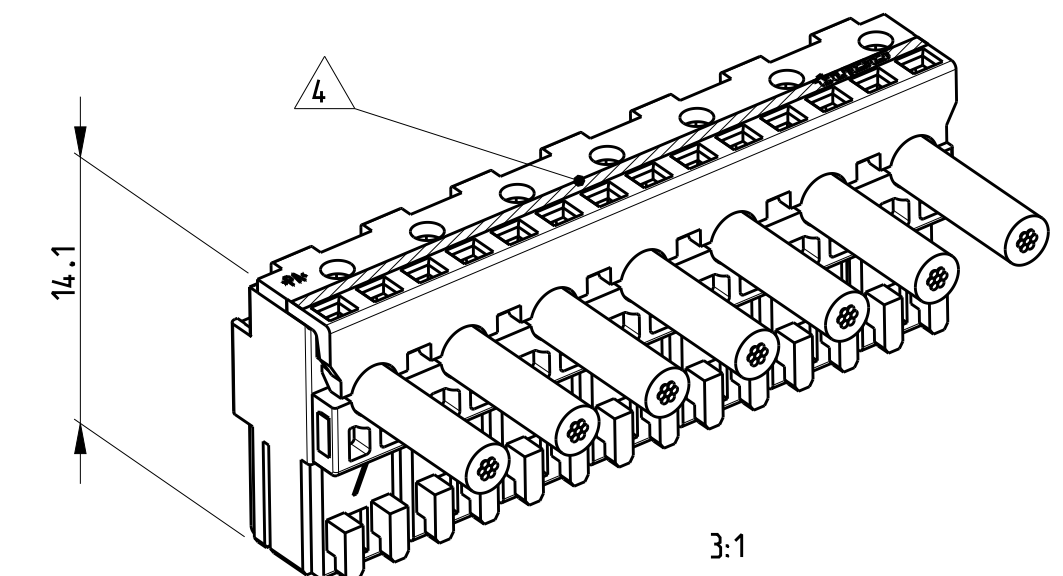
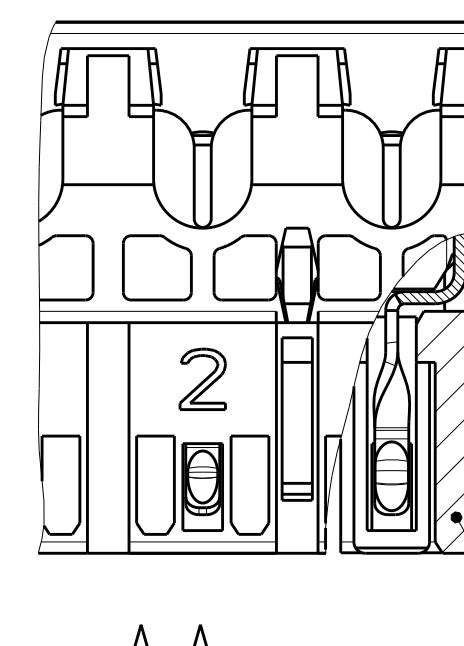
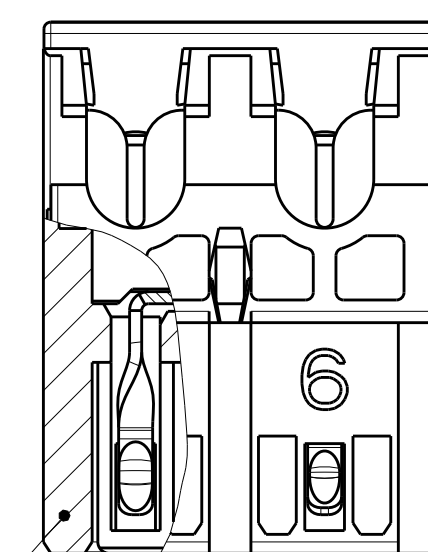
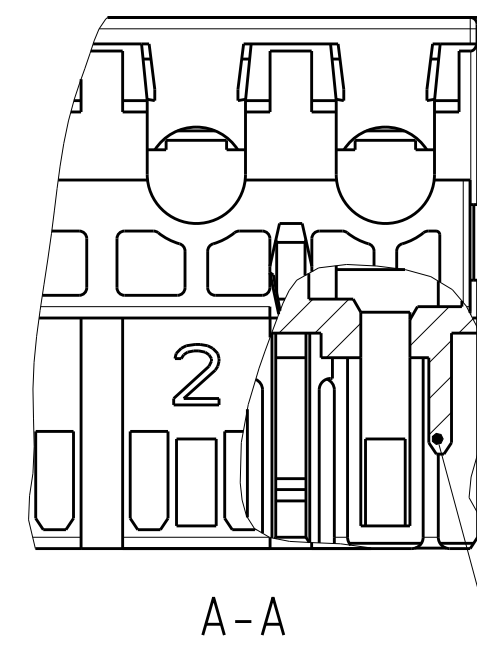
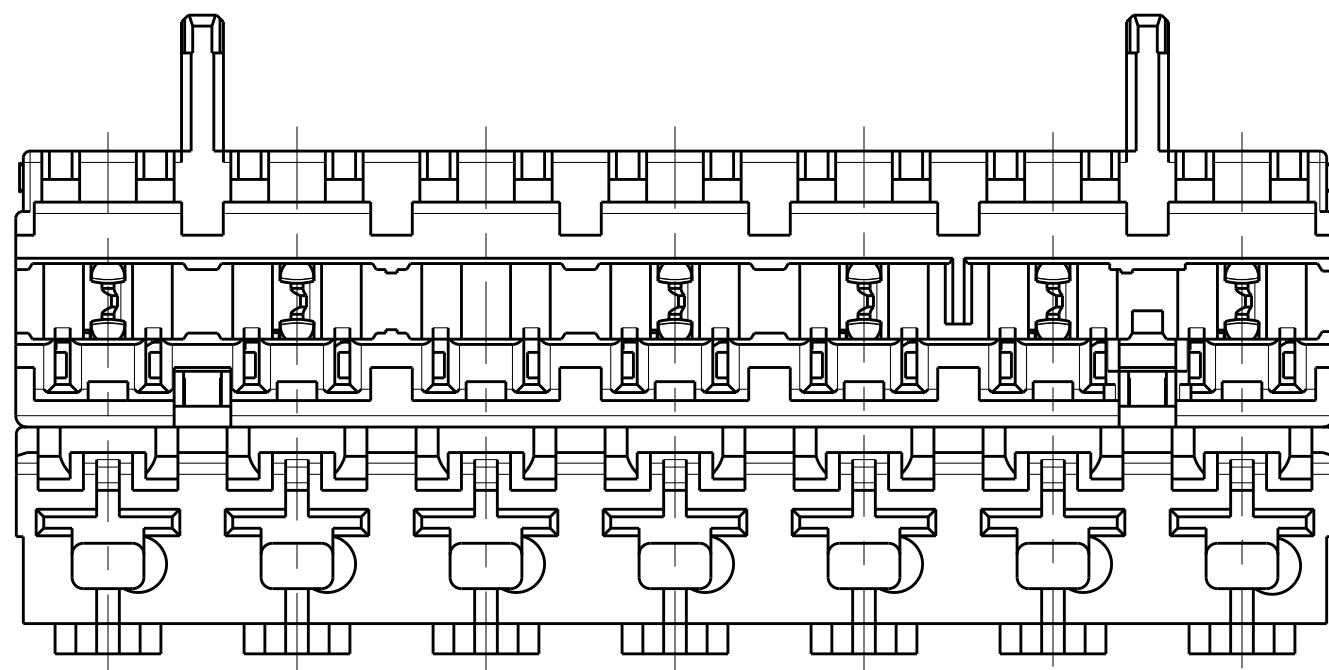


LOC	DIST	REVISIONS					
A1	-	F	LTR	DESCRIPTION	DATE	OWN	APVD
		B6	ECR-14-002960		27FEB2014	W W	RR
		B7	ECR-14-005741		21APR2014	W W	RR



- 10.8

13.35

14.05

6.6

7.3

8

1

A

D-D

22 INCLUSIVE COPPER CLADDING. SINGLE OR DOUBLE SIDED
Inklusive Kupferkaschierung, ein oder doppelseitig

21 PCB PREFERABLY CHAMFERED
Leiterplatte vorzugsweise angefast

20 SLOT FOR ADDITIONAL KEYING RIB BETWEEN CAVITY NO.
Schlitz fuer zusaeztliche Kodierrippe zwischen Kammer Nr.

19 SLOT FOR SIDE KEYING NARROW AND REDUCED, ON CAVITY NO.1
Schlitz fuer Seitenkodierung, eng und reduziert, bei Kammer Nr. 1

18 SLOT FOR SIDE KEYING, ON LAST CAVITY
Schlitz fuer Seitenkodierung, bei letzter Kammer

26 PRELIMINARY PART NOT RELEASED FOR PRODUCTION

25 TE LOGO

24 COLOUR MARKING IN THIS AREA. COLOUR SEE TABLE.
Farbmarkierung in diesem Bereich. Farbe siehe Tabelle.

23 X...CAVITY LOADED WITH CONTACT
O...CAVITY WITHOUT CONTACT
X...Kammer mit Kontakt best ueckt
O...Kammer ohne Kontakt

17 - 22 SEE SHEET 2
siehe Blatt 2

16 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

14 - 15 -

13 SIDE KEYING, SMALL AND HALF, ON CAVITY NO. 1
Seitenkodierung, schmal und halb, bei Kammer Nr. 1

9 - 12 -

8 LOCKING HOOK BETWEEN CAVITY NO. ...
Rasthaken zwischen Kammernummer ...

7 ADDITIONAL KEYING RIB BETWEEN CAVITY NO.
Zusaeztliche 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 OPTIONAL ON TERMINATION MACHINE
Farbmarkierung auf Gehaeuseoberseite optional an Verarbeitungsmaschine

3 MATING PART: PCB ACCORDING SHEET 2 OF 2
Passender Gegenstecker: Leiterplatten siehe Blatt 2 von 2

2 WIRE RANGE: 0.35-0.75 mm² ACCORDING TO APPLICATION SPEC 114-18996
Drahtgroessenbereich: 0.35 - 0.75 mm²; siehe Verarbeitungsspezifikation Nr.114-18996.

1 KEYING RIBS: CUTTING WITH TERMINATION MACHINE POSSIBLE
Kodierrippe: Schneiden auf der Verarbeitungsmaschine moeglich

- | | |
|---|--|
|  | INCLUSIVE COPPER CLADDING, SINGLE OR DOUBLE SIDED
Inklusive Kupferkaschierung, ein oder doppelseitig |
|  | PCB PREFERABLY CHAMFERED
Leiterplatte vorzugsweise angefast |
|  | SLOT FOR ADDITIONAL KEYING RIB BETWEEN CAVITY NO.
Schlitz fuer zusaeztliche Koeidierrippe zwischen Kammer Nr. |
|  | SLOT FOR SIDE KEYING NARROW AND REDUCED, ON CAVITY NO.1
Schlitz fuer Seitenkoeidierung, eng und reduziert, bei Kammer Nr. 1 |
|  | SLOT FOR SIDE KEYING, ON LAST CAVITY
Schlitz fuer Seitenkoeidierung, bei letzter Kammer |
|  | SLOT FOR SIDE KEYING, ON CAVITY NO. 1
Schlitz fuer Seitenkoeidierung, bei Kammer Nr. 1 |
|  -  | SEE SHEET 1
siehe Blatt 1 |

2	SEE TABLE siehe Tabelle	CONTACT	CuNiSi	TINNED/verzinnt
1		HOUSING	PA6 GF 16	NATURE/natur

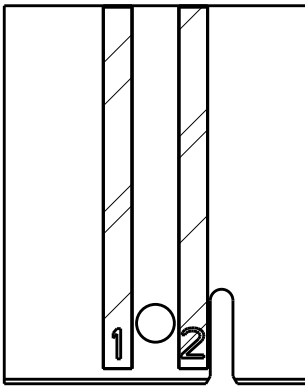
POS.	PN Betell-Nr.	DESCRIPTION Beschreibung	MATERIAL	COLOUR/FINISH Farbe/Oberflaeche
------	------------------	-----------------------------	----------	------------------------------------

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN H. Aitzmann CHK B. Schnaubel APPD J. Kienner 01NOV2005 01NOV2005 01NOV2005		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.2 1 PLC ± 0.2 2 PLC ± 0.2 3 PLC $\pm$ 4 PLC $\pm$ FINISH 50°		NAME AMP DUOPLUG POWER FEMALE CONNECTOR 2-9 POSITION (WITH PCB LOCKING)	
		PRODUCT SPEC 108-18780 APPLICATION SPEC 114-18996 WEIGHT -		SIZE CAGE CODE DRAWING NO. RESTRICTED TO	
MATERIAL SEE TABLE		CUSTOMER DRAWING		A1 00779 C=1740533 SCALE 5:1 SHEET 1 of 3 REV B7	

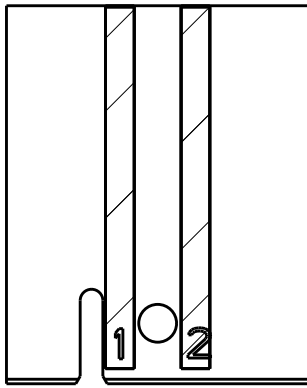
PCB LAYOUT
Leiterplattenanschluss

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

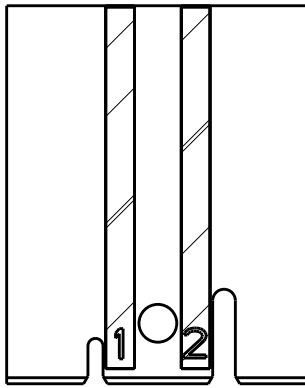
2 POSITION
2 polig



LAYOUT FOR CONNECTOR NO.
0-1740533-2

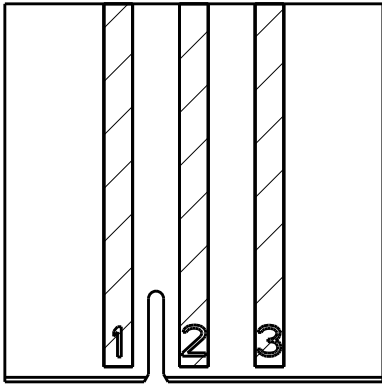


LAYOUT FOR CONNECTOR NO.
1-1740533-2

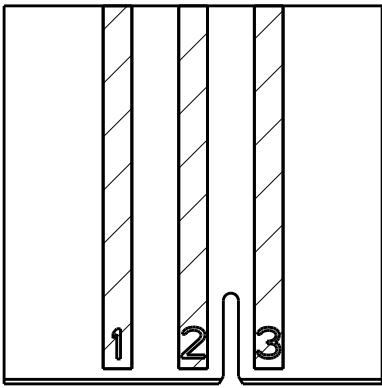


LAYOUT FOR CONNECTOR NO.
2-1740533-2

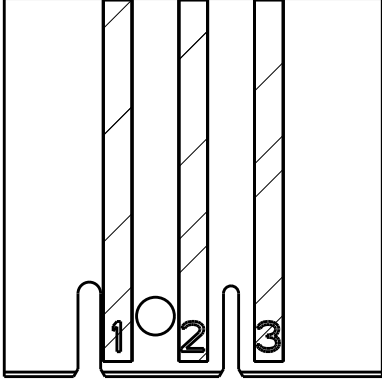
3 POSITION
3 polig



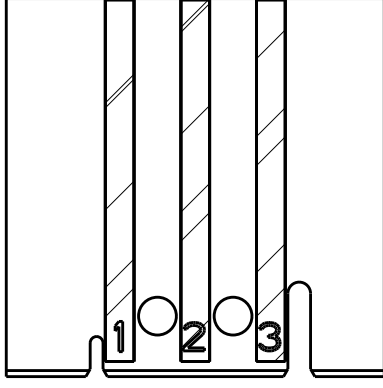
LAYOUT FOR CONNECTOR NO.
7-1740533-3



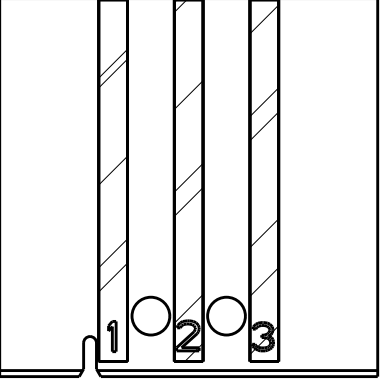
LAYOUT FOR CONNECTOR NO.
6-1740533-3



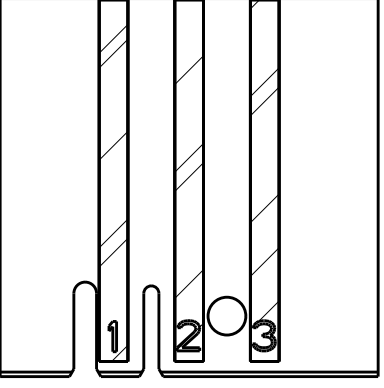
LAYOUT FOR CONNECTOR NO.
0-1740533-3



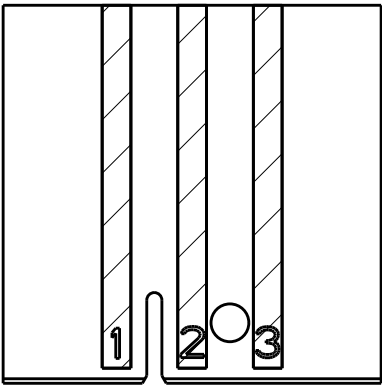
LAYOUT FOR CONNECTOR NO.
1-1740533-3



LAYOUT FOR CONNECTOR NO.
2-1740533-3

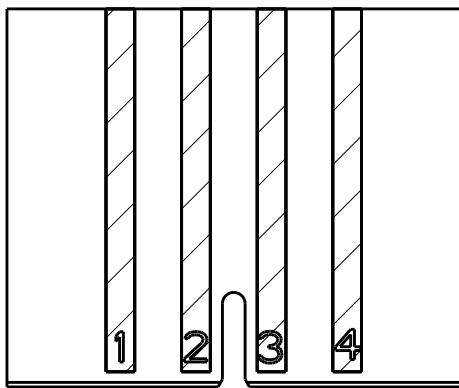


LAYOUT FOR CONNECTOR NO.
3-1740533-3 (WITHOUT PAD 3)

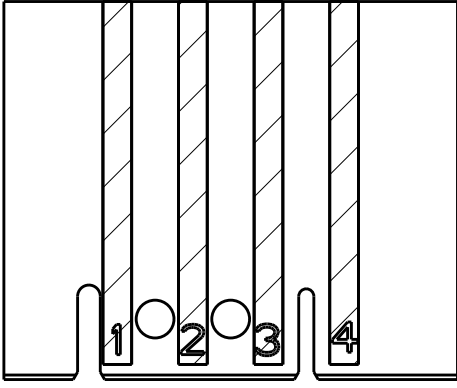


LAYOUT FOR CONNECTOR NO.
5-1740533-3

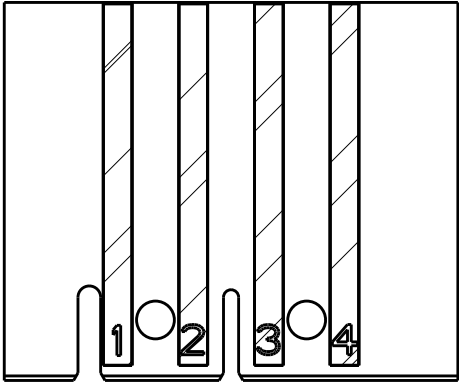
4 POSITION
4 polig



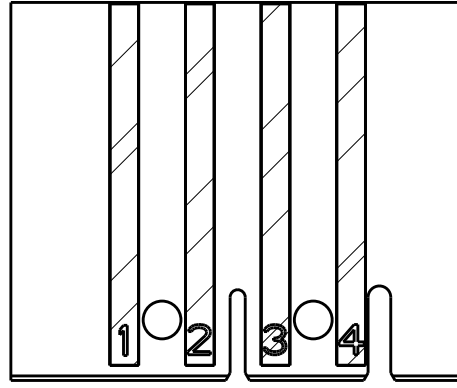
LAYOUT FOR CONNECTOR NO.
5-1740533-4



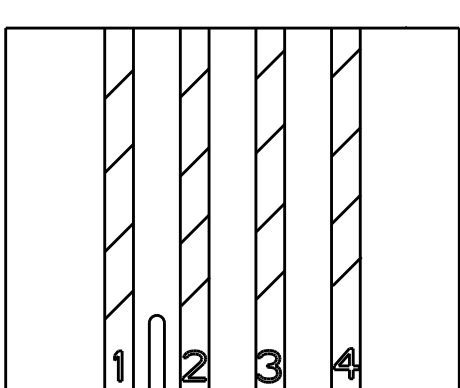
LAYOUT FOR CONNECTOR NO.
3-1740533-4



LAYOUT FOR CONNECTOR NO.
0-1740533-4 (WITHOUT PAD 2)

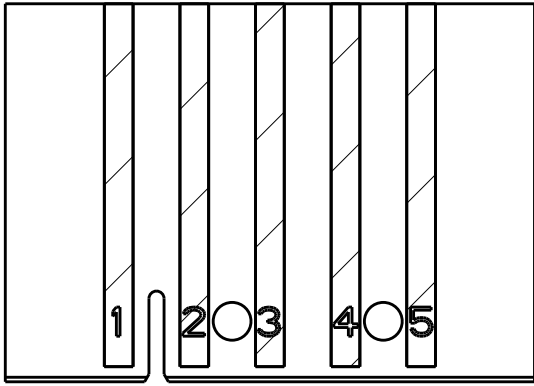


LAYOUT FOR CONNECTOR NO.
1-1740533-4

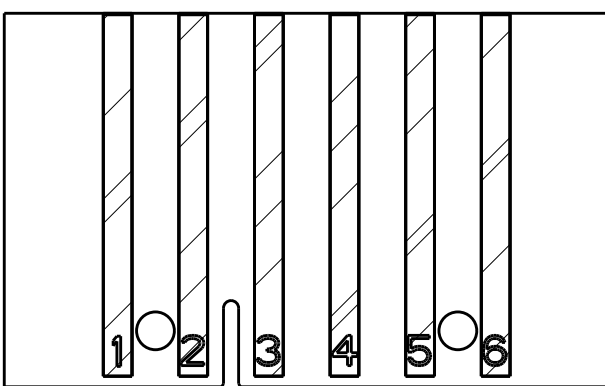


LAYOUT FOR CONNECTOR NO.
4-1740533-4

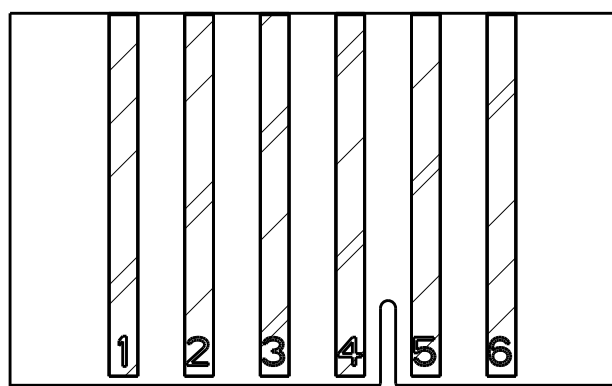
6 POSITION
6 polig



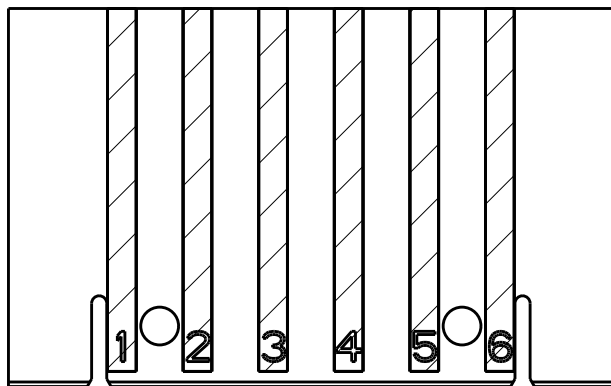
LAYOUT FOR CONNECTOR NO.
0-1740533-5



LAYOUT FOR CONNECTOR NO.
0-1740533-6 (WITHOUT PAD 2/5/6)

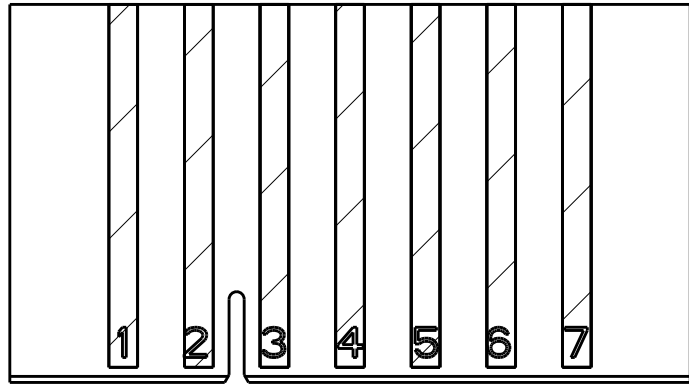


LAYOUT FOR CONNECTOR NO.
2-1740533-6

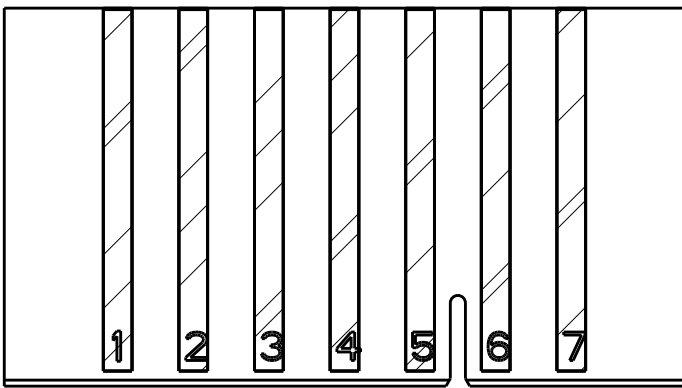


LAYOUT FOR CONNECTOR NO.
4-1740533-6

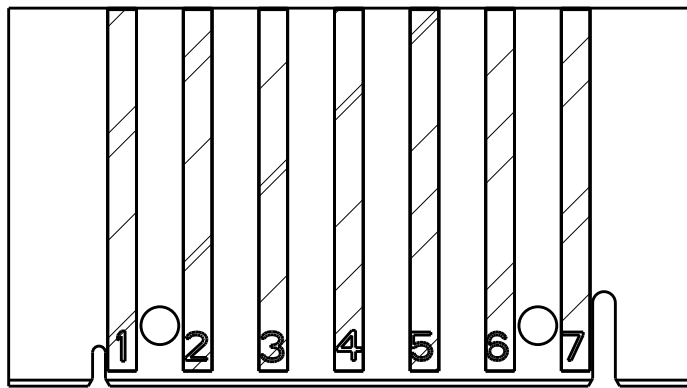
7 POSITION
7 polig



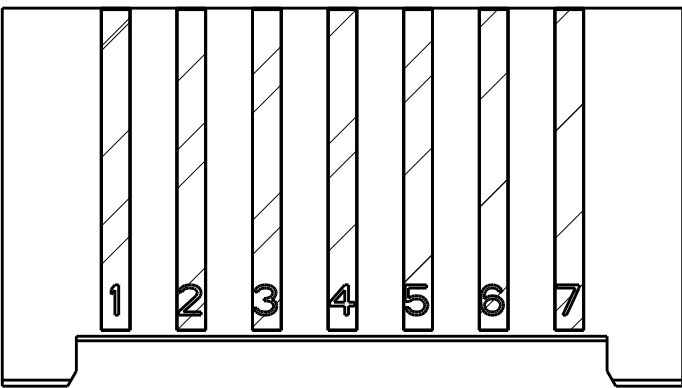
LAYOUT FOR CONNECTOR NO.
4-1740533-7



LAYOUT FOR CONNECTOR NO.
0-1740533-7

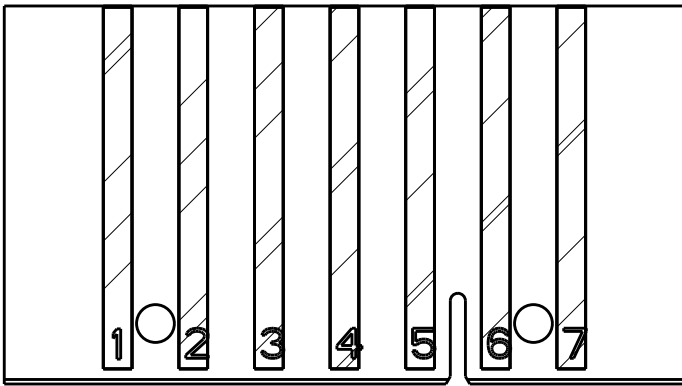


LAYOUT FOR CONNECTOR NO.
1-1740533-7

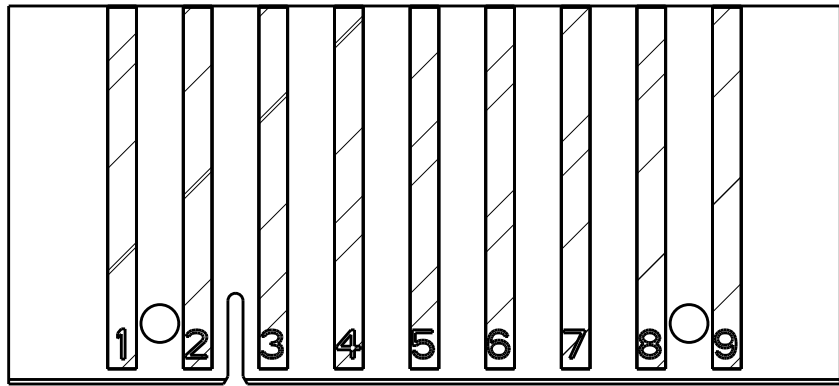


LAYOUT FOR CONNECTOR NO.
2-1740533-7

9 POSITION
9 polig



LAYOUT FOR CONNECTOR NO.
3-1740533-7



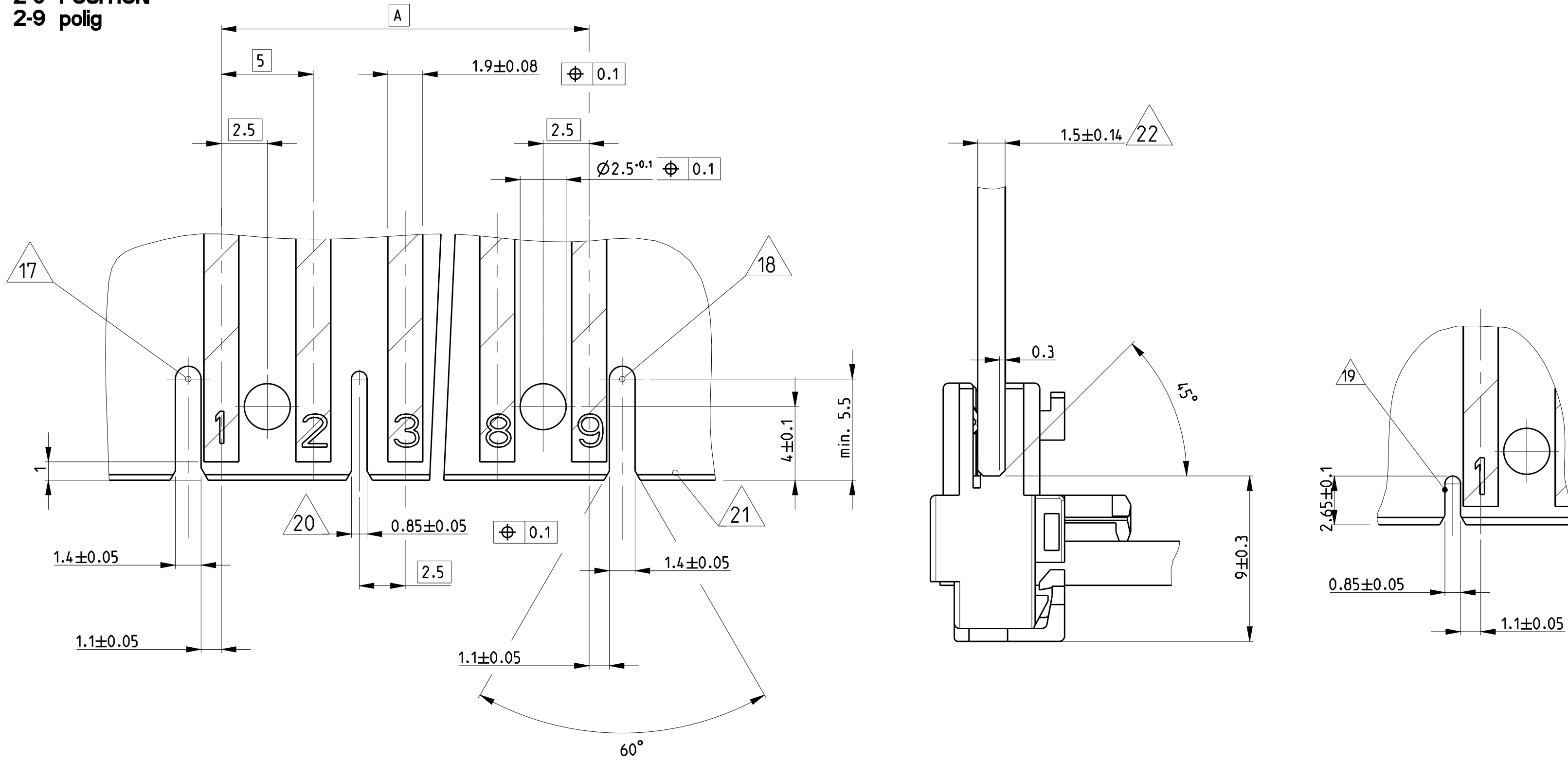
LAYOUT FOR CONNECTOR NO.
0-1740533-9

LAYOUT FOR CONNECTOR NO.
1-1740533-9 (WITHOUT PAD 9)

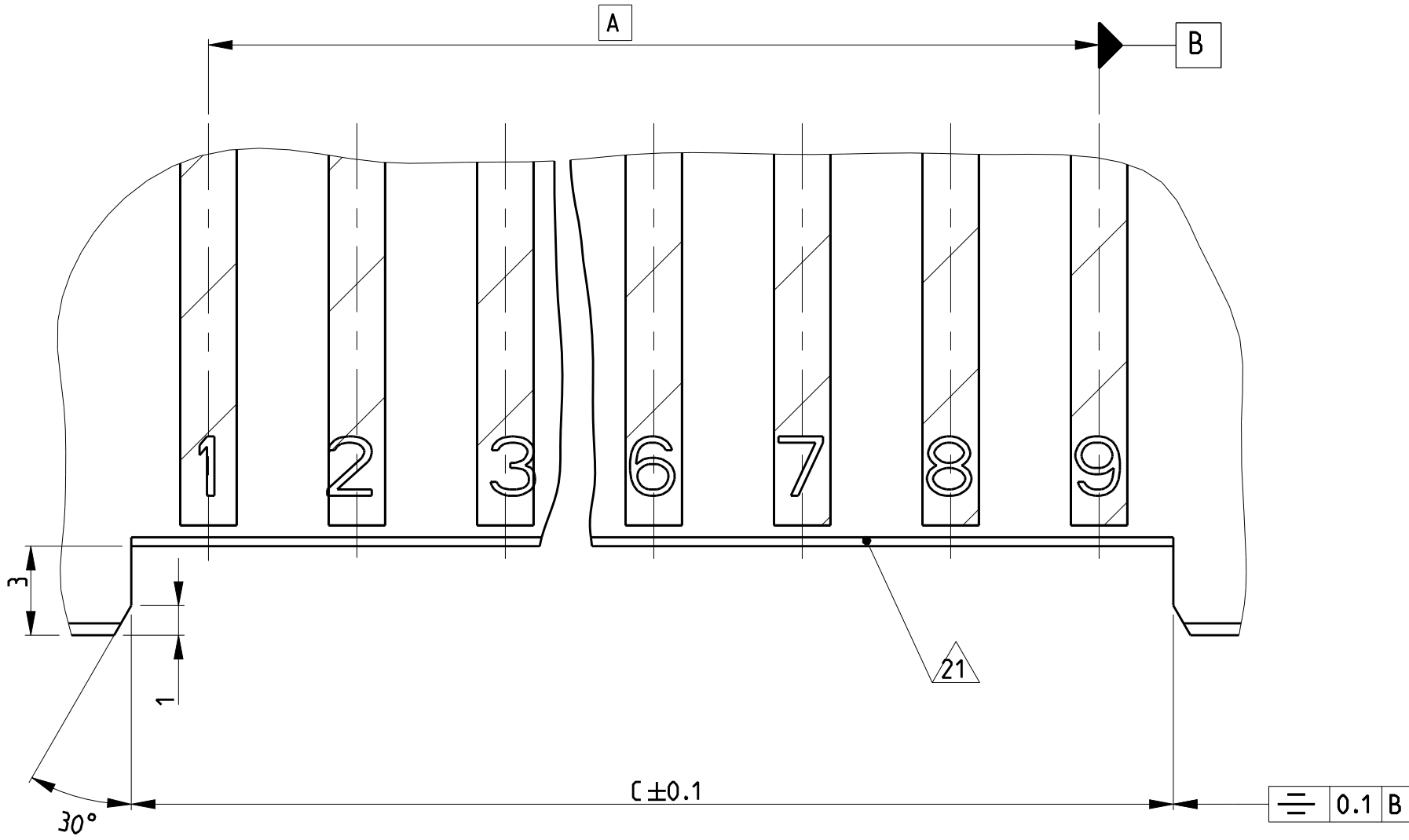
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN H. Alzmann	01NOV2005	TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK B. Schnaubelt	01NOV2005		
DIMENSIONS:		APVD T. Klenner	01NOV2005	NAME AMP DUOPLUG POWER FEMALE CONNECTOR 2-9 POSITION (WITH PCB LOCKING)	
mm		PRODUCT SPEC			
		108-18780		SIZE A 1	
MATERIAL SEE TABLE		APPLICATION SPEC			
FINISH SEE TABLE		116-18996		CAGE CODE 00779	
		WEIGHT -			
		CUSTOMER DRAWING		SCALE 5:1	
				SHEET 2 OF 3	
				REV B7	

PCB LAYOUT IN GENERAL
Leiterplattenanschluss allgemein

2-9 POSITION
2-9 polig



PCB LAYOUT FOR VERSIONS WITHOUT KEYING RIBS/
LOCKING HOOKS (E. G. PN 2-1740533-7)
Leiterplattenanschluss fuer Version ohne Kodierrippen/
Rasthaken (z. B. Nr. 2-1740533-7)



GREEN/gruen	0	X	X	X	X	X	X	X	X	9	40	44.9	-	-	2/3	-	-	1/2 + 8/9	1-1740533-9
GREEN/gruen	X	X	X	X	X	X	X	X	X	9	40	44.9	-	-	2/3	-	-	1/2 + 8/9	0-1740533-9
			X	X	X	X	X	X	X	7	30	34.9	-	-	2/3	-	-	-	4-1740533-7
-			X	X	X	X	X	X	X	7	30	34.9	-	-	5/6	-	-	1/2 + 6/7	3-1740533-7
-			X	X	X	X	X	X	X	7	30	34.9	35.1	-	-	-	-	-	2-1740533-7
-			X	X	X	X	X	X	X	7	30	34.9	-	X	-	X	-	1/2 + 6/7	1-1740533-7
-			X	X	X	X	X	X	X	7	30	34.9	-	-	5/6	-	-	-	0-1740533-7
			X	X	X	X	X	X	X	6	25	29.9	-	-	-	X	X	1/2 + 5/6	4-1740533-6
BLACK/schwarz			X	X	X	X	0	X	6	25	29.9	-	-	2/3	-	-	-	1/2 + 5/6	3-1740533-6
-			X	X	X	X	X	X	6	25	29.9	-	-	4/5	-	-	-	-	2-1740533-6
BLACK/schwarz			X	X	X	X	X	X	6	25	29.9	-	-	2/3	-	-	-	1/2 + 5/6	1-1740533-6
BLACK/schwarz			0	0	X	X	0	X	6	25	29.9	-	-	2/3	-	-	-	1/2 + 5/6	0-1740533-6
					X	X	X	X	4	15	19.9	-	-	2/3	-	-	-	-	5-1740533-4
					X	X	X	X	4	15	19.9	-	-	1/2	-	-	-	-	4-1740533-4
BROWN/braun					X	X	X	X	4	15	19.9	-	-	3/4	-	X	1/2 + 2/3	3-1740533-4	
BROWN/Braun					X	X	X	X	4	15	19.9	-	-	2/3	-	X	1/2 + 3/4	2-1740533-4	
BLUE/blau					X	X	X	X	4	15	19.9	-	-	2/3	X	-	1/2 + 3/4	1-1740533-4	
				X	X	X	X	X	5	20	24.95	-	-	1/2	-	-	2/3 + 4/5	0-1740533-5	
BROWN/braun				X	X	0	X	4	15	19.9	-	-	2/3	-	X	1/2 + 3/4	0-1740533-4		
BLUE/blau					X	X	X	3	10	14.9	-	X	-	X	-	-	1/2 + 2/3	8-1740533-3	
					X	X	X				-	-	1/2	-	-	-	-	7-1740533-3	
					X	X	X				-	-	2/3	-	-	-	-	6-1740533-3	
					X	X	X				-	-	1/2	-	-	2/3	5-1740533-3		
BLACK/Schwarz					X	X	0				-	-	1/2	-	X	2/3	4-1740533-3		
BLACK/schwarz					0	X	X	3	10	14.9	-	-	1/2	-	X	2/3	3-1740533-3		
-					X	X	X	3	10	14.9	-	X	-	-	-	1/2 + 2/3	2-1740533-3		
-					X	X	X	3	10	14.9	-	X	-	X	-	1/2 + 2/3	1-1740533-3		
BLACK/schwarz					X	X	X	3	10	14.9	-	-	2/3	-	X	1/2	0-1740533-3		
-					X	X	2	5	9.9	-	X	-	X	-	-	1/2	2-1740533-2		
RED/rot					X	X	2	5	9.9	-	-	-	-	X	-	1/2	1-1740533-2		
GREEN/gruen					X	X	2	5	9.9	-	-	-	X	-	-	1/2	0-1740533-2		
COLOUR/Farbe	9	8	7	6	5	4	3	2	1	POS. Polzahl	DIM A	DIM B	DIM C	KEYING	KEYING	KEYING	KEYING	LOCKING HOOK	PN Bestell-Nr.
	24								23										

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN SUDHAKAR 28OCT2013	TE Connectivity	
DIMENSIONS:		CHK SUDHAKAR 28OCT2013	NAME AMP DUOPLUG POWER FEMALE CONNECTOR 2-9 POSITION (WITH PCB LOCKING)	
mm		APVD RA JENDRA 28OCT2013		
		PRODUCT SPEC		
		108-18750		
MATERIAL SEE TABLE		APPLICATION SPEC	SIZE CAGE CODE DRAWING NO	
		114-18996	A 1 00779 C=1740533	
		WEIGHT -	RESTRICTED TO -	
		CUSTOMER DRAWING	SCALE 5:1 SHEET 3 OF 3 REV 87	