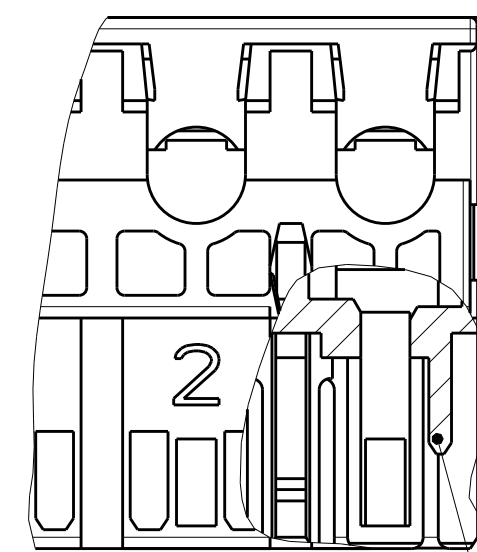
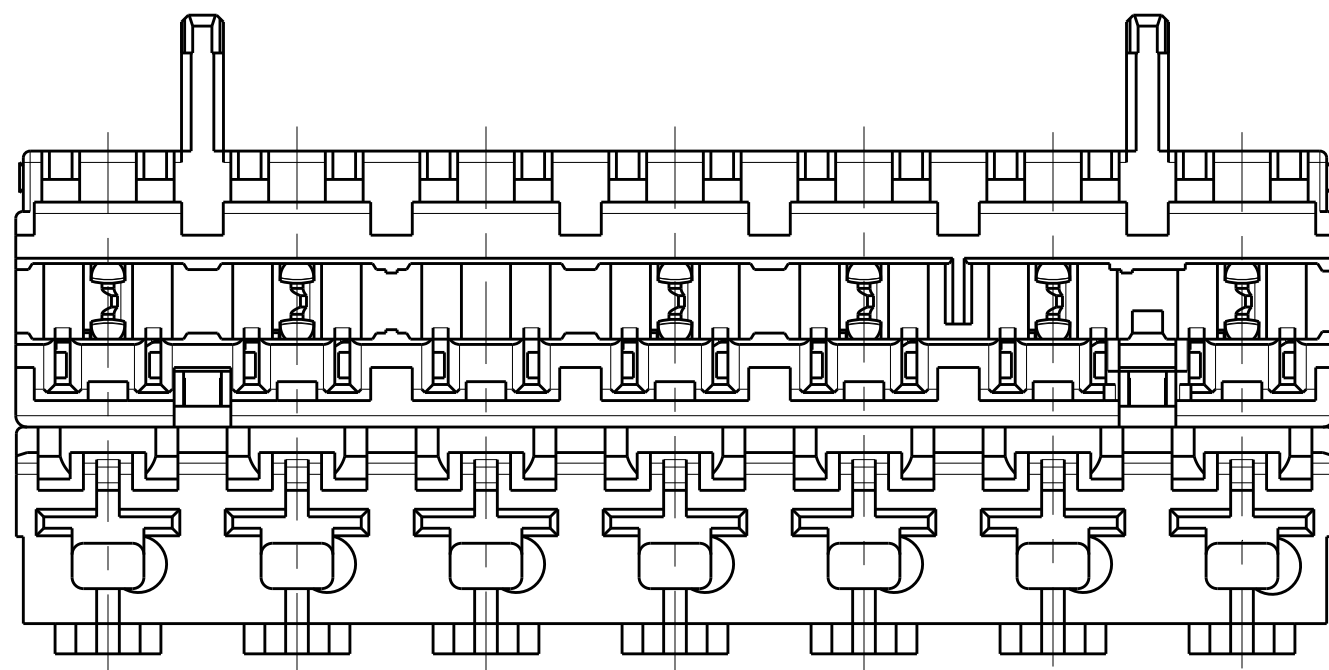
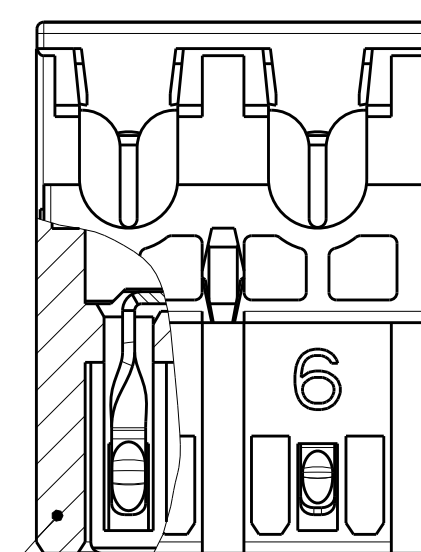
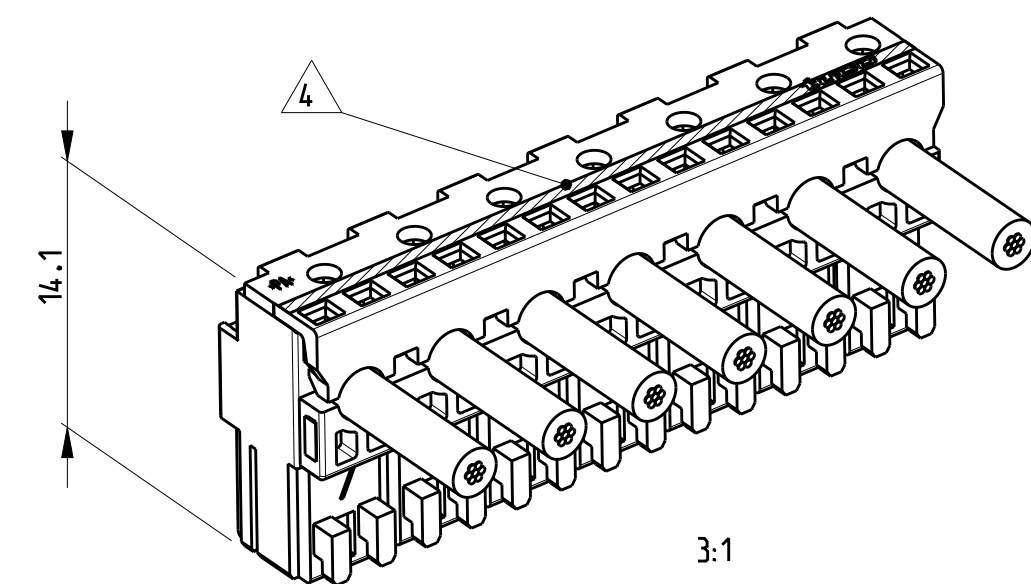
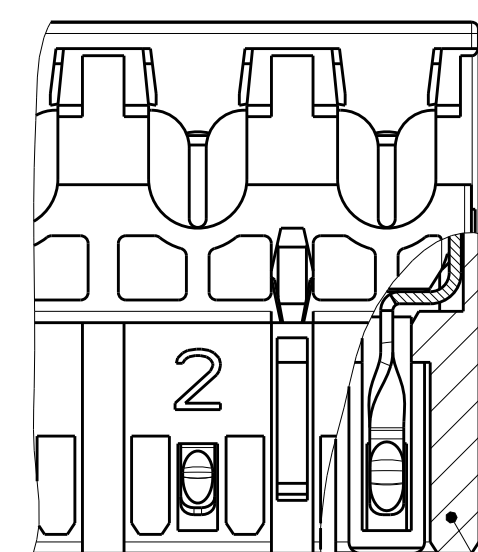




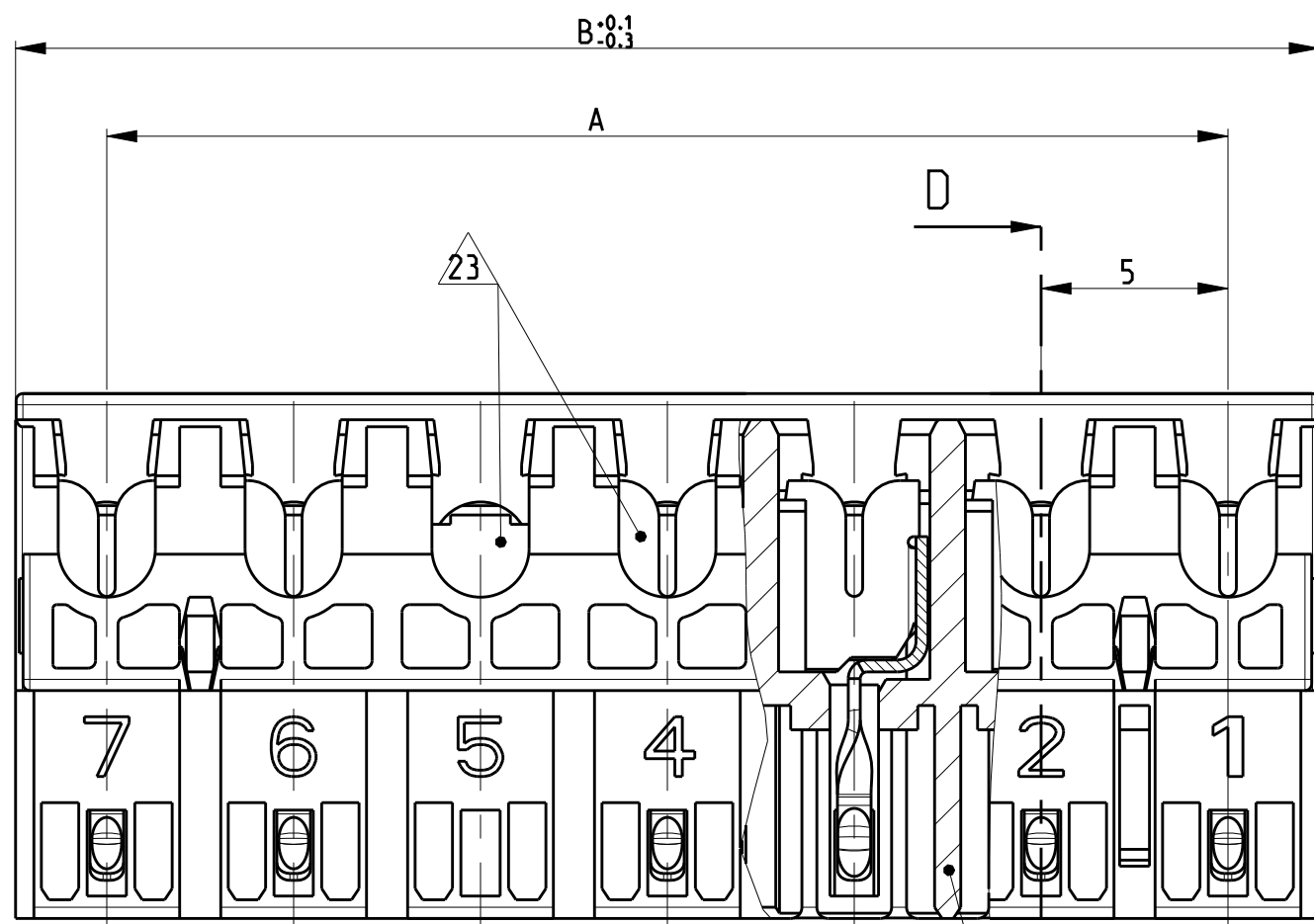
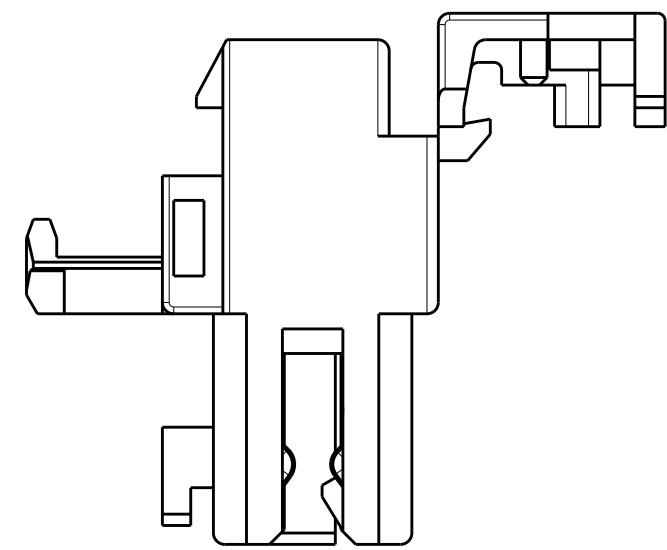
A-A



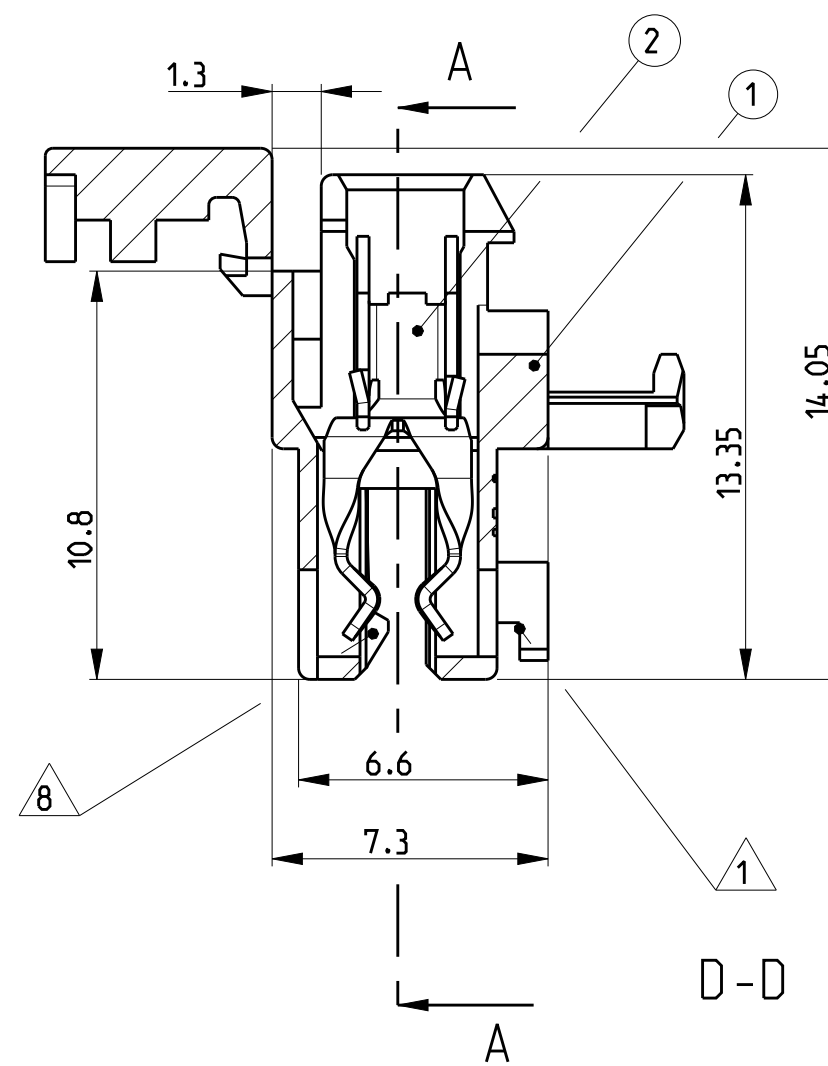
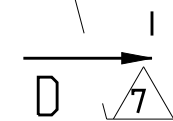
A - A



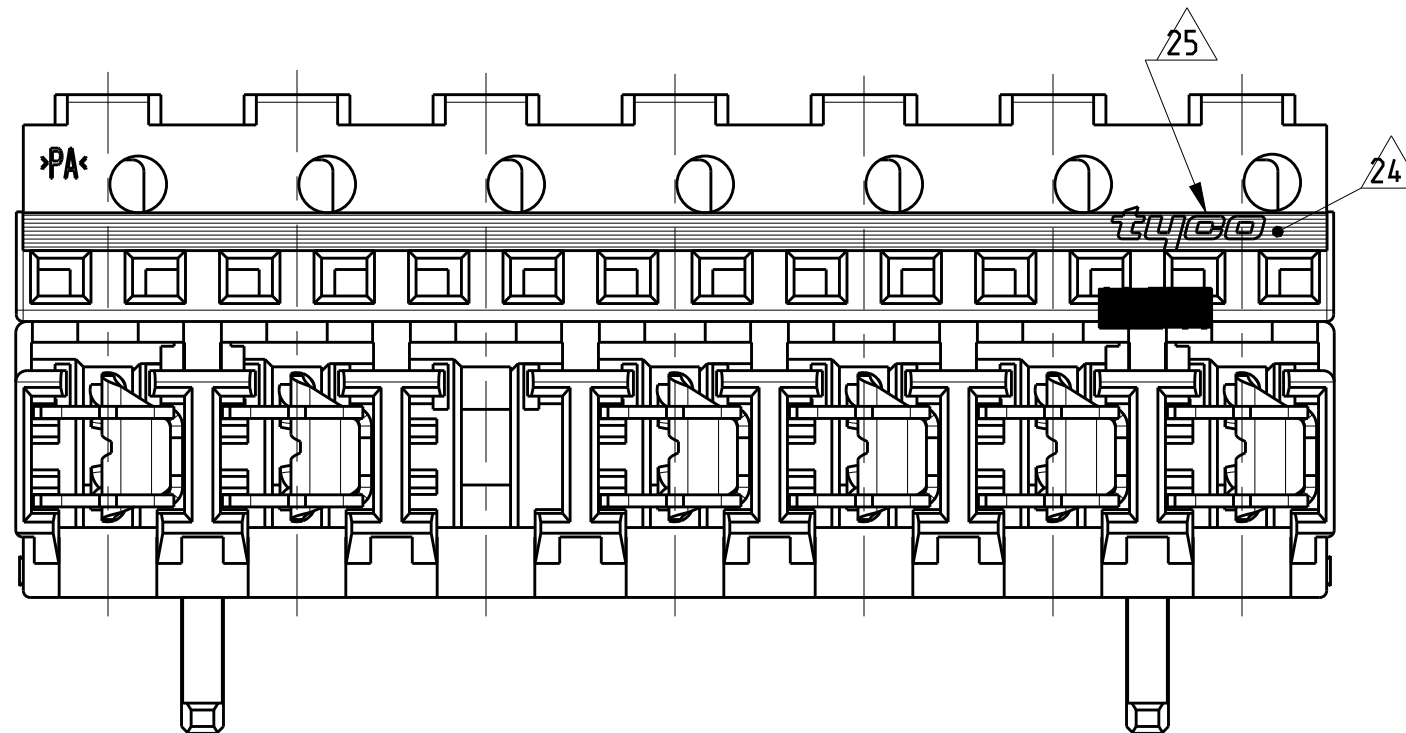
3:1



A-A



D-D



26 PRELIMINARY PART NOT RELEASED FOR PRODUCTION

25 TE LOGO

 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 bestückt
O...Kammer ohne Kontakt

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

21 PCB PREFERABLY CHAMFERED
Leiterplatte vorzugsweise angefast

 SLOT FOR ADDITIONAL KEYING RIB BETWEEN CAVITY NO.
Schlitz fuer zusaetzliche 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

 SLOT FOR SIDE KEYING, ON CAVITY NO. 1
Schlitz fuer Seitenkodierung, bei Kammer Nr. 1

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

$$\triangle 14 - \triangle 15 -$$

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

$$\triangle 9 - \triangle 12 =$$

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

7 ADDITIONAL KEYING RIB BETWEEN CAVITY NO.
Zusaetzliche Kodierrippe zwischen Kammer Nr.

6 SIDE KEYING. ON LAST CAVITY
Seitenkodierung. bei letzter Kammer

 SIDE KEYING. ON CAVITY NO. 1
Seitenkodierung, bei Kammer Nr. 1

4 COLOUR MARKING ON TOP OF HOUSING OPTIONAL ON TERMINATION MACHINE
Farbmarkierung auf Gehäuseoberseite 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
 Drahtgrößenbereich: 0.35 - 0.75 mm²; siehe Verarbeitungsspezifikation Nr.114-18996.

1 KEYING RIBS; CUTTING WITH TERMINATION MACHINE POSSIBLE
Kodierrippe; Schneiden auf der Verarbeitungsmaschine möglich

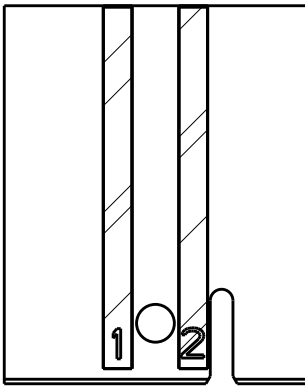
2	SEE TABLE	CONTACT	CuNiSi	TINNED/verzinnt
1	siehe Tabelle	HOUSING	PA6 GF	NATURE/natur

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN H. Altmann CHK B. Schnaubelt APVD T. Klenner		01NOV2005 01NOV2005 01NOV2005		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		AMP DUOPLUG POWER FEMALE CONNECTOR 2-9 POSITION (WITH PCB LOCKING)	
		0 PLC ±0.2 1 PLC ±0.2 2 PLC ±0.2 3 PLC ±0.2 4 PLC ±0.2 ANGLES ±2°		PRODUCT SPEC 108-18780 APPLICATION SPEC 114-18996		SIZE A 1	
MATERIAL SEE TABLE		FINISH SEE TABLE		WEIGHT -		DRAWING NO C=174.0533	
CUSTOMER DRAWING				SCALE 5:1		SHEET 1 of 3	
				REV B8			

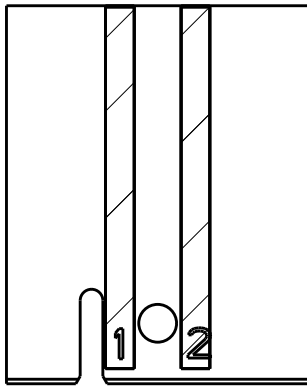
LOC		DIST		REVISONS			
A	I	P	LTR	DESCRIPTION	DATE	DWN	APVD
				- SEE SHEET 1	-	-	-

PCB LAYOUT
Leiterplattenanschluss

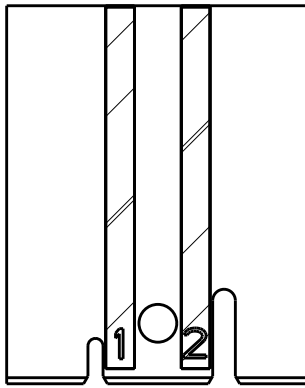
2 POSITION
2 polig



LAYOUT FOR CONNECTOR NO.
0-1740533-2

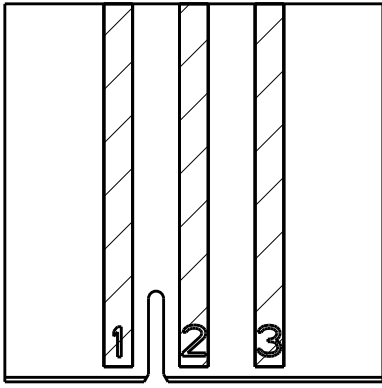


LAYOUT FOR CONNECTOR NO.
1-1740533-2

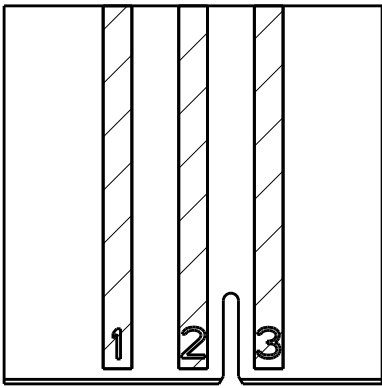


LAYOUT FOR CONNECTOR NO.
2-1740533-2

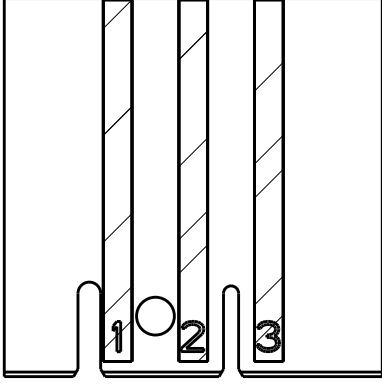
3 POSITION
3 polig



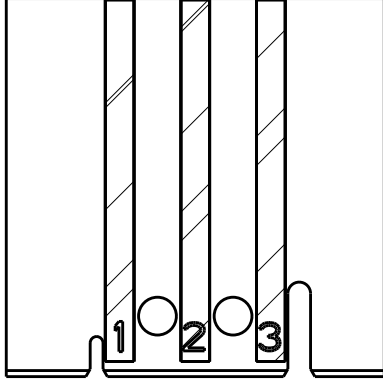
LAYOUT FOR CONNECTOR NO.
7-1740533-3



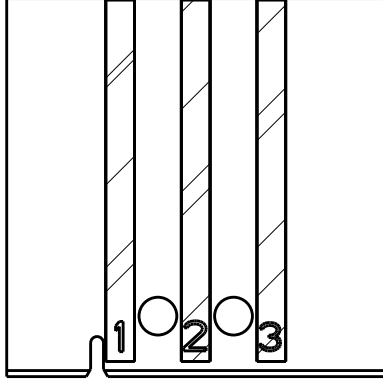
LAYOUT FOR CONNECTOR NO.
6-1740533-3



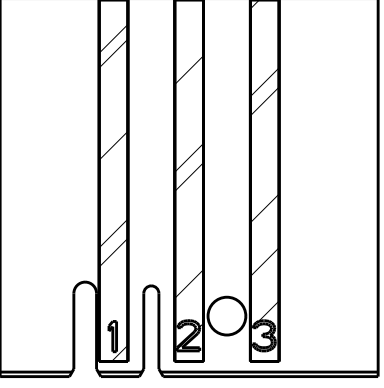
LAYOUT FOR CONNECTOR NO.
0-1740533-3



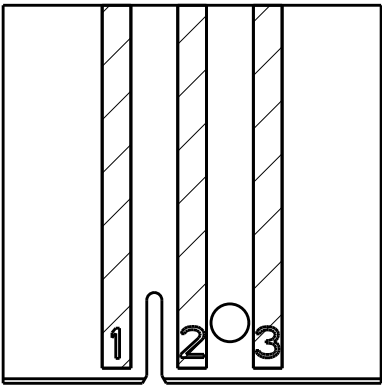
LAYOUT FOR CONNECTOR NO.
1-1740533-3
8-1740533-3



LAYOUT FOR CONNECTOR NO.
2-1740533-3

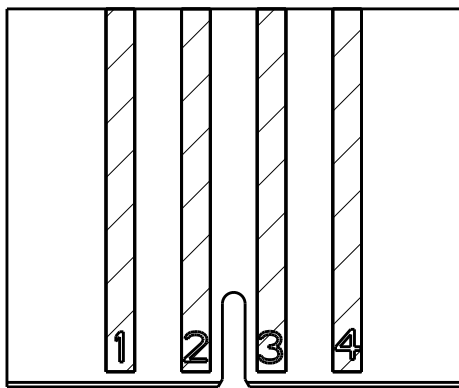


LAYOUT FOR CONNECTOR NO.
3-1740533-3 (WITHOUT PAD 3)
4-1740533-3 (WITHOUT PAD 1)

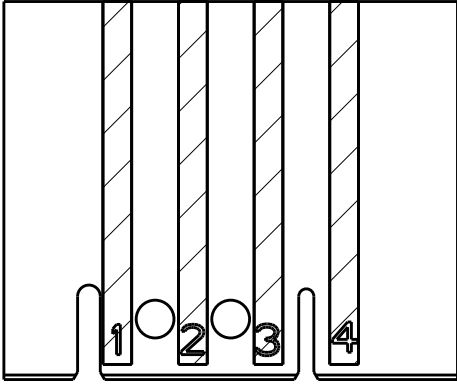


LAYOUT FOR CONNECTOR NO.
5-1740533-3

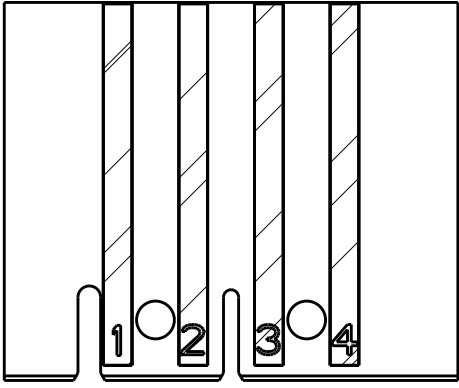
4 POSITION
4 polig



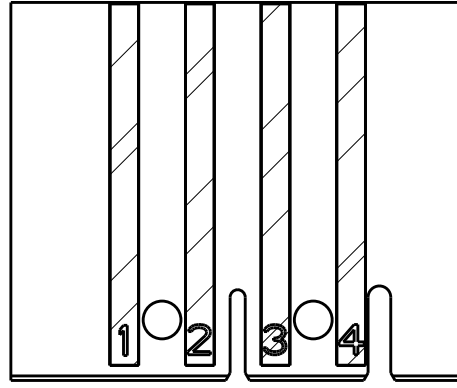
LAYOUT FOR CONNECTOR NO.
5-1740533-4



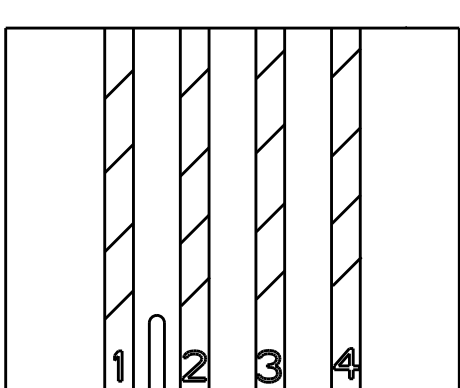
LAYOUT FOR CONNECTOR NO.
3-1740533-4



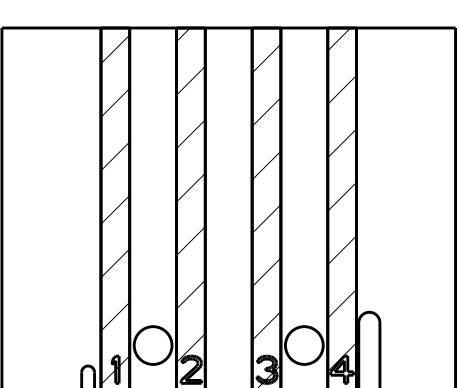
LAYOUT FOR CONNECTOR NO.
0-1740533-4 (WITHOUT PAD 2)
2-1740533-4



LAYOUT FOR CONNECTOR NO.
1-1740533-4

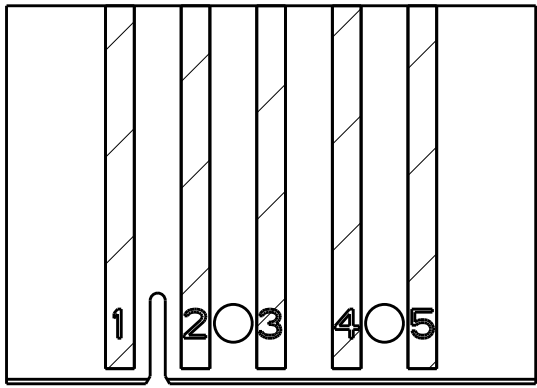


LAYOUT FOR CONNECTOR NO.
4-1740533-4



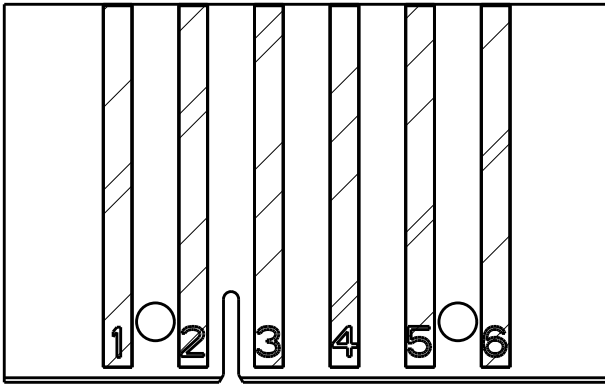
LAYOUT FOR CONNECTOR NO.
6-1740533-4

5 POSITION
5 polig

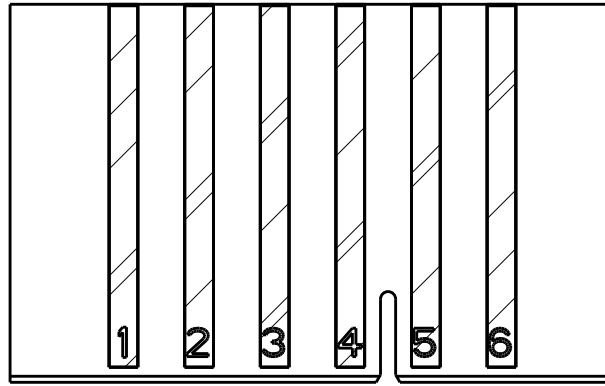


LAYOUT FOR CONNECTOR NO.
0-1740533-5

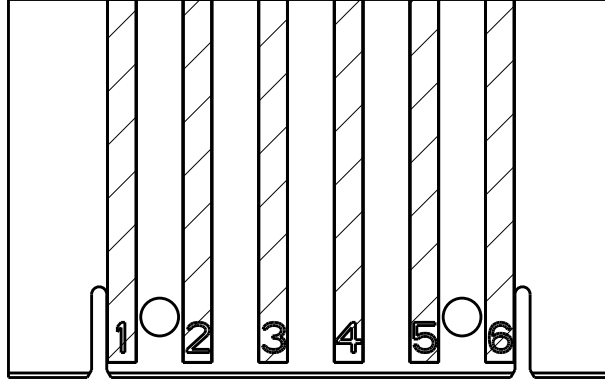
6 POSITION
6 polig



LAYOUT FOR CONNECTOR NO.
0-1740533-6 (WITHOUT PAD 2/5/6)
1-1740533-6
3-1740533-6 (WITHOUT PAD 2)

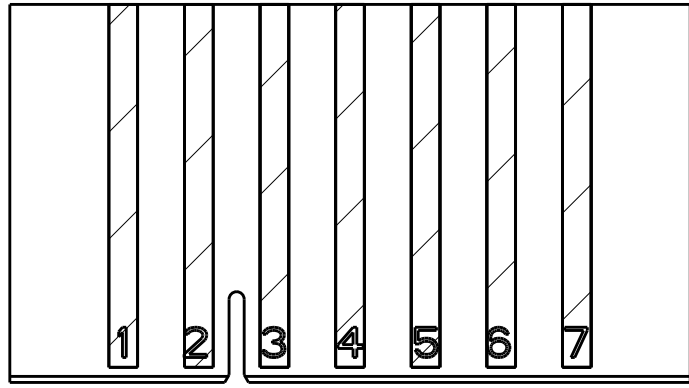


LAYOUT FOR CONNECTOR NO.
2-1740533-6

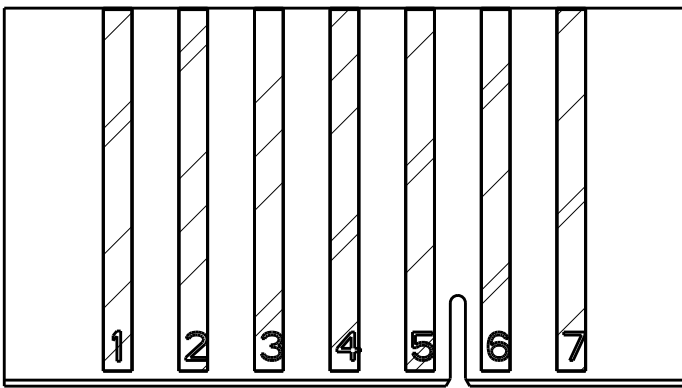


LAYOUT FOR CONNECTOR NO.
4-1740533-6

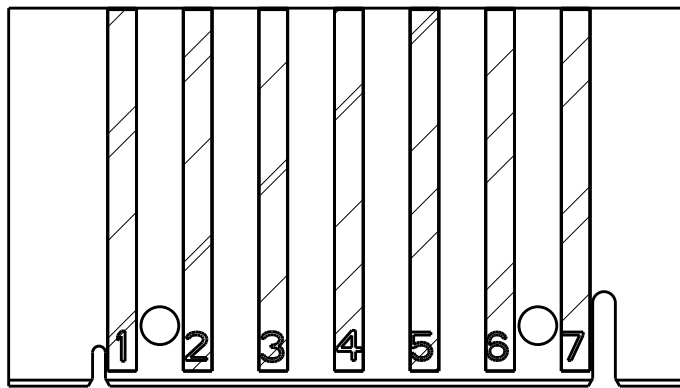
7 POSITION
7 polig



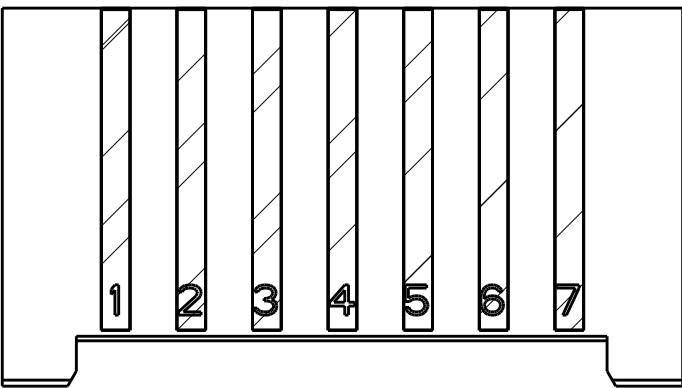
LAYOUT FOR CONNECTOR NO.
4-1740533-7



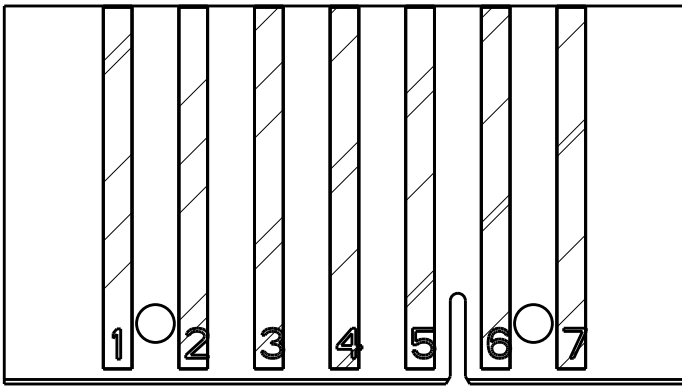
LAYOUT FOR CONNECTOR NO.
0-1740533-7



LAYOUT FOR CONNECTOR NO.
1-1740533-7

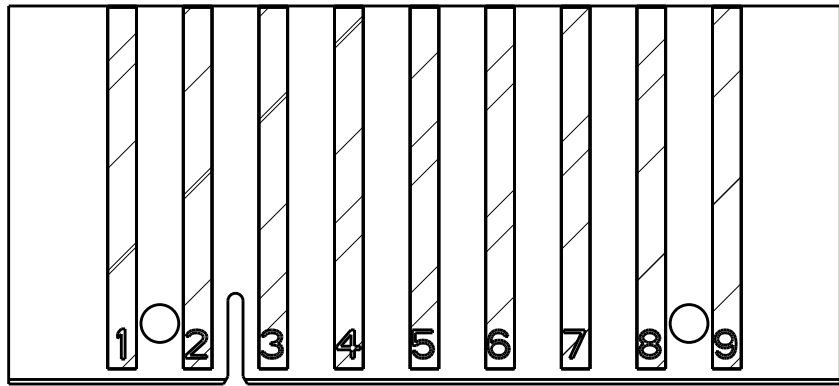


LAYOUT FOR CONNECTOR NO.
2-1740533-7



LAYOUT FOR CONNECTOR NO.
3-1740533-7

9 POSITION
9 polig

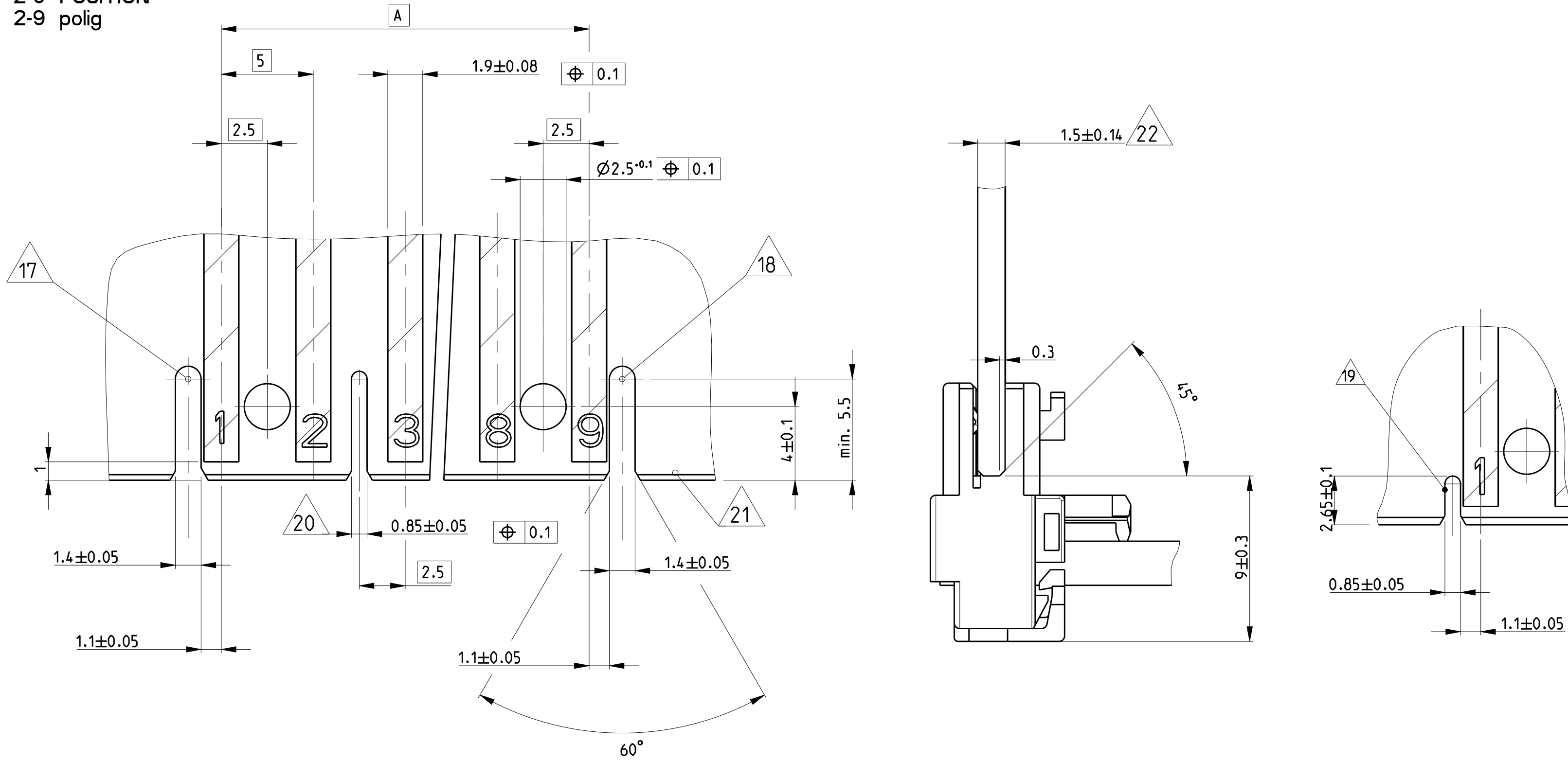


LAYOUT FOR CONNECTOR NO.
0-1740533-9
1-1740533-9 (WITHOUT PAD 9)

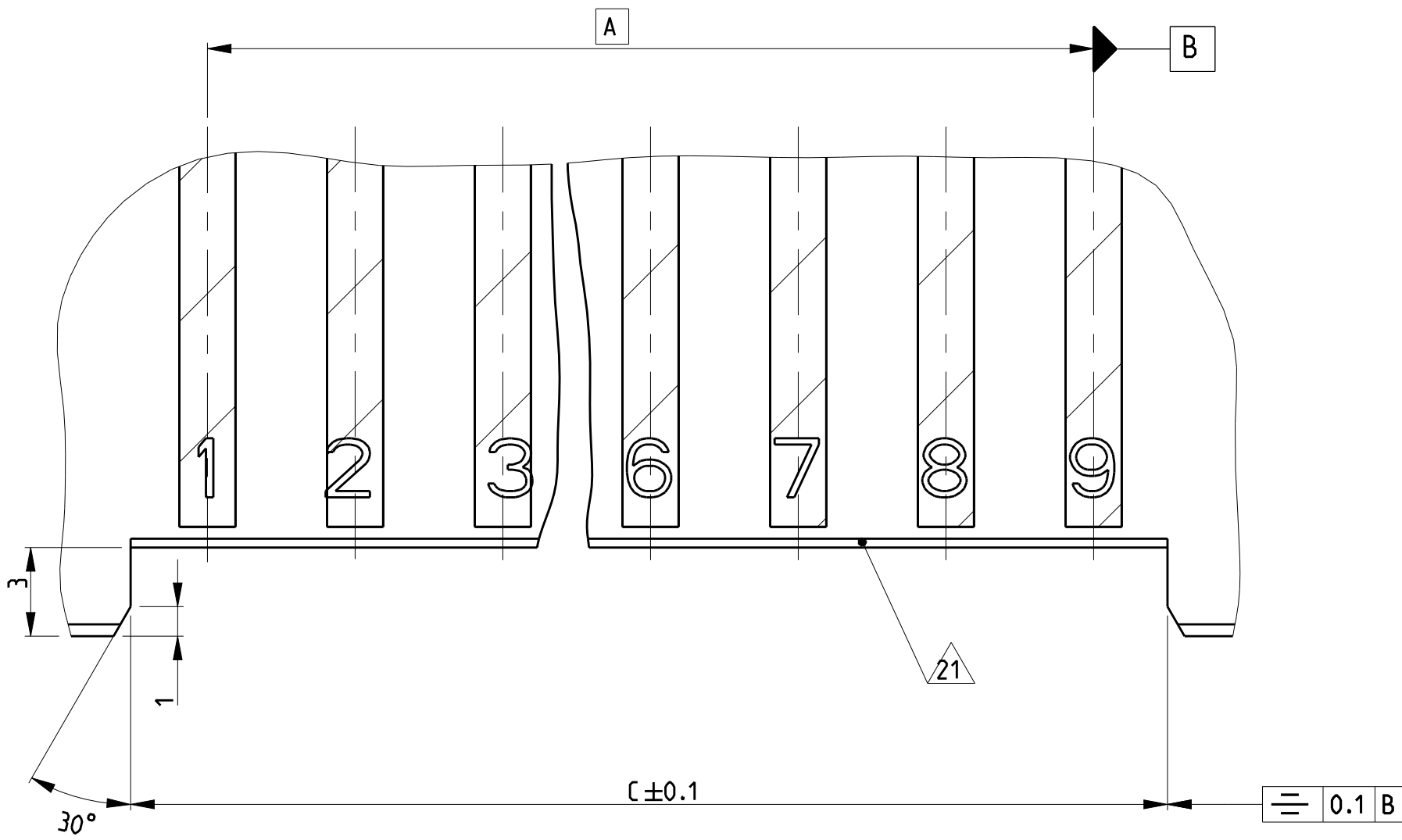
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN H. Alzmann	01NOV2005	TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK B. Schnaubelt	01NOV2005		
DIMENSIONS:		APVD T. Klenner	01NOV2005	NAME AMP DUOPLUG POWER FEMALE CONNECTOR 2-9 POSITION (WITH PCB LOCKING)	
mm		PRODUCT SPEC			
		108-18780		SIZE A 1	
		APPLICATION SPEC			
MATERIAL SEE TABLE		ANGLES 116-18996	WEIGHT -	CAGE CODE 00779	
FINISH SEE TABLE		DRAWING NO. 1740533		RESTRICTED TO -	
		CUSTOMER DRAWING		SCALE 2:1	
				SHEET 2 OF 3	
				REV B8	

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	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	X		5	20	24.95	-	-	1/2	-	-	2/3 + 4/5	0-1740533-5
					X	X	X	X		4	15	19.9	-	X	-	X	-	1/2 + 3/4	6-1740533-4
					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
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.

DIMENSIONS:
mm

MATERIAL
SEE TABLE

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 ±2°
FINISH SEE TABLE

OWN SUDHAKAR 28OCT2013
CHK SUDHAKAR 28OCT2013
APVD RA JENDRA 28OCT2013

PRODUCT SPEC
108-18750
APPLICATION SPEC
114-18996

WEIGHT -

CUSTOMER DRAWING

NAME
AMP DUOPLUG POWER FEMALE CONNECTOR 2-9 POSITION (WITH PCB LOCKING)

SIZE CAGE CODE DRAWING NO
A1 00779 C=1740533

RESTRICTED TO
-

SCALE 5:1

SHEET 3 OF 3

REV 88

4805 (3/11)