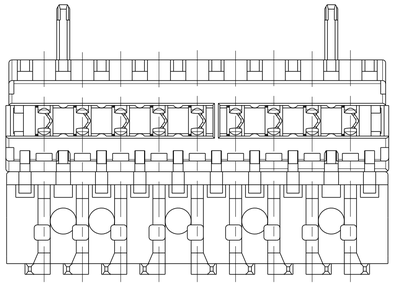
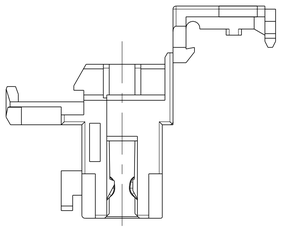
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LOC	DIST
A1	-

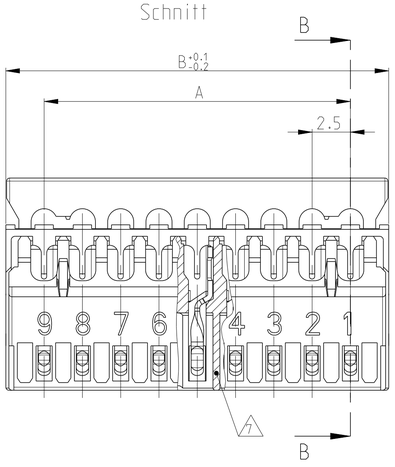
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B39	ECR-24-198569	31JAN2024	SM	FL
	B40	REVISED PER ECR-24-215449	06AUG2024	DK	FL
	B41	ECR-25-239661	11APR2025	DK	FL
	B42	ECR-25-259493	05NOV2025	DK	DC

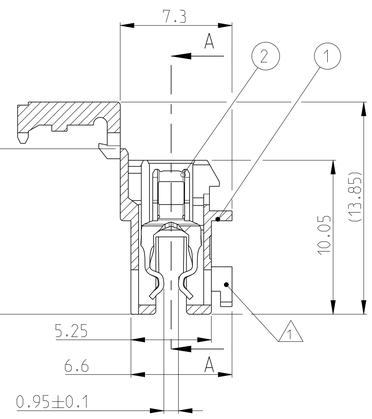




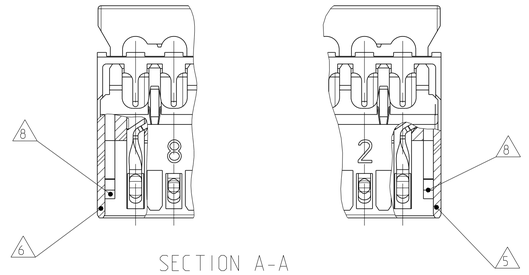
SECTION A-A
Schnitt



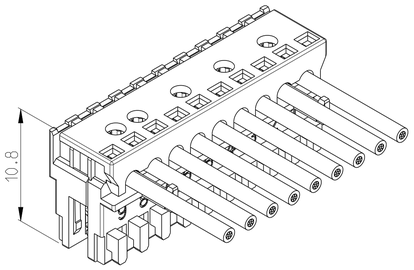
SECTION B-B
Schnitt

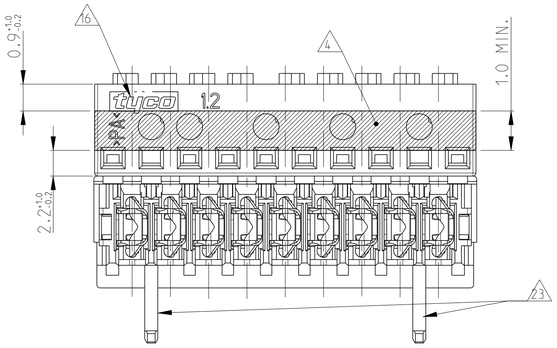


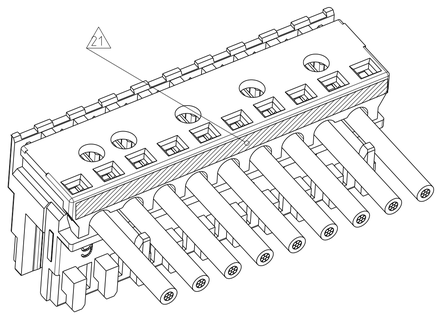
SIDE KEYING
Seitenkodierung



SECTION A-A
Schnitt







△23 CHAINING HOOKS. FOR 2 AND 3 POS. ONLY ONE CHAINING HOOK IS PRESENT (BETWEEN CAVITY No.1 AND No.2)

~~△22 P/N RELEASED WITH PENDING AGENCY APPROVAL~~

△21 STRIPE IN YELLOW COLOR WHERE SHOWN
PRESENT ON THE PARTS PRODUCED IN TE COLLEGNO ONLY

△20 OBSOLETE

△19 SPECIAL PCB LOCKING SEE SHEET 3

△18 SPECIAL PCB LOCKING SEE SHEET 3

△17 PRELIMINARY PART NOT YET RELEASED FOR PRODUCTION

△16 TE LOGO

△10-△15 SEE SHEET 2
Siehe Blatt 2

△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 COLOR STRIP ON COVER OF HOUSING. NOT THE COLOR OF HOUSING

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
Drahtgroessenbereich: 0.22-0.35mm², siehe Verarbeitungsspec. 114-18467

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

POS. Polzahl	PN Bestell-Nr.	DESCRIPTION Beschreibung	MATERIAL	COLOUR/FINISH Farbe/Oberflaeche
2	SEE TABLE siehe Tabelle	CONTACT/Kontakt	CuSn	TINNED/Verzinnt
1		HOUSING/Gehaeuse	PA 6 GF UL94V-2 △9	NATURE/natur

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.2
1 PLC ±0.2
2 PLC ±0.2
3 PLC ±-
4 PLC ±-
ANGLES ±1°

MATERIAL SEE TABLE -
FINISH - -

DWN H.Atzmann 27.10.2005
CHK B. Schnaubelt 27.10.2005
APVD T.Klenner 27.10.2005
PRODUCT SPEC 108-18785
APPLICATION SPEC 114-18467
WEIGHT -

TE Connectivity

NAME AMP DUOPLUG 2.5 MKII
FEMALE CONNECTOR 3-20 POSITION
(WITH PCB LOCKING)

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1740501	-

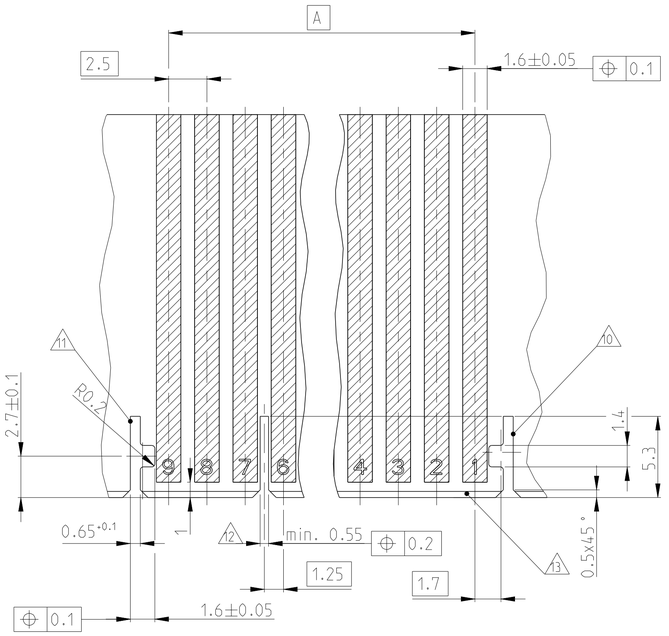
CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 3 | REV B42

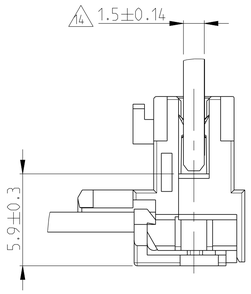
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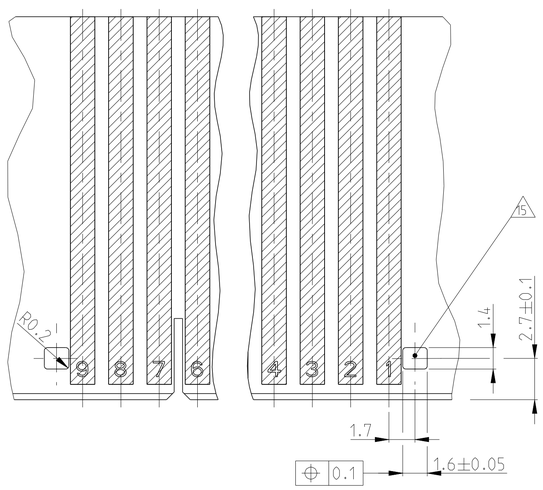
REVISIONS					
LOC	DIST	P	LTR	DESCRIPTION	DATE	DWN	APVD
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		rev_sym_2	rev_desc_2	rev_date_2	rev_dwn_2	rev_appr_2
		rev_sym_3	rev_desc_3	rev_date_3	rev_dwn_3	rev_appr_3
		rev_sym_4	rev_desc_4	rev_date_4	rev_dwn_4	rev_appr_4

PCB LAYOUT IN GENERAL
Leiterplattenanschluss allgemein

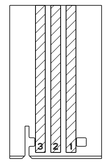
3-20 POSITION
3-20 polig



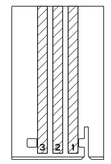




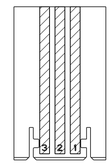
3 POSITION
3 polig



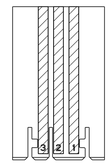
LAYOUT FOR CONNECTOR NO.
Leiterplattenanschluss fuer PN
1-1740501-3
17 2740501-3



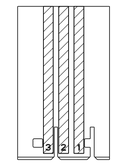
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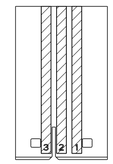
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4-1740501-3

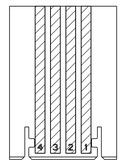


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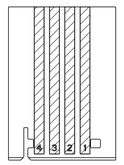


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8-1740501-3

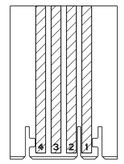
4 POSITION
4 polig



LAYOUT FOR CONNECTOR NO.
Leiterplattenanschluss fuer PN
1-1740501-4

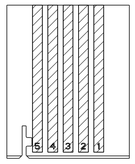


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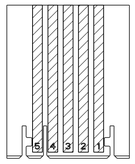


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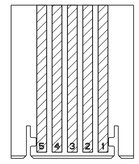
5 POSITION
5 polig



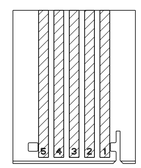
LAYOUT FOR CONNECTOR NO.
Leiterplattenanschluss fuer PN
~~1-1740501-5~~ OBSOLETE



LAYOUT FOR CONNECTOR NO.
Leiterplattenanschluss fuer PN
2-1740501-5

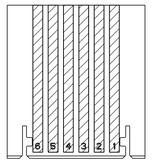


LAYOUT FOR CONNECTOR NO.
Leiterplattenanschluss fuer PN
3-1740501-5

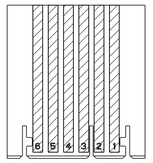


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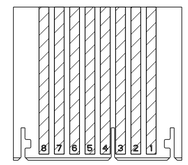
6 POSITION
6 polig



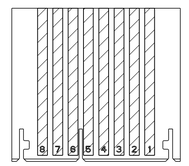
LAYOUT FOR CONNECTOR NO.
Leiterplattenanschluss fuer PN
1-1740501-6



LAYOUT FOR CONNECTOR NO.
Leiterplattenanschluss fuer PN
2-1740501-6



1-1740501-8



2-1740501-8

15 WINDOW FOR LOCKING HOOK
Fenster fuer Rasthaken

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

13 PCB TO BE PREFERABLY CHAMFERED
Leiterplatte vorzugsweise angefast

12 SLOT FOR ADDITIONAL KEYING RIB BETWEEN CAVITY NO.
Schlitz fuer zusaetzliche Kodierrippe zwischen Kammer Nr.

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

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

1 - 9 SEE SHEET 1
Siehe Blatt 1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.2
1 PLC ±0.2
2 PLC ±0.2
3 PLC ±-
4 PLC ±-
ANGLES ±1°

MATERIAL SEE TABLE -
FINISH - -

DWN H.Atzmann 27.10.2005
CHK B. Schnaubelt 27.10.2005
APVD T.Klenner 27.10.2005
PRODUCT SPEC 108-18785
APPLICATION SPEC 114-18467
WEIGHT -

TE Connectivity

NAME AMP DUOPLUG 2.5 MKII
FEMALE CONNECTOR 3-20 POSITION
(WITH PCB LOCKING)

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-1740501 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 7:1 | SHEET 2 OF 3 | REV B42

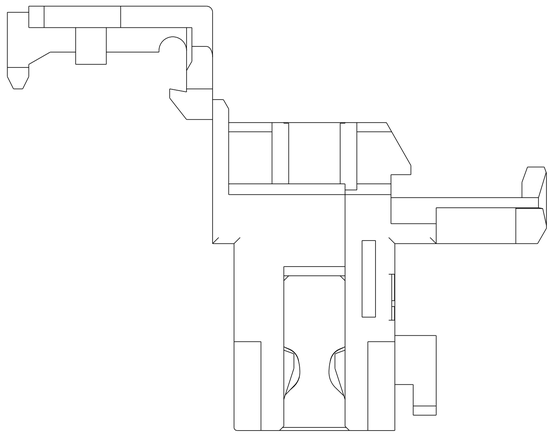
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LOC	DIST

REVISIONS

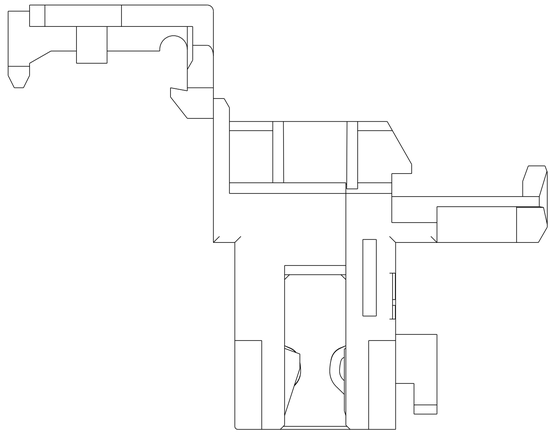
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

18 SPECIAL PCB LOCKING VERSION



10:1

19 SPECIAL PCB LOCKING VERSION

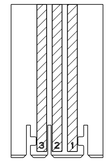


10:1

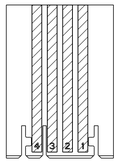
PA GF, GWEPT 750°C NO FLAME & UL94-V2, TIN PLATED VERSION

Color Code 4	POS. Polzahl	DIM "A"	DIM "B"	1 KEYING	6 KEYING	5 KEYING	19 LOCKING HOOK	18 LOCKING HOOK	8 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	2/3					X	1-1740501-0
	9	20	24.9							
	8	17.5	22.4	5/6	X	X			X	2-1740501-8
				3/4	X	X			X	1-1740501-8
				2/3	X	X			X	1740501-8
	7	15	19.9	5/6	X	X			X	17 1740501-7
	6	12.5	17.4	2/3	X	X			X	2-1740501-6
	6	12.5	17.4	-	X	X			X	1-1740501-6
	5	10	14.9	-	-	X			X	17 4-1740501-5
	5	10	14.9	-	X	X			X	3-1740501-5
	5	10	14.9	4/5	X	X			X	2-1740501-5
	5	10	14.9	-	X	-			X	~~1-1740501-5~~ 20
Green	4	7.5	12.4	3/4	-	-			X	5-1740501-4
	4	7.5	12.4	1/2	X	X			X	4-1740501-4
	4	7.5	12.4	-	X	-			X	17 3-1740501-4
	4	7.5	12.4	3/4	X	X			X	2-1740501-4
	4	7.5	12.4	-	X	X			X	1-1740501-4
	3	5.0	9.9	-	X	-			X	17 2740501-3
	3	5.0	9.9	2/3	-	-			X	8-1740501-3
	3	5.0	9.9	2/3	-	-	X		-	17 7-1740501-3
	3	5.0	9.9	2/3	-	X			X	17 9-1740501-3
	3	5.0	9.9	1/2	X	X			X	6-1740501-3
Green	3	5.0	9.9	1/2	-	-			X	17 5-1740501-3
	3	5.0	9.9	2/3	X	X			X	4-1740501-3
	3	5.0	9.9	-	X	X			X	3-1740501-3
	3	5.0	9.9	-	-	X			X	17 2-1740501-3
Red	3	5.0	9.9	-	X	-			X	1740501-3
Green	3	5.0	9.9	-	X	-			X	1-1740501-3
	2	2.5	7.4	-	-	X			X	17 1740501-2

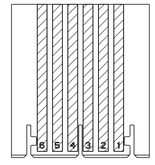
1-2421983-2



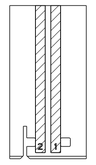
4-2421983-3



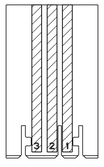
2-2421983-4



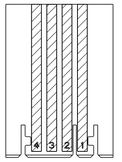
1-2421983-6



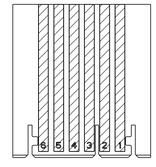
2-2421983-2



6-2421983-3



3-2421983-4



2-2421983-6

PA GF, GWEPT 750°C NO FLAME & UL94-V0, TIN PLATED VERSION

Color Code 4	POS. Polzahl	DIM "A"	DIM "B"	1 KEYING	6 KEYING	5 KEYING	19 LOCKING HOOK	18 LOCKING HOOK	8 LOCKING HOOK	PN Bestell-Nr.
	10	22.5	27.4	2/3	X	X			X	1-2421983-0
	8	17.5	17.5	5/6	X	X			X	2-2421983-8
	7	15	19.9	6/7	X	X			X	2421983-7
	6	12.5	17.4	2/3	X	X			X	2-2421983-6
	6	12.5	17.4	3/4	X	X			X	1-2421983-6
	6	12.5	17.4	5/6	-	-			X	2421983-6
	5	10	14.9	2/3	X	X			X	3-2421983-5
	4	7.5	12.4	1/2	X	X			X	3-2421983-4
	4	7.5	12.4	3/4	X	X			X	2-2421983-4
	3	5	9.9	1/2	X	X			X	6-2421983-3
	3	5	9.9	2/3	X	X			X	4-2421983-3
	2	2.5	7.4	1/2	X	-			X	2-2421983-2
	2	2.5	7.4	-	X	X			X	1-2421983-2

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.2
1 PLC ±0.2
2 PLC ±0.2
3 PLC ±
4 PLC ±
ANGLES ±1°

MATERIAL: SEE TABLE -

FINISH: - -

DWN H.Atzmann 27.10.2005
CHK B. Schnaubelt 27.10.2005
APVD T.Klenner 27.10.2005
PRODUCT SPEC 108-18785
APPLICATION SPEC 114-18467
WEIGHT -

TE Connectivity

NAME AMP DUOPLUG 2.5 MKII FEMALE CONNECTOR 3-20 POSITION (WITH PCB LOCKING)

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1740501	-

CUSTOMER DRAWING | SCALE 5:1 | SHEET 3 OF 3 | REV B42