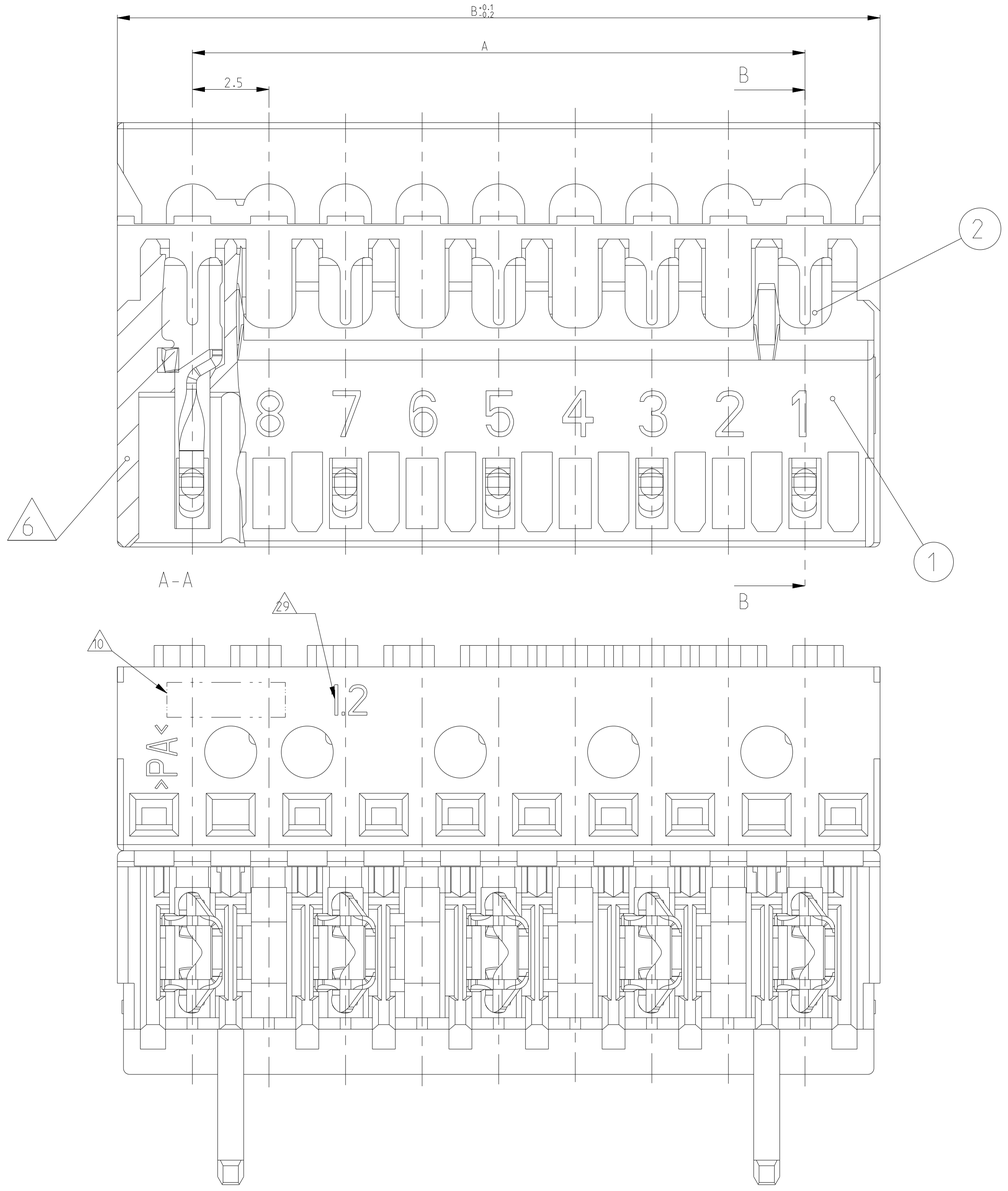
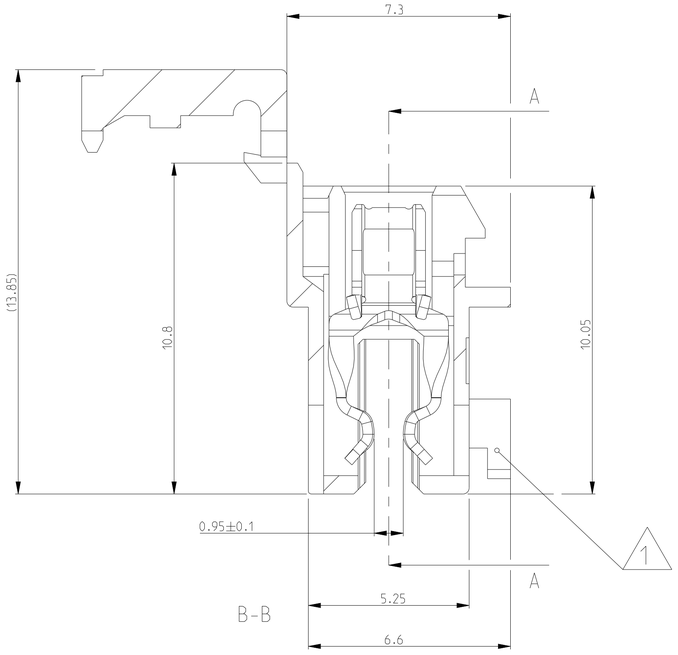
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 2001
© COPYRIGHT 2001 - ALL RIGHTS RESERVED.

LOC	DIST
A1	-

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	D76	ECR-24-220161	10SEP2024	TL	FL
	D77	ECR-24-221724	25SEP2024	TL	FL
	D78	ECR-24-225298	31OCT2024	DC	FL
	D79	ECR-24-228148	28NOV2024	DC	FL





30 P/N RELEASED WITH PARTIAL VALIDATION AND CERTIFICATION

29 CAVITY ID STARTS WITH LETTER FOR PARTS PRODUCTION IN QINGDAO PLANT, SUCH AS "A1.1"

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

27 DIMENSION AVAILABE FOR PART X-2304525-X, X-2304526-X.

26 WITH SPECIAL CHAIN FEATURE

25 SIDE KEYING ON LAST CAVITY THICKNESS=1.5mm

24 SIDE KEYING ON CAVITY 1 THICKNESS=1.5mm

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

18 SLOT. THICK. BETWEEN CAVITIES

17 KEYING. THICK. BETWEEN POSITION. THICKNESS 0.7mm

16 SLOT. SLIM. FOR SIDE KEYING. LAST CAVITY

15 SLOT. SLIM. FOR SIDE KEYING.SIDE CAVITY 1

14 SIDE KEYING. SLIM. ON LAST CAVITY. THICKNESS 0.45mm

13 SIDE KEYING. SLIM. ON CAVITY 1. THICKNESS0.45mm

12 KEYING SLIM BETWEEN POSITIONS. THICKNESS 0.45mm

11 PRELIMINARY PART NOT RELEASED FOR PRODUCTION

10 TE LOGO

9 INCLUSIVE COPPER LOADING

8 PCB PREFERABLY CHAMPHERED

7 SLOT. THICK . FOR SIDE KEYING

6 SIDE KEYING. THICK. ON LAST CAVITY. THICKNESS 0.7mm

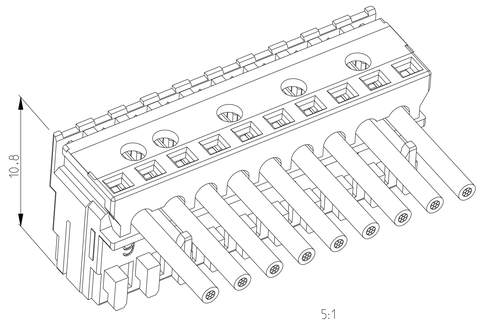
5 WIRE RANG: 0.22-0.35mm² SEE APPLICATION SPEC. 114-18467

4 IEC60695-2-11 / IEC60335-1 GLOWWIRE TEST 750°C WITHOUT FLAME

3 X..CAVITY LOADED WITH CONTACT
O..CAVITY WITHOUT CONTACT

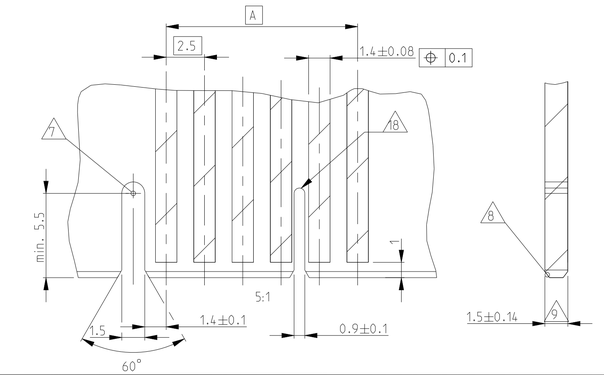
2 MATING PART: PCB (WITH FRAMES ACC. RAST 2.5 E.G. PN 964 575/576
TAB HEADER (FOR EXAMPLE: X-1971921/922-Y)

1 KEYING RIBS; CUTTING WITH TERMINATION MACHINE POSSIBLE



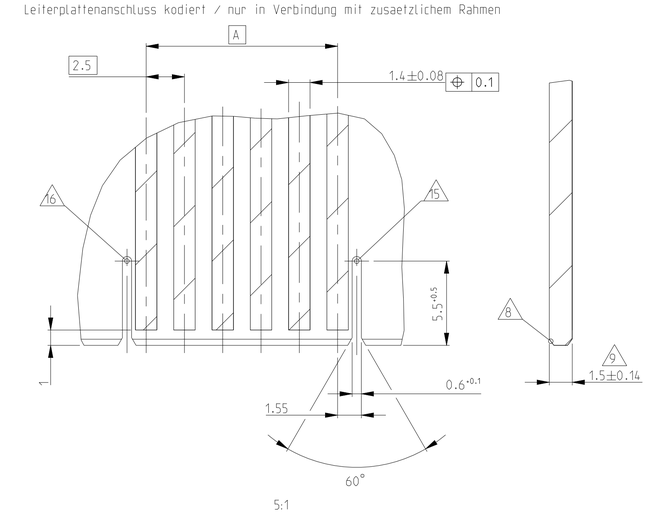
PCB LAYOUT KEYED / CONNECTED ONLY WITH ADDITIONAL FRAME (THICK KEYING)

Leiterplattenanschluss kodiert / nur in Verbindung mit zusaetzlichem Rahmen



PCB LAYOUT KEYED / CONNECTED ONLY WITH ADDITIONAL FRAME (SLIM KEYING)

Leiterplattenanschluss kodiert / nur in Verbindung mit zusaetzlichem Rahmen



OTHER NOTE SEE SHEET 3 OF 3.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN H. Karabiyik 24MAY2002	TE Connectivity
		CHK B. Schnaubelt 24MAY2002	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.2, 1 PLC ±0.2, 2 PLC ±0.2, 3 PLC ±, 4 PLC ±, ANGLES ±°	APVD T. Klenner 24MAY2002	NAME AMP DUOPLUG 2.5 MARK II FEMALE CONNECTOR 3-20 POSITION SELECTIVE LOADED
		PRODUCT SPEC 108-18785	
		APPLICATION SPEC 114-18467	SIZE A1 / CAGE CODE 00779 / DRAWING NO C-1534798 / RESTRICTED TO -
MATERIAL - -	FINISH - -	WEIGHT -	
		Customer Drawing	SCALE 5:1 / SHEET 1 OF 4 / REV D79

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 2001
© COPYRIGHT 2001 - ALL RIGHTS RESERVED.

LOC	DIST
A1	-

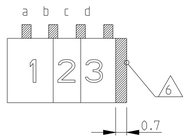
REVISIONS

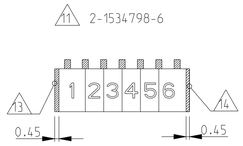
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

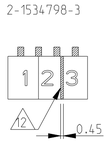
KEYING PLAN

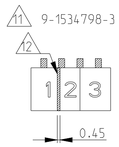
Kodierschema

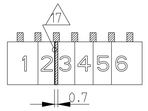
4-1534798-3

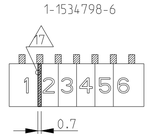




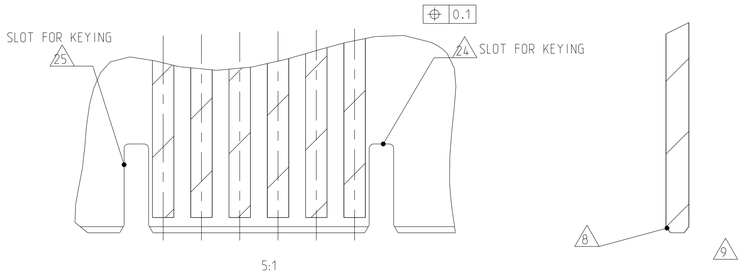








PCB LAYOUT KEYED / CONNECTED ONLY WITH ADDITIONAL FRAME (KEYING THICKNESS-1,5mm)



5:1

GWEPT 750°C NO FLAME & UL94-V2, TIN PLATED VERSION, 3P-9P																			
	X	0	X	0	0	X	X	X	9	20	24.9					-	-	-	7-1534798-9
	X	0	X	X	X	X	X	0								-	-	-	6-1534798-9
	X	0	X	X	0	X	X	0	X							-	-	-	5-1534798-9
	X	0	X	X	0	X	0	X	X							-	-	-	4-1534798-9
	X	0	X	0	X	0	X	0	X							-	-	-	3-1534798-9
		X	0	X	0	X	X	X	X	8	17.5	22.4					-	-	-	9-1534798-8
		X	X	0	X	X	X	0	X								-	-	-	8-1534798-8
		X	0	X	X	X	X	X	X								-	-	-	7-1534798-8
		X	X	X	X	X	X	0	X								-	-	-	6-1534798-8
		X	X	X	X	0	X	0	X								-	-	-	5-1534798-8
		X	X	0	0	0	X	X	X								-	-	-	4-1534798-8
		X	X	X	0	0	0	X	X								-	-	-	3-1534798-8
		X	X	0	X	0	X	X	X								-	-	-	2-1534798-8
Blue			X	0	X	0	X	0	X	7	15	19.9				2/3				7-1534798-7
Black			X	0	X	0	X	0	X								-	-	-	6-1534798-7
			X	0	X	0	0	0	X								-	-	-	5-1534798-7
			X	0	X	X	X	X	X								-	-	-	4-1534798-7 ⚠11
			X	0	X	0	X	0	X								-	-	-	3-1534798-7
Orange			X	X	0	0	X	0	X								-	-	-	1534798-7
				X	0	X	X	0	X	6	12.5	17.4				-	X	X	-	2-1534798-6
Black				X	0	X	X	0	X						1/2	-	-	-		1-1534798-6
Red				X	0	X	X	0	X						2/3	-	-	-		9-1534798-6
				X	0	X	0	X	X								-	-	-	8-1534798-6
				X	X	X	0	X	X								-	-	-	7-1534798-6
				0	X	X	X	0	X								-	-	-	~~6-1534798-6~~ OBSOLETE
				X	0	X	X	0	X								-	-	-	5-1534798-6
				X	0	X	X	0	X				X	X		3/4				2314657-6
				X	0	X	X	0	X				X	X		4/5				1-2314657-6 ⚠11
				0	0	0	X	0	X								-	-	-	~~4-1534798-6~~ OBSOLETE
				X	X	0	X	0	X								-	-	-	3-1534798-6
					X	X	0	X	X	5	10	14.9				1/2				9-1534798-5
Brown					X	0	X	0	X							4/5				8-1534798-5
					X	0	X	0	0								-	-	-	7-1534798-5
Black					X	0	X	0	X								-	-	-	6-1534798-5
					X	X	X	0	X								-	-	-	5-1534798-5
					X	0	0	0	X								-	-	-	4-1534798-5
					X	0	X	0	X								-	-	-	3-1534798-5
					X	0	X	X	X								-	-	-	2-1534798-5 ⚠11
						X	X	0	X	4	7.5	12.4					-	-	-	3-1534798-4 ⚠11
							X	0	X	3	5	9.9					-	-	X	2534798-3 ⚠11
Orange							X	0	X								-	-	-	1-1534798-3
							X	0	X						2/3	-	-	-	-	1534798-3
Orange							X	0	X							1/2	-	-	-	9-1534798-3
							X	0	X							2/3	-	-	-	2-1534798-3
Red							X	0	X								-	-	-	8-1534798-3
Green							X	0	X								-	-	-	7-1534798-3
Blue							X	0	X								-	-	-	6-1534798-3
							0	X	X								-	-	-	5-1534798-3
Violet							X	0	X								-	-	-	4-1534798-3
							X	0	X								-	-	-	3-1534798-3
	9	8	7	6	5	4	3	2	1	POS. Polzahl ⚠3	DIM A	DIM B	⚠25	⚠24	⚠17	⚠12	⚠14	⚠13	⚠6	PN Bestell-Nr.
Color Code	KAMMERBESTUECKUNG (CAVITIES LOADED)												KEYING	KEYING	KEYING	KEYING	KEYING	KEYING	KEYING	

2	SEE TABLE siehe Tabelle	CONTACT/Kontakt	CuSn	TINNED/verzinnt
1		HOUSING/Federleistengeh.	HIGH TEMP PLASTIC ⚠4	NATUR/Natur
POS.	PN Bestell-Nr.	DESCRIPTION Beschreibung	MATERIAL	COLOUR/FINISH Farbe/Oberflaeche

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 - -
FINISH - -

DWN H. Karabiyik 24MAY2002
CHK B. Schnaubelt 24MAY2002
APVD T. Klenner 24MAY2002
PRODUCT SPEC 108-18785
APPLICATION SPEC 114-18467
WEIGHT -

TE Connectivity

NAME AMP DUOPLUG 2.5 MARK II FEMALE CONNECTOR 3-20 POSITION SELECTIVE LOADED

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1534798	-

Customer Drawing | SCALE 5:1 | SHEET 2 OF 4 | REV U79

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 2001
© COPYRIGHT 2001 - ALL RIGHTS RESERVED.

LOC	DIST
A1	-

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

GWEPT 750°C NO FLAME & UL94-V2, TIN PLATED VERSION, 10P-19P

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	POS. Polzahl ③	DIM A	DIM B	⑮ KEYING	⑭ KEYING	⑰ KEYING	⑫ KEYING	⑭ KEYING	⑬ KEYING	⑥ KEYING	PN Bestell-Nr.	
		X	0	X	0	X	0	X	0	X	0	X	0	X	0	X	0	X	0	X		19	45	49.9				17/18	-	-	-	2-1534799-9	
		X	0	X	0	X	0	X	0	X	0	X	0	X	0	X	0	X	0	X		19	45	49.9				-	-	-	-	1-1534799-9	
				X	0	X	0	X	0	X	0	X	0	X	0	X	0	X	0	X		17	40	44.9				8/9				1534799-7	
						X	0	X	0	X	0	X	0	X	0	X	0	X	0	X		15	35	39.9				-	-	-	-	1-1534799-5	
								X	X	0	0	0	X	X	X	X	X	X	X	X		13	30	34.9					-	-	-	4-1534799-3 ⑪	
								X	0	X	0	X	0	X	0	X	0	X	0	X									-	-	-	3-1534799-3	
									X	X	X	X	0	X	0	X	0	X	0	X		12	27.5	32.4								1-1534799-2	
									X	X	X	X	0	X	0	X	0	X	0	X								8/9				2-1534799-2	
Black										X	0	X	0	0	0	X	0	X	0	X		11	25	29.9					-	-	-	5-1534799-1	
										X	0	X	X	X	X	X	X	0	X	X									-	-	-	4-1534799-1	
										X	0	X	0	X	0	X	0	X	0	X									-	-	-	3-1534799-1	
										X	0	X	0	X	0	0	0	X	X	X									-	-	-	2-1534799-1	
											X	0	X	0	X	0	X	0	0	X		10	22.5	27.4					-	-	-	5-1534798-0	
											X	0	X	X	0	X	0	X	0	X												4-1534798-0 ⑪	
											X	0	X	0	X	0	X	X	0	X									-	-	-	~~3-1534798-0~~	OBSOLETE
											X	X	X	0	X	0	X	0	X	X									-	-	-	2-1534798-0	
Color Code	KAMMERBESTUECKUNG (CAVITIES LOADED)																															

POS.	PN Bestell-Nr.	DESCRIPTION Beschreibung	MATERIAL	COLOUR/FINISH Farbe/Oberflaeche
2	SEE TABLE siehe Tabelle	CONTACT/Kontakt	CuSn	TINNED/verzinnt
1		HOUSING/Federleistengeh.	HIGH TEMP PLASTIC ④	NATUR/Natur

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

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	POS. Polzahl ③	DIM A	DIM B	⑮ KEYING	⑭ KEYING	⑰ KEYING	⑫ KEYING	⑭ KEYING	⑬ KEYING	⑥ KEYING	PN Bestell-Nr.
BLUE								X	0	X	X	X	X	X	X	X	X	X	X	X	13	30	34.9			2/3		-	-	-	5-1534799-3
										X	X	X	0	X	0	X	0	X	0	X	11	25	29.9					-	-	-	
										X	X	X	0	X	0	X	0	X	0	X							9/10	-	-	-	6-1534799-1
BLUE											X	0	X	X	0	X	0	X	0	X	10	22.5	27.4					-	-	-	6-1534798-0
																					7	15	19.9					-	-	-	
GREEN														X	X	X	0	X	0	X								-	-	-	8-1534798-7
																					6	12.5	17.4								
RED															X	0	X	X	0	X							2/3	-	-	-	2-2314657-6
Color Code	KAMMERBESTUECKUNG (CAVITIES LOADED)																															

POS.	PN Bestell-Nr.	DESCRIPTION Beschreibung	MATERIAL	COLOUR/FINISH Farbe/Oberflaeche
2	SEE TABLE siehe Tabelle	CONTACT/Kontakt	CuSn	TINNED/verzinnt
1		HOUSING/Federleistengeh.	HIGH TEMP PLASTIC ④	NATUR/Natur

THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN H. Karabiyik 24MAY2002	TE Connectivity	
DIMENSIONS: mm	CHK B. Schnaubelt 24MAY2002	NAME	AMP DUOPLUG 2.5 MARK II FEMALE CONNECTOR 3-20 POSITION SELECTIVE LOADED
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.2, 1 PLC ±0.2, 2 PLC ±0.2, 3 PLC ±, 4 PLC ±, ANGLES ±1°	APVD T. Klenner 24MAY2002	PRODUCT SPEC 108-18785	
		APPLICATION SPEC 114-18467	SIZE A1 · CAGE CODE 00779 · DRAWING NO C-1534798 · RESTRICTED TO -
MATERIAL - -	FINISH - -	WEIGHT -	
		Customer Drawing	SCALE 5:1 · SHEET 3 OF 4 · REV U79

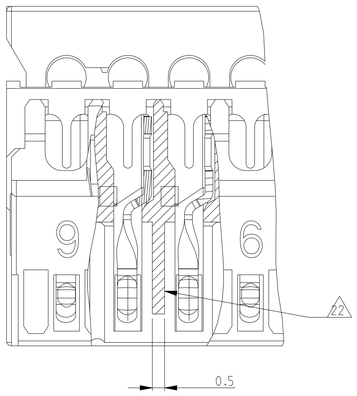
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 2001
© COPYRIGHT 2001 - ALL RIGHTS RESERVED.

LOC	DIST

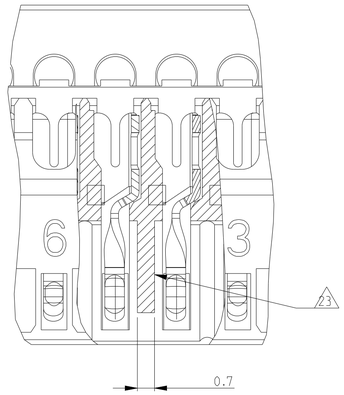
REVISIONS

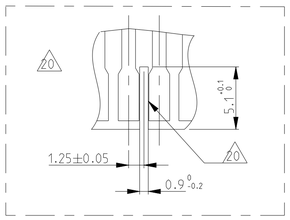
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

KEYING △22



KEYING △23





△23 KEYING. SPECIAL THICK. BETWEEN POSITION. THICKNESS 0.7mm
△22 KEYING. SPECIAL THIN. BETWEEN POSITION. THICKNESS 0.5mm
△21 SLOT FOR KEYING SPECIAL. BETWEEN POSITION
△20 RECOMMENDED PCB CUTOFF DIMENSION FOR THE PN X-2304527-Y AND X-2304528-Y

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

Color Code	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	POS. Polzahl	DIM A	DIM B	△12 KEYING	△17 KEYING	△23 KEYING	△22 KEYING	PN △26 Bestell-Nr.	
	KAMMERBESTUECKUNG (CAVITIES LOADED) △3																												
																	X	0	X		13	30	34.9			-	2/3	1-2304528-3	
Blue																	X	0	X									2304528-3	
																	X	X	0	X	12	27.5	32.4					2304528-2	△11
																	X	X	0	X	11	25	29.9			-	-	3-2304528-1	
																	X	0	X	X								2-2304528-1	
Orange																	X	0	X	X						-	-	1-2304528-1	
Green																	X	0	X	X						-	-	2304528-1	
																	X	X	0	X	10	22.5	27.4					2-2304528-0	
																	X	0	X	X								1-2304528-0	
GREEN																	X	0	X	X	9	20	24.9				1/2	4-2304527-9	
																	X	0	X	X								3-2304527-9	
																	X	0	X	X								2-2304527-9	
Black																	X	X	0	X						-	2/3	1-2304527-9	
Blue																	X	X	X	X						-	2/3	2304527-9	
Green																			X	X	7	15	19.9					6-2304527-7	
																			X	X								4-2304527-7	
																			X	X								3-2304527-7	
Black																			X	X						-	2/3	2-2304527-7	
Green																			X	X						-	-	1-2304527-7	
Blue																			X	X						-	-	2304527-7	
Black																			X	X	6	12.5	17.4				1/2	8-2304527-6	
Red																			X	X						-	2/3	7-2304527-6	
Red																			X	X								6-2304527-6	
Black																			X	X								5-2304527-6	
Green																			X	X								4-2304527-6	
																			0	X								3-2304527-6	
																			X	X								2-2304527-6	
Blue																			X	X						-	-	1-2304527-6	
Red																			X	X						-	-	2304527-6	
Green																				X	5	10	14.9				3/4	7-2304527-5	
Orange																				X							2/3	6-2304527-5	
Red																				X								4-2304527-5	
Red																				X				3/4				3-2304527-5	
																				X								2-2304527-5	
																				X						-	-	1-2304527-5	
Green																				X						-	-	2304527-5	
Black																				X	4	7.5	12.4			-	3/4	2304527-4	
Black																				X	3	5	9.9	1/2				2496527-3	△30
Green																				X								9-2304527-3	
Red																				X				2/3				8-2304527-3	
Red																				X				1/2				7-2304527-3	
																				X				2/3				6-2304527-3	
Blue																				X								5-2304527-3	
																				X								4-2304527-3	
Black																				X				1/2		-		3-2304527-3	
Red																				X				2/3		-		2-2304527-3	
Brown																				X						-		1-2304527-3	
Orange																				X						-		2304527-3	

POS.	PN Bestell-Nr.	DESCRIPTION Beschreibung	MATERIAL	COLOUR/FINISH Farbe/Oberflaeche
2	SEE TABLE siehe Tabelle	CONTACT/Kontakt	CuSn	TINNED/verzinnt
1 △4		HOUSING/Federleistengeh.	HIGH TEMP PLASTIC	NATUR/Natur

GWEPT 750°C NO FLAME & UL94-V0, SILVER PLATED VERSION

Color Code	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	POS. Polzahl	DIM A	DIM B	△12 KEYING	△17 KEYING	△23 KEYING	△22 KEYING	PN △26 Bestell-Nr.	
	KAMMERBESTUECKUNG (CAVITIES LOADED) △3																												
Blue																	X	0	X		3	5	9.9					5-2369989-3	△11
																	X	0	X									4-2369989-3	△11

POS.	PN Bestell-Nr.	DESCRIPTION Beschreibung	MATERIAL	COLOUR/FINISH Farbe/Oberflaeche
2	SEE TABLE siehe Tabelle	CONTACT/Kontakt	CuSn	SILVERED
1 △4		HOUSING/Federleistengeh.	HIGH TEMP PLASTIC	NATUR/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 - -
FINISH - -

DWN H. Karabiyik 24MAY2002
CHK R. Schnaubelt 24MAY2002
APVD T. Klenner 24MAY2002
PRODUCT SPEC 108-18785
APPLICATION SPEC 114-18467
WEIGHT -

TE Connectivity

NAME AMP DUOPLUG 2.5 MARK II
FEMALE CONNECTOR 3-20 POSITION
SELECTIVE LOADED

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-1534798 | RESTRICTED TO -

Customer Drawing | SCALE 10:1 | SHEET 3 OF 3 | REV U79