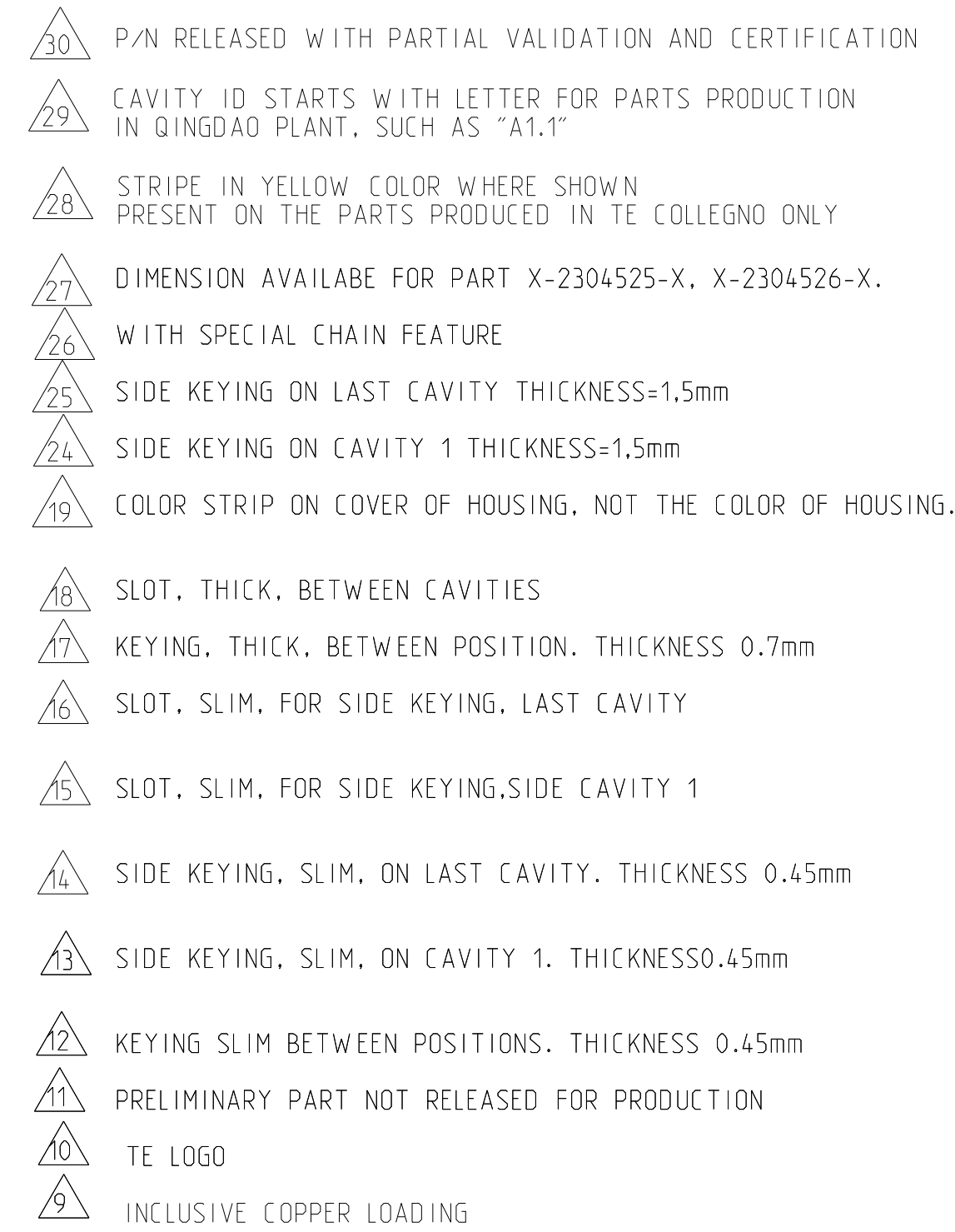
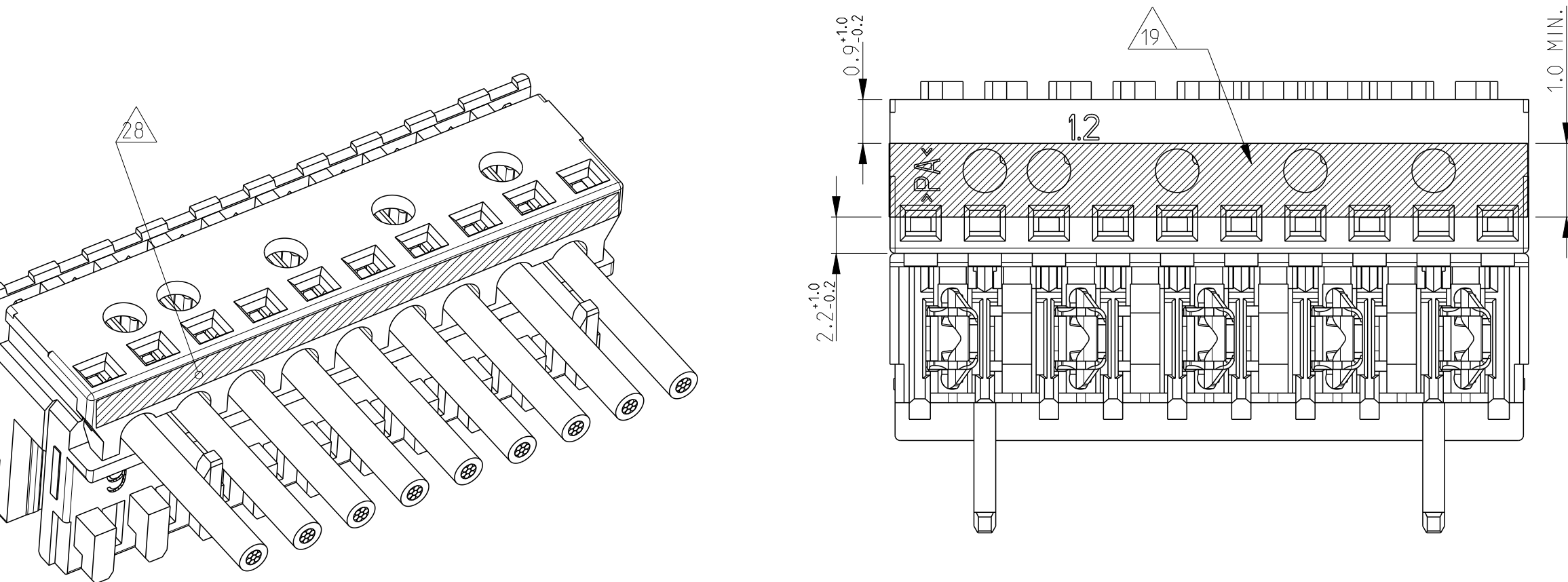




5 WIRE RANG: 0.22-0.35mm² SEE APPLICATION SPEC. 114-18467

4 IEC60695-2-11 / IEC60335-1 GLOW WIRE 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

Technical drawing of a mechanical part, showing a top view and a side view.

Top View Dimensions:

- Overall width: A
- Distance from left edge to center: 2.5
- Distance from center to right edge: 1.4 ± 0.08
- Radius of the circular top: R
- Width of the central rectangular area: 1.55
- Width of the base: 0.6 ± 0.1
- Angle of the base: 60°

Side View Dimensions:

- Height of the part: 5.5 ± 0.5
- Width of the base: 1.5 ± 0.14

Feature Callouts:

- 15: Top surface of the central rectangular area.
- 16: Top surface of the circular part.
- 8: Bottom surface of the central rectangular area.
- 9: Bottom surface of the circular part.

OTHER NOTE SEE SHEET 3 OF 3.

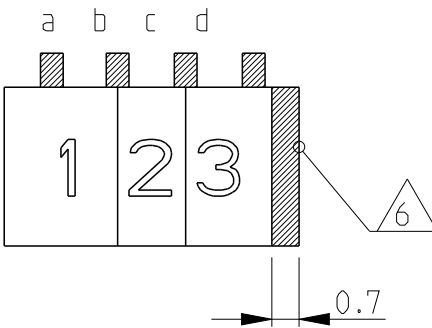
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG 24MAY2002 H. Karabyik CHK 24MAY2002 B. Schnaubel APVD 24MAY2002 T. Klenner		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.2 1 PLC ±0.2 2 PLC ±0.2 3 PLC ±0.2 4 PLC ±0.2 ANGLES ±°		NAME AMP DUOPUGL 2.5 MARK II FEMALE CONNECTOR 3-20 POSITION SELECTIVE LOADED	
		PRODUCT SPEC 108-18785 APPLICATION SPEC 114-18467		SIZE A 1	
MATERIAL -		FINISH -		CAGE CODE 00779	
WEIGHT -		DRAWING NO C=1534798		RESTRICTED TO -	
Customer Drawing				SCALE 10:1 SHEET 1 OF 4 REV. 081	

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

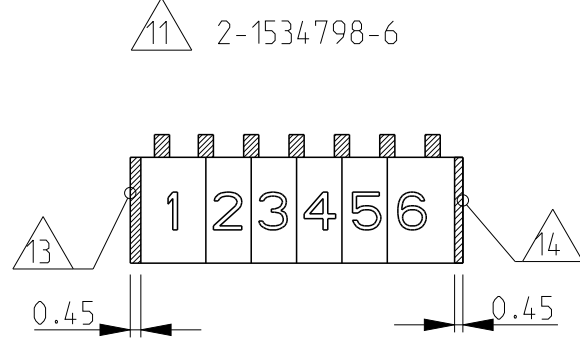
KEYING PLAN

Kodierschema

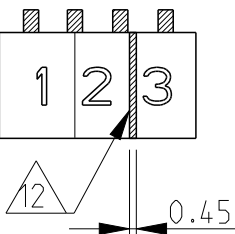
4-1534798-3



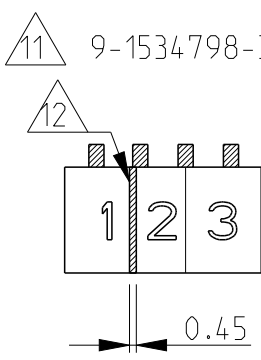
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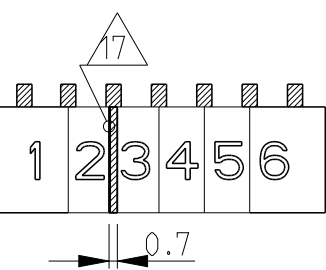
2-1534798-3



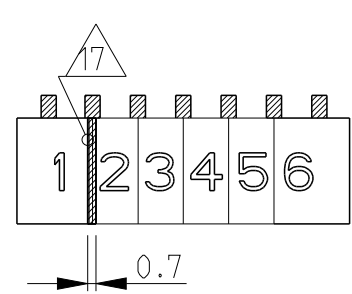
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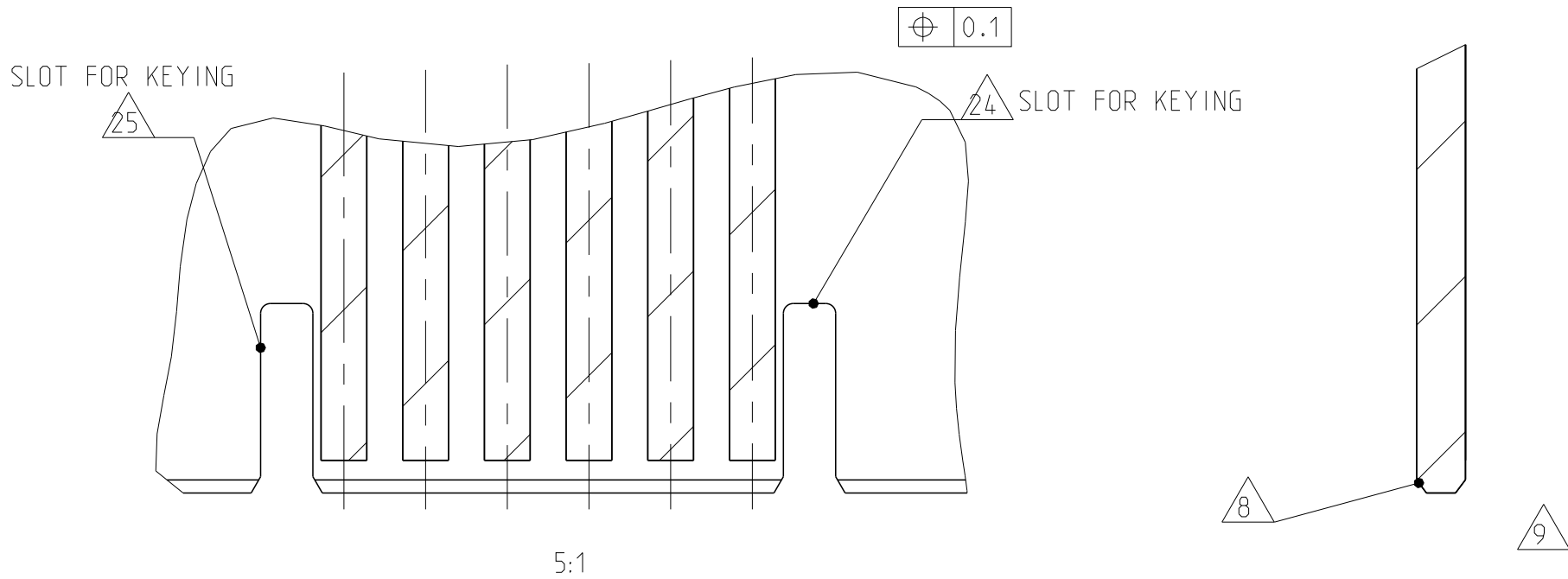
9-1534798-6



1-1534798-6



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



GWEPT 750°C NO FLAME & UL94-V2, TIN PLATED VERSION, 3P-9P																						
	X	0	X	0	0	X	X	X	X	9	20	24.9					-	-	-	7-1534798-9		
	X	0	X	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
			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	
				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	
				0	0	0	X	0	X									-	-	-	4-1534798-6	
				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	
					X	X	0	X	X	4	7.5	12.4					-	-	-	3-1534798-4		
								X	0	3	5	9.9					-	-	X	2534798-3		
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					-	-	X	4-1534798-3	
								X	0	X					-	-	-	3-1534798-3				
	9	8	7	6	5	4	3	2	1	POS. Polzahl	DIM A	DIM B								PN Bestell-Nr.		
Color Code	KAMMERBESTUECKUNG (CAVITIES LOADED)												KEYING	KEYING	KEYING	KEYING	KEYING	KEYING	KEYING			

2

1

SEE TABLE
siehe Tabelle

POS.

PN
Bestell-Nr.

CONTACT/Kontakt

HOUSING/Federleistengeh.

CuSn

HIGH TEMP PLASTIC

TINNED/verzinkt

NATUR/Natur

COLOUR/FINISH

Farbe/Oberflaeche

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±0.2
1 PLC ±0.2
2 PLC ±0.2
3 PLC ±
4 PLC ±
ANGLES ±°

FINISH
-

DWN
H. Karabiyik
CHK
B. Schnaubelt
APVD
T. Klenner

24MAY2002
24MAY2002

PRODUCT SPEC
108-18785
APPLICATION SPEC
116-18467

WEIGHT
-

Customer Drawing

NAME

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

SIZE
A1

CAGE CODE
00779

DRAWING NO
©=1534798

RESTRICTED TO
-

TE Connectivity

SCALE 10:1

SHEET 2 OF 4

REV 081

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

D

C

B

A

D

C

B

A

GWEPT 750°C NO FLAME & UL94-V2, TIN PLATED VERSION, 10P-19P																																	
		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	13	30	34.9				-	-	-	-	4-1534799-3		
										X	0	0	X	0	X	0	X	0	X	0	13	30	34.9				-	-	-	-	3-1534799-3		
										X	X	X	X	0	X	0	X	0	X	0	12	27.5	32.4								1-1534799-2		
										X	X	X	X	0	X	0	X	0	X	0	12	27.5	32.4				8/9				2-1534799-2		
Black											X	X	X	X	X	0	0	X	X	X	11	25	29.9					-	-	-	8-1534799-1		
										X	X	X	X	0	0	X	X	X	X								-	-	-	7-1534799-1			
										X	0	X	0	0	0	X	0	X	0	X								-	-	-	5-1534799-4		
										X	0	X	X	X	X	X	X	0	X	X								-	-	-	4-1534799-4		
											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	
											X	0	X	0	X	0	X	X	0	X								-	-	-	-	3-1534798-0	
											X	X	X	0	X	0	X	0	X	X								-	-	-	-	2-1534798-0	
	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								PN Bestell-Nr.		
Color Code	KAMMERBESTUECKUNG (CAVITIES LOADED)																																

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

obsolete
obsolete

OBSOLETE

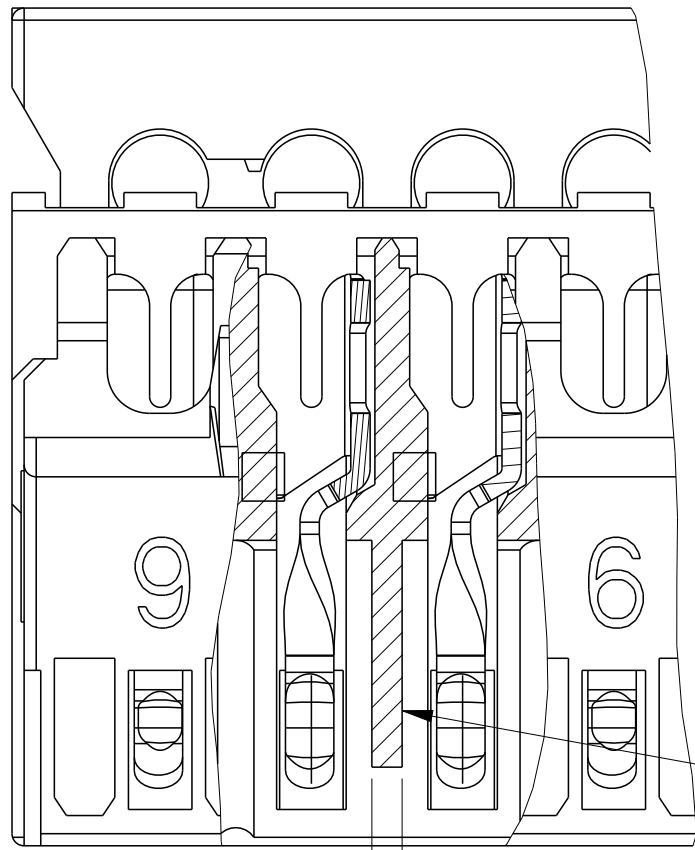
GWEPT 750°C NO FLAME & UL94-V2, TIN PLATED VERSION																																															
									X	0	X	X	X	X	X	X	X	X	X	X	13	30	34.9				2/3		-	-	-																
BLUE									X	0	X	X	X	X	X	X	X	X	X	X							2/3		-	-	-	5-1534799-3															
											X	X	X	0	X	0	X	0	X	0	11	25	29.9				9/10		-	-	-	6-1534799-1															
												X	0	X	X	0	X	0	X	0	10	22.5	27.4						-	-	-																
BLUE												X	0	X	X	0	X	0	X	0									-	-	-	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												
	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	25 KEYING	24 KEYING	17 KEYING	12 KEYING	14 KEYING	13 KEYING	6 KEYING	PN Bestell-Nr.																
Color Code	KAMMERBESTUECKUNG (CAVITIES LOADED)																																														

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN H. Karabiyik 24MAY2002 CHK B. Schnaubel 24MAY2002 APVD T. Klenner 24MAY2002		 TE Connectivity			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	AMP DUOPLUG 2.5 MARK II FEMALE CONNECTOR 3-20 POSITION SELECTIVE LOADED		
	0 PLC ±0.2	PRODUCT SPEC					
	1 PLC ±0.2	108-18785					
	2 PLC ±0.2	APPLICATION SPEC					
	3 PLC ±	116-18467		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
MATERIAL	FINISH	WEIGHT		A1	00779	©=1534798	-
Customer Drawing				SCALE	10:1	SHEET 3 of 4	REV 081

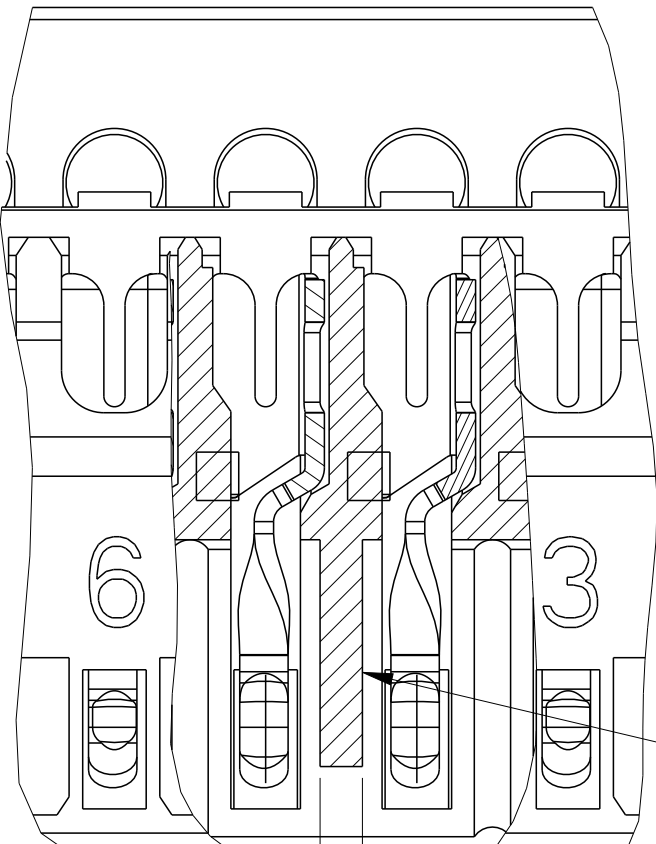
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
				SEE SHEET 1			

KEYING

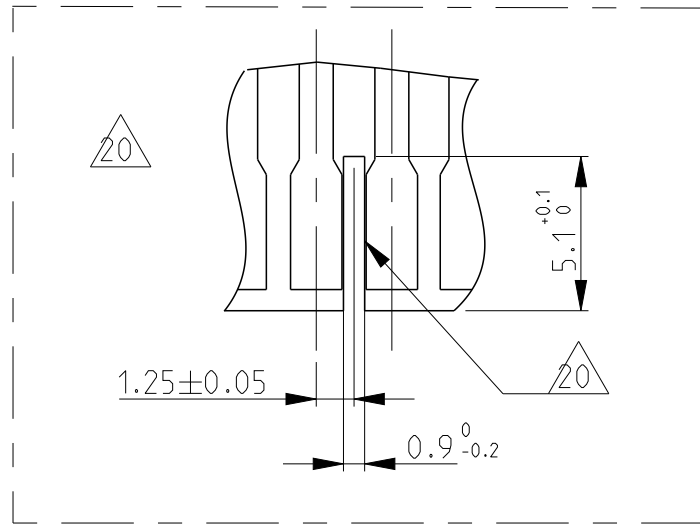


0.5

KEYING



0.7



- KEYING. SPECIAL THICK. BETWEEN POSITION. THICKNESS 0.7mm
- KEYING. SPECIAL THIN. BETWEEN POSITION. THICKNESS 0.5mm
- SLOT FOR KEYING SPECIAL. BETWEEN POSITION
- 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																																					
									X	0	X	0	X	0	X	0	X	0	X	0	X	0	X	0	X	0	X	13	30	34.9						4-2304528-3	obsolete
Blue									X	0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								-	2/3	2304528-3	
										X	X	0	X	0	X	0	X	0	X	0	X	0	X	0	X	0	12	27.5	32.4						2304528-2		
											X	X	X	0	X	0	X	0	X	0	X	0	X	0	X	11	25	29.9				-	-	3-2304528-1			
											X	0	X	0	X	0	0	0	X	X	X	X									-	-	2-2304528-1				
Orange											X	0	X	0	X	0	X	0	X	X	X	X									-	-	1-2304528-1				
Green											X	0	X	0	X	0	X	0	X	0	X	0	X									-	-	2304528-1			
												X	X	X	0	X	0	X	0	X	0	X	0	X	0	10	22.5	27.4						2-2304528-0	obsolete		
												X	0	X	0	X	0	X	0	0	0	X	0	X									4-2304528-0				
GREEN													X	0	X	0	X	0	X	0	X	0	X	0	X	9	20	24.9					1/2	4-2304527-9	obsolete		
													X	0	X	0	X	0	X	0	X	0	X	0	X									3-2304527-9			
													X	0	X	X	0	X	X	0	X	0	X	0	X									2-2304527-9			
Black													X	X	0	X	0	X	X	0	X	X	0	X	0							-	2/3	1-2304527-9			
Blue													X	X	X	X	X	X	0	X	X	0	X	X	0							-	2/3	2304527-9			
Green														X	X	X	0	X	0	X	0	X	0	X	0	7	15	19.9							6-2304527-7	obsolete	
															X	0	X	0	X	0	X	0	X	0											4-2304527-7		
																X	X	0	X	X	X	0	X	0											3-2304527-7		
Black																X	X	X	0	X	0	X	0	X	0							-	2/3	2-2304527-7			
Green																X	0	X	0	X	0	X	0	X	0							-	-	4-2304527-7			
Blue																X	0	X	0	X	0	X	0	X	0							-	-	2304527-7	obsolete		
Black																X	0	X	X	0	X	0	X	0	X	6	12.5	17.4					1/2	8-2304527-6	obsolete		
Red																X	0	X	X	0	X	0	X	0	X							-	2/3	7-2304527-6			
Red																	X	X	0	X	0	X	0	X	0									6-2304527-6			
Black																	X	0	X	X	0	X	0	X	0									5-2304527-6			
Green																	X	X	0	X	0	X	0	X	0									4-2304527-6			
																		0	0	X	X	X	X	X	0									3-2304527-6	obsolete		
																		X	0	X	X	0	X	0	X										2-2304527-6		
																		X	0	X	X	0	X	0	X							-	-	1-2304527-6	obsolete		
Blue																		X	0	X	0	X	0	X	0											4-2304527-6	
Red																		X	0	X	X	0	X	0	X							-	-				2304527-6
Green																		X	0	X	0	X	0	X	0												7-2304527-5
Orange																		X	0	X	0	X	0	X	0							2/3	6-2304527-5				
Red																		X	X	X	0	X	0	X	0										4-2304527-5	obsolete	
Red																		X	0	0	0	0	X	0	X				3/4					3-2304527-5			
																		X	0	0	0	0	X	0	X										2-2304527-5		
																		X	0	X	0	X	0	X	0							-	-	1-2304527-5			
Green																		X	0	X	0	X	0	X	0							-	-	2304527-5			
Black																			X	X	0	0			4	7.5	12.4					-	3/4	2304527-4	obsolete		
Black																				X	0	X			3	5	9.9			1/2						2496527-3	
Green																				X	0	X														9-2304527-3	
Red																				X	0	X							2/3							8-2304527-3	
Red																				X	0	X							1/2							7-2304527-3	
																				X	0	X							2/3						6-2304527-3	obsolete	
																				X	0	X													5-2304527-3		
Blue																				X	0	X													4-2304527-3		
																				X	0	X															3-2304527-3
Black																				X	0	X											1/2	-			2-2304527-3
Red																				X	0	X										2/3	-			1-2304527-3	obsolete
Brown																				X	0	X											-	-		1-2304527-3	
Orange																				X	0	X											-	-		2304527-3	
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					PN Bestell-Nr.									
KAMMERBESTUECKUNG (CAVITIES LOADED)																																					

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN H. Karabiyik 24MAY2002	TE Connectivity	
DIMENSIONS: mm		CHK B. Schnaubelt 24MAY2002		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD T. Klenner 24MAY2002	NAME AMP DUOPLUG 2.5 MARK II FEMALE CONNECTOR 3-20 POSITION SELECTIVE LOADED	
		PRODUCT SPEC 108-18785		
MATERIAL -		APPLICATION SPEC 116-18467	SIZE A 1 CASE CODE 00779 ©=1534 798	
-		FINISH -		
Customer Drawing			WEIGHT -	RESTRICTED TO -
			SCALE 10:1	SHEET 3 OF 3