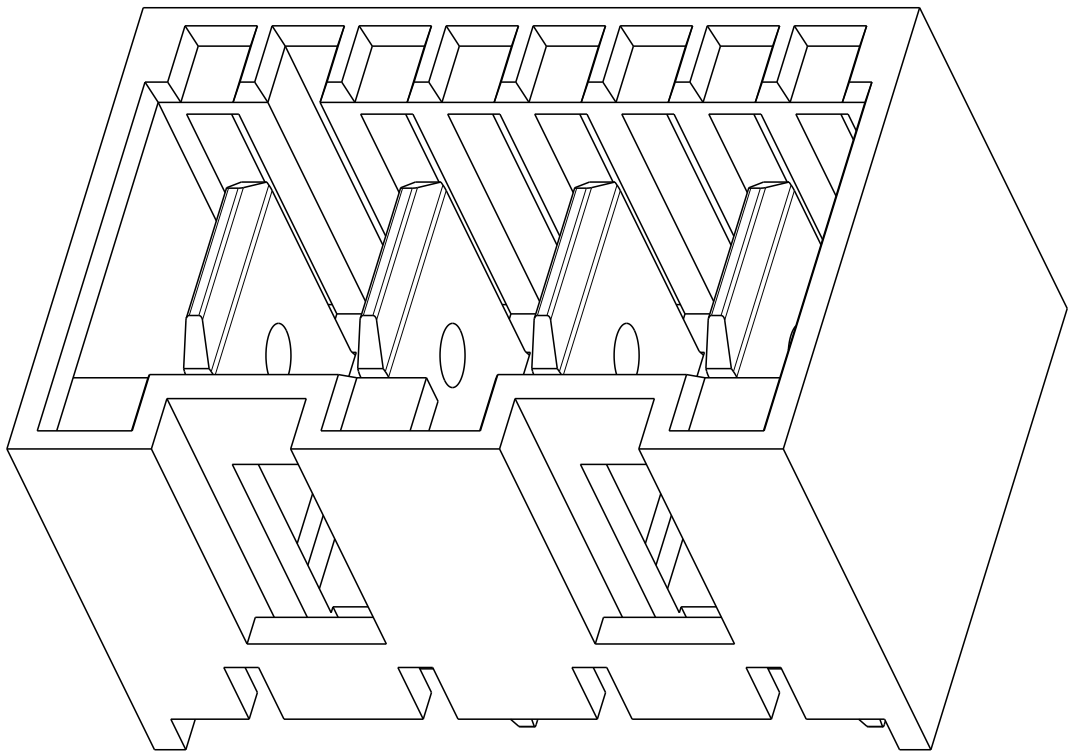
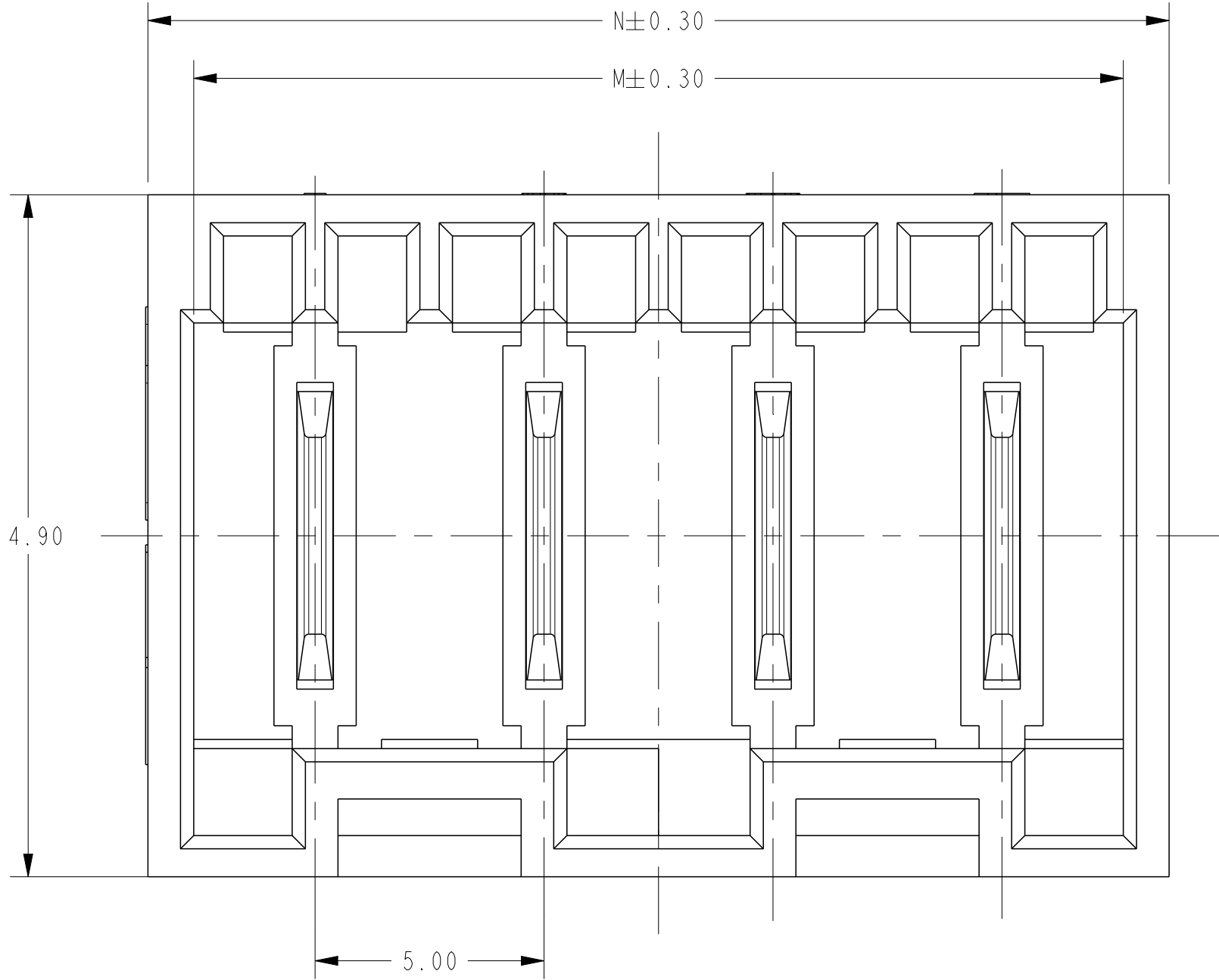
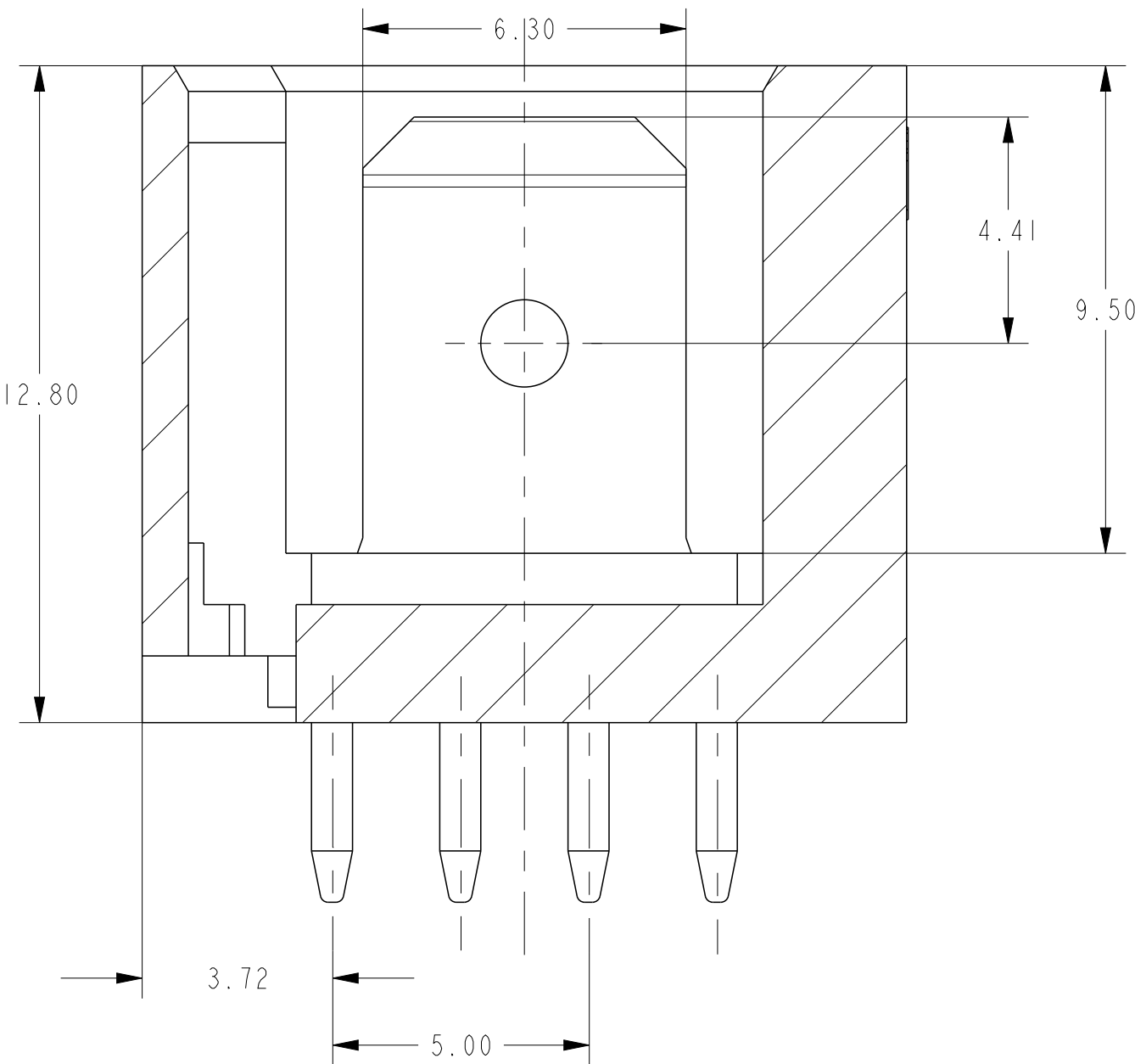
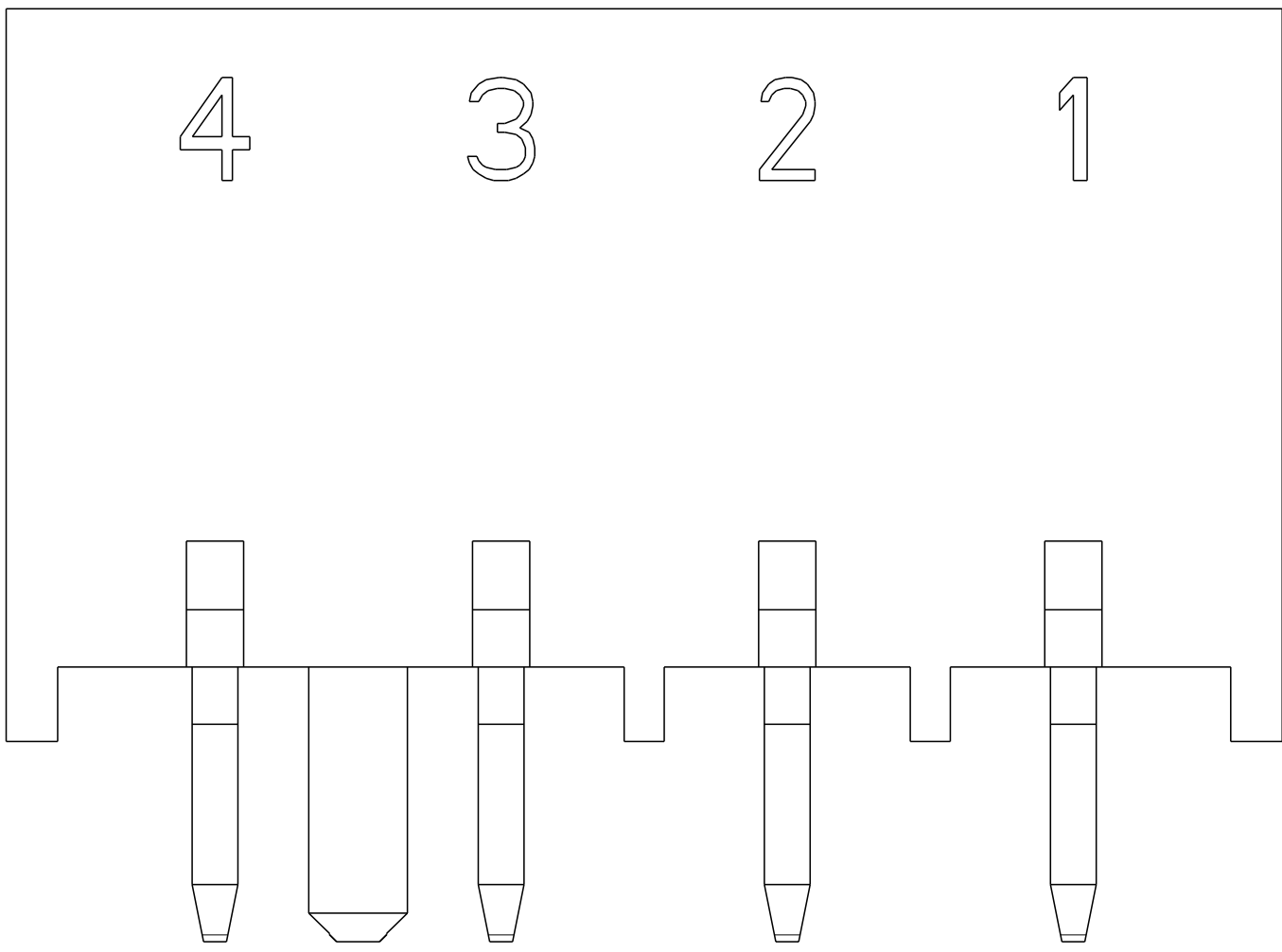
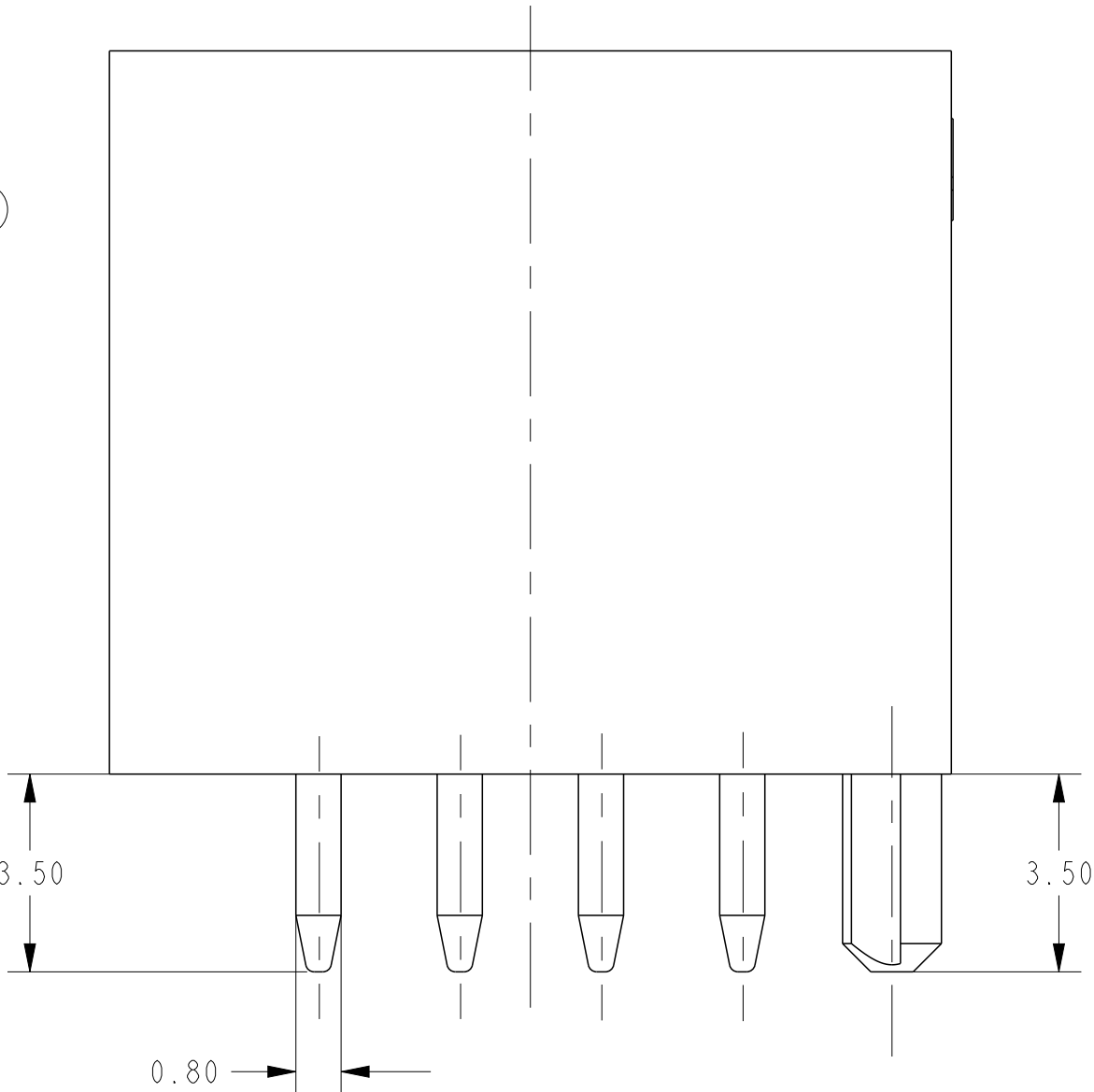
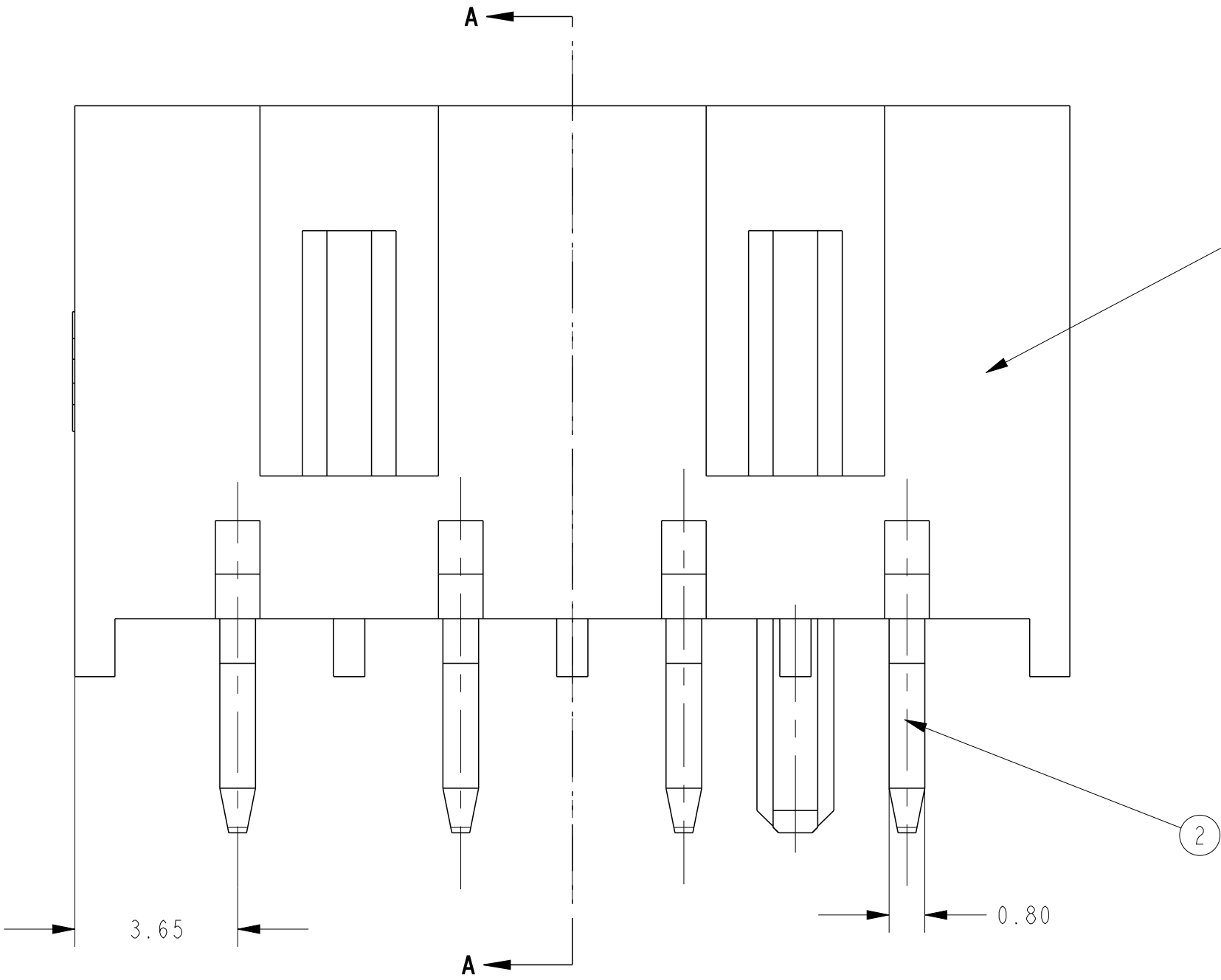




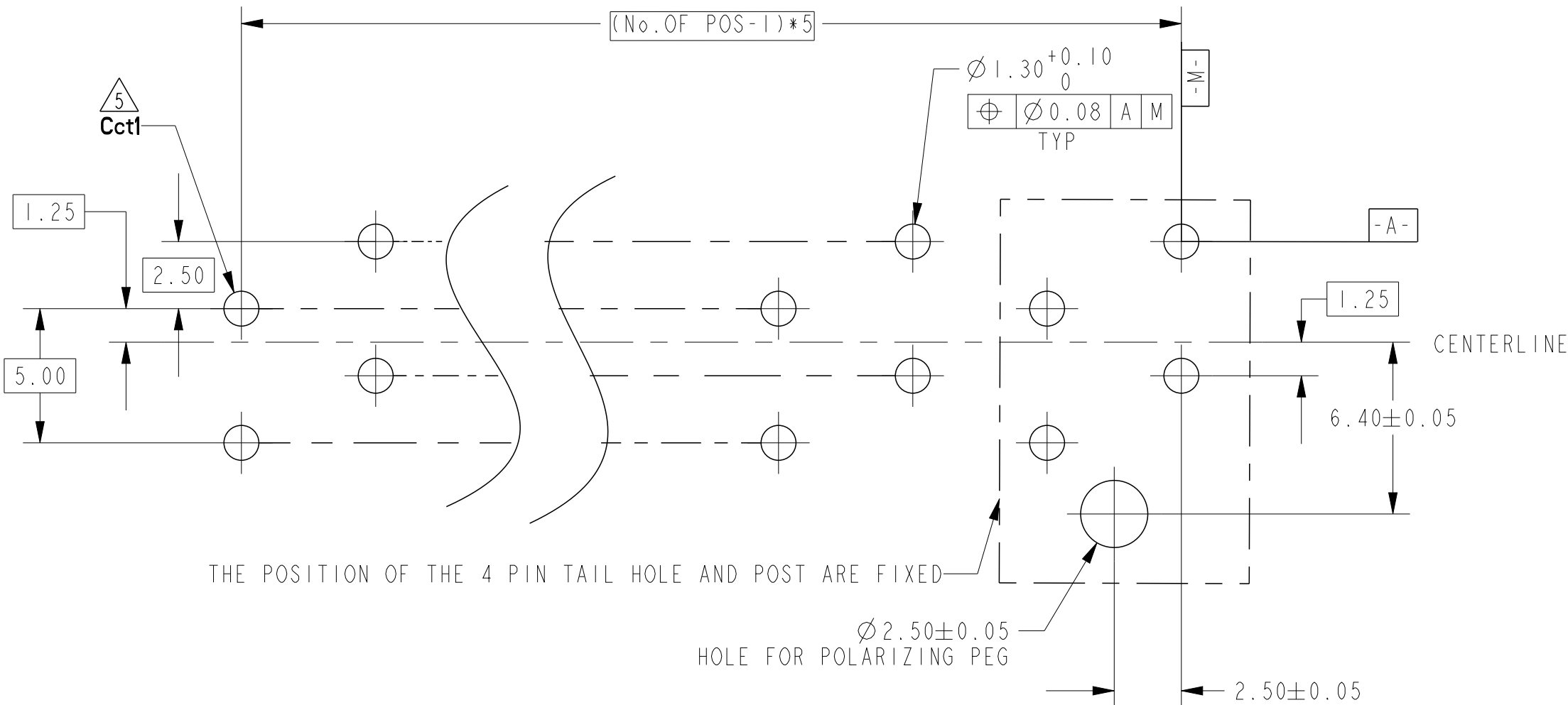
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ES		00		P	LYR	DESCRIPTION	DATE	DWN	APVD	
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					A13	ECR-15-007260	19MAY2015	WW	RR	
					A14	ECR-15-008261	5JUN2015	KD	RR	
					A15	ECR-15-009807	30JUN2015	WW	RR	

NOTE

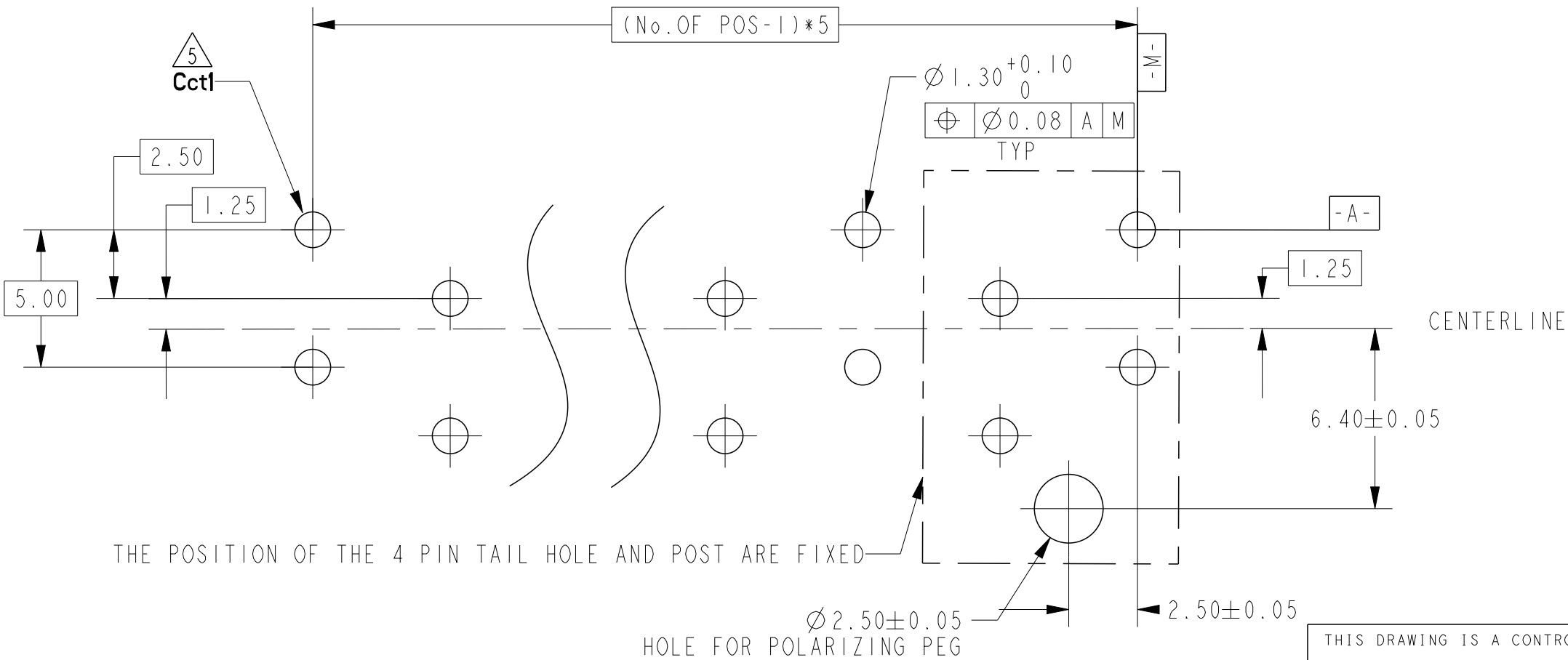
- 1 HOUSING HAS RAST 5 COMPLIANT KEYING, LATCHING, AND POLARIZATION
TAB IS 6.30 X 0.8 ACCORDING TO DIN 46244
- 2 SEE SHEET 2 FOR AVAILABLE CONFIGURATIONS
- 3 MATERIAL: HOUSING, NYLON, UL94 V0, 750°C GWT NO FLAME
CONTACT, COPPER ALLOY, 0.8MM THICK
- 4 FINISH: CONTACTS, MATT TIN PLATING OVERALL, NICKEL UNDER-PLATING
BRIGHT TIN PLATING OVERALL, NICKEL UNDER-PLATING
SILVER PLATING OVERALL, NICKEL UNDER-PLATING
- 5 PCB TABS INSERTED IN A STAGGERED PATTERN BEGINNING WITH POSITION 1 (C<+1)
- 6 THE PART NUMBERS SHOWING IN SHEET 2 & 3 & 4 & 5 ARE FOR NATURAL COLOR . THE PART NUMBER FOR OTHER COLOR ARE BASED ON THE NATURAL ONE: FOR THE SAME CONFIGURATION, THE PREFIX AND POSTFIX OF THE P/N ARE THE SAME, ONLY THE BASE NUMBER IS DIFFERENT ACCORDING TO DIFFERENT COLOR, DETAIL PLEASE SEE SHEET 6
- 7 PACKAGING: LOOSE PIECE OR TUBE. THE PART NUMBERS IN THIS DRAWING ARE WITH LOOSE PIECE PACKAGING. PLEASE CONTACT TE SALES REPRESENTATIVES FOR TUBE PACKAGING REQUIREMENT.
- 8 PRELIMINARY PART, NOT RELEASED FOR PRODUCTION.
- 9 FOR P/N: 2-1971895-4:
1) THE CONTACTS ARE WITH BRIGHT TIN PLATING
2) INSERTION FORCE MATING WITH 4P MONO SHAPE MKI CONNECTOR: 85N MAX
ACCORDING TO IEC 60512-13-1,Test 13a.
- 10 FOR P/N: 5-1971845-8, 2-1971845-6 AND 6-1971845-5:
1) THE CONTACTS ARE WITH BRIGHT TIN PLATING.



SECTION A-A



RECOMMEND PCB LAYOUT - SOLDER SIDE
EVEN NUMBER OF PINS
PCB 15±0.2 THICK



RECOMMEND PCB LAYOUT - SOLDER SIDE
ODD NUMBER OF PINS
PCB 15±0.2 THICK

42.30	40.30	8
37.30	35.30	7
32.30	30.30	6
27.30	25.30	5
22.30	20.30	4
17.30	15.30	3
12.30	10.30	2
N	M	NO. OF POS.

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	WRP	21Jan2013	 TE Connectivity					
DIMENSIONS:				CHK	HAPYE	21Jan2013						
mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:			APVD	YHM	21Jan2013	NAME	RAST 5 TAB HEADER ASSY DIN STYLE, TH, VERTICAL			
		0 PLC ±			PRODUCT SPEC							
		1 PLC ±			108-106080							
		2 PLC ±			APPLICATION SPEC							
		3 PLC ±			SIZE							
		4 PLC ±										
		ANGLES			CAGE CODE							
		FINISH										
MATERIAL					WEIGHT			DRAWING NO				
					Customer Drawing			RESTRICTED TO				
					SCALE							
					N/A			SHEET				
					1							
					OF			REV				
					6							
					A15							

LOC	DIST	REVISIONS						
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		-	SEE SHEET 1			-	-	-

	8	TAB CCONTACT MATT TIN PLATING (5-1971845-8, 6-1971845-5 AND 2-1971845-6 ARE WITH BRIGHT TIN)	I	RAST 5 TAB HEADER HOUSING,8P. (SEE THE DETAIL LAYOUT ON SHEET 5)	8	6-1971845-8 △8 5-1971845-8 △10 4-1971845-8 3-1971845-8 2-1971845-8 1-1971845-8 1971845-8																			
RED	7		I	RAST 5 TAB HEADER HOUSING,7P. (SEE THE DETAIL LAYOUT ON SHEET 5)	7	1971946-7 1971895-7 9-1971845-7 8-1971845-7 7-1971845-7 6-1971845-7 5-1971845-7 4-1971845-7 3-1971845-7 2-1971845-7 1-1971845-7 1971845-7																			
natural						6	I	RAST 5 TAB HEADER HOUSING,6P. (SEE THE DETAIL LAYOUT ON SHEET 5)	6	1-1971895-6 1971895-6 9-1971845-6 8-1971845-6 7-1971845-6 6-1971845-6 5-1971845-6 4-1971845-6 3-1971845-6 2-1971845-6△10 1-1971845-6 1971845-6															
										5	I	RAST 5 TAB HEADER HOUSING,5P. (SEE THE DETAIL LAYOUT ON SHEET 4)	5	1971954-5 1-1971895-5 1971895-5 9-1971845-5 8-1971845-5 7-1971845-5 6-1971845-5△10 5-1971845-5 4-1971845-5 3-1971845-5 2-1971845-5 1-1971845-5 1971845-5											
														BLUE	5	I	RAST 5 TAB HEADER HOUSING,5P. (SEE THE DETAIL LAYOUT ON SHEET 4)	5	RAST 5 TAB HEADER HOUSING,4P. (SEE THE DETAIL LAYOUT ON SHEET 4)						
														natural											
color	QTY		②	QTY	①	NO. OF POS.	TE PART NO.																		

GREEN	4	TAB CCONTACT w/ MATT TIN PLATING (2-1971895-4 IS WITH BRIGHT TIN)	1	RAST 5 TAB HEADER HOUSING,4P (SEE THE DETAIL LAYOUT ON SHEET 4)	4	1971962-4	
natural	4		1			4	9-1971895-4
							8-1971895-4 △8
							7-1971895-4
							6-1971895-4
							5-1971895-4
							4-1971895-4
							3-1971895-4
							2-1971895-4 △9
							1-1971895-4
							1971895-4
							9-1971845-4
							8-1971845-4
							7-1971845-4
							6-1971845-4
				5-1971845-4			
	4-1971845-4						
	3-1971845-4						
	2-1971845-4						
	1-1971845-4						
	1971845-4						
	4-1971895-3						
	3-1971895-3						
	2-1971895-3						
	1-1971895-3						
	1971895-3						
	9-1971845-3						
	8-1971845-3						
7-1971845-3							
6-1971845-3							
5-1971845-3							
4-1971845-3							
3-1971845-3							
2-1971845-3							
1-1971845-3							
1971845-3							
6-1971895-2							
5-1971895-2							
4-1971895-2							
3-1971895-2							
2-1971895-2							
1-1971895-2							
1971895-2							
9-1971845-2							
8-1971845-2							
7-1971845-2							
6-1971845-2							
5-1971845-2							
4-1971845-2							
3-1971845-2							
2-1971845-2							
1-1971845-2							
1971845-2							
color	QTY	②	QTY	①	NO. OF POS.	TE PART NO.	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: WRP 21Jan2013
CHK: HAPYE_WU 21Jan2013
APVD: YHM 21Jan2013

DIMENSIONS:
mm

0 PLC ±
1 PLC ±
2 PLC ±0.25
3 PLC ±
4 PLC ±
ANGLES ±2°
FINISH

MATERIAL: -

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: WRP 21Jan2013
CHK: HAPYE_WU 21Jan2013
APVD: YHM 21Jan2013

PRODUCT SPEC: -
APPLICATION SPEC: -
WEIGHT: -

CUSTOMER DRAWING

SIZE: A1
CAGE CODE: 00779
DRAWING NO: 1971845

RESTRICTED TO: -

SCALE: N/A
SHEET: 2 OF 6
REV: A15

TE Connectivity

NAME: RAST 5 TAB HEADER ASSY
DIN STYLE, TH, VERTICAL

LOC	DIST	REVISIONS					
		P	LYR	DESCRIPTION	DATE	DWN	APVD
ES	00	-	-	SEE SHEET 1	-	-	-

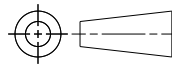
natural	8	TAB CCONTACT w/ SILVER PLATING	I	RAST 5 TAB HEADER HOUSING,8P,NATURE (SEE THE DETAIL LAYOUT ON SHEET 5)	8	6-1971846-8 5-1971846-8 4-1971846-8 3-1971846-8 2-1971846-8 1-1971846-8 1971846-8
	7		I	RAST 5 TAB HEADER HOUSING,7P,NATURE (SEE THE DETAIL LAYOUT ON SHEET 5)	7	1971896-7 9-1971846-7 8-1971846-7 7-1971846-7 6-1971846-7 5-1971846-7 4-1971846-7 3-1971846-7 2-1971846-7 1-1971846-7 1971846-7
	6		I	RAST 5 TAB HEADER HOUSING,6P,NATURE (SEE THE DETAIL LAYOUT ON SHEET 5)	6	1-1971896-6 1971896-6 9-1971846-6 8-1971846-6 7-1971846-6 6-1971846-6 5-1971846-6 4-1971846-6 3-1971846-6 2-1971846-6 1-1971846-6 1971846-6
	5		I	RAST 5 TAB HEADER HOUSING,5P,NATURE (SEE THE DETAIL LAYOUT ON SHEET 4)	5	1971896-5 9-1971846-5 8-1971846-5 7-1971846-5 6-1971846-5 5-1971846-5 4-1971846-5 3-1971846-5 2-1971846-5 1-1971846-5 1971846-5
color	QTY	②	QTY	①	NO. OF POS.	TE PART NO.

natural	4	TAB CCONTACT w/ SILVER PLATING	I	RAST 5 TAB HEADER HOUSING,4P,NATURE (SEE THE DETAIL LAYOUT ON SHEET 4)	4	9-1971896-4  7-1971896-4 6-1971896-4 5-1971896-4 4-1971896-4 3-1971896-4 2-1971896-4 1-1971896-4 1971896-4 9-1971846-4 8-1971846-4 7-1971846-4 6-1971846-4 5-1971846-4 4-1971846-4 3-1971846-4 2-1971846-4 1-1971846-4 1971846-4
	3		I	RAST 5 TAB HEADER HOUSING,3P,NATURE (SEE THE DETAIL LAYOUT ON SHEET 4)	3	4-1971896-3 3-1971896-3 2-1971896-3 1-1971896-3 1971896-3 9-1971846-3 8-1971846-3 7-1971846-3 6-1971846-3 5-1971846-3 4-1971846-3 3-1971846-3 2-1971846-3 1-1971846-3 1971846-3
	2		I	RAST 5 TAB HEADER HOUSING,2P,NATURE (SEE THE DETAIL LAYOUT ON SHEET 4)	2	6-1971896-2 5-1971896-2 4-1971896-2 3-1971896-2 2-1971896-2 1-1971896-2 1971896-2 9-1971846-2 8-1971846-2 7-1971846-2 6-1971846-2 5-1971846-2 4-1971846-2 3-1971846-2 2-1971846-2 1-1971846-2 1971846-2
color	QTY	②	QTY	①	NO. OF POS.	TE PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: WRP 21Jan2013
CHK: HAPYE_WU 21Jan2013
YHM 21Jan2013

DIMENSIONS:
mm



0 PLC ±
1 PLC ±
2 PLC ±0.25
3 PLC ±
4 PLC ±
ANGLES ±2°
FINISH

MATERIAL: -

WEIGHT: -

CUSTOMER DRAWING

DWN: WRP 21Jan2013
CHK: HAPYE_WU 21Jan2013
YHM 21Jan2013

PRODUCT SPEC
APPLICATION SPEC

SIZE: A1
CAGE CODE: 00779
DRAWING NO: 1971845

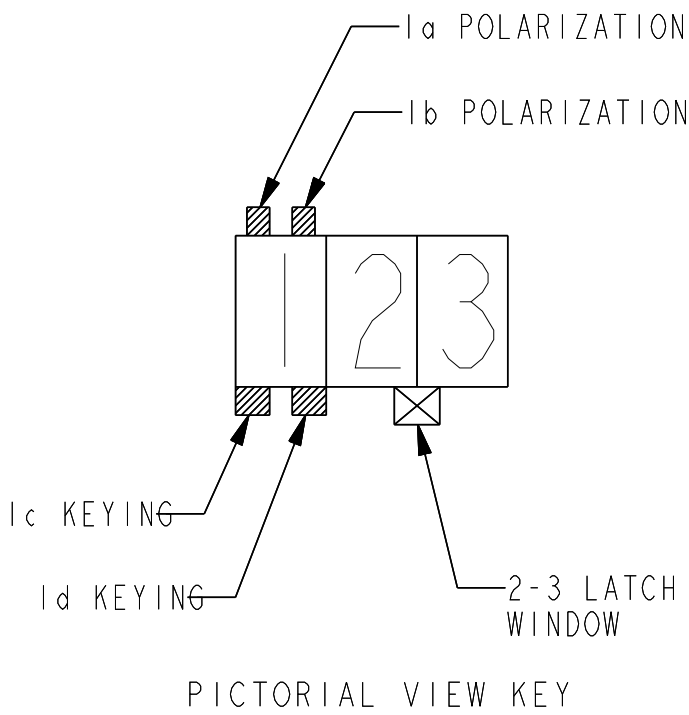
RESTRICTED TO: -

 TE Connectivity

NAME: RAST 5 TAB HEADER ASSY
DIN STYLE, TH, VERTICAL

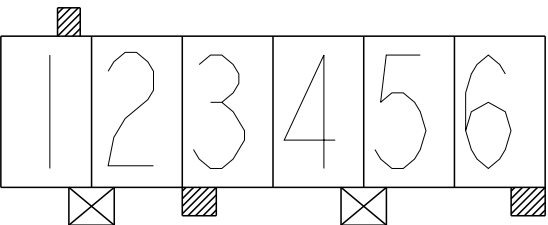
SCALE: N/A
SHEET: 3 OF 6
REV: A15

LOC	DIST	REVISIONS					
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		-		SEE SHEET 1	-	-	-



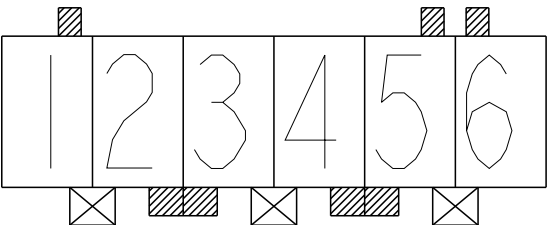
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: WRP	21Jan2013	TE Connectivity		
DIMENSIONS:		CHK: HAPYE_WU	21Jan2013			
mm		APVD: YHM	21Jan2013	NAME		
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		
		0 PLC ±		APPLICATION SPEC		
MATERIAL		WEIGHT		SIZE		
-		-		A1 00779 ©=1971845		
CUSTOMER DRAWING		SCALE		SHEET 4 OF 6		
		N/A		REV A15		

LOC		DIST		REVISIONS					
ES	00	P	LYR	DESCRIPTION	DATE	DWN	APVD		
		-		SEE SHEET 1	-	-	-		



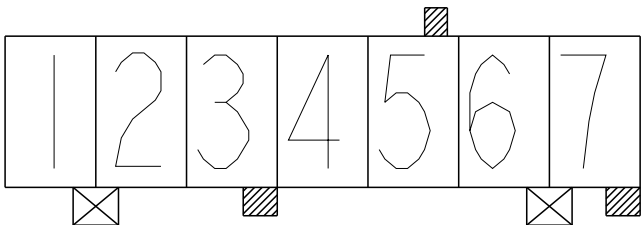
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1971846-6



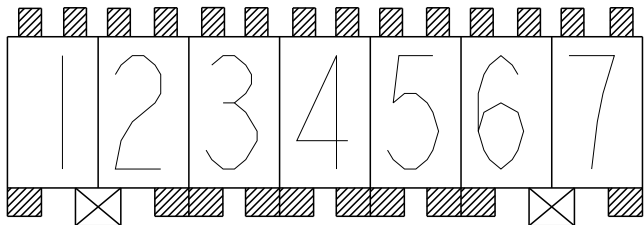
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1971896-6



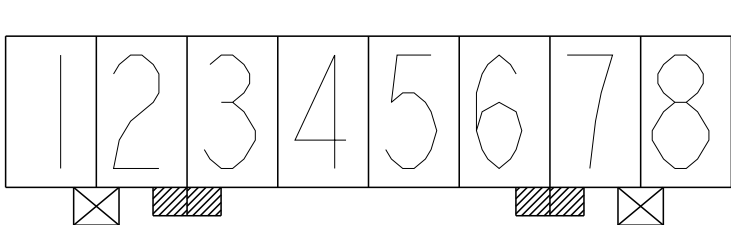
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1971846-7



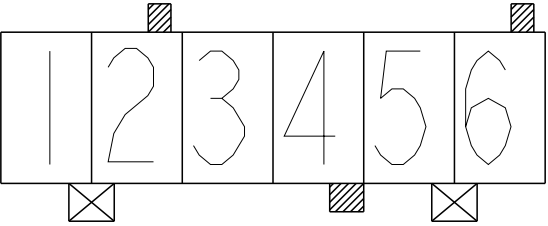
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1971896-7



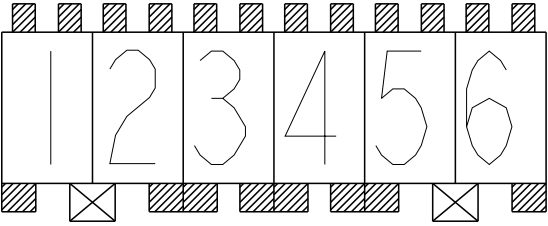
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1971846-8



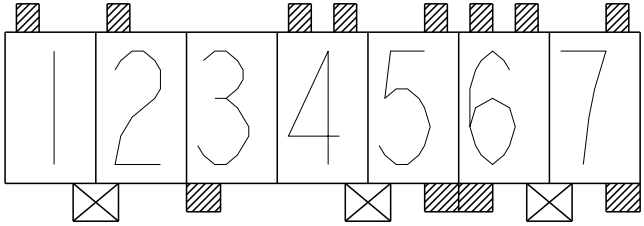
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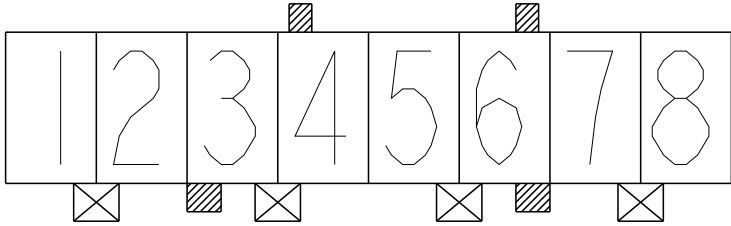
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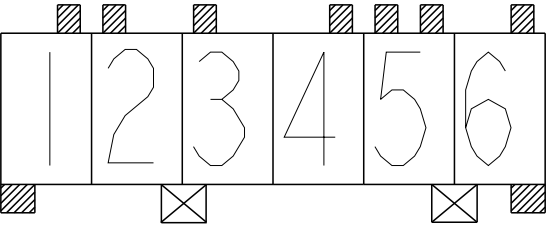
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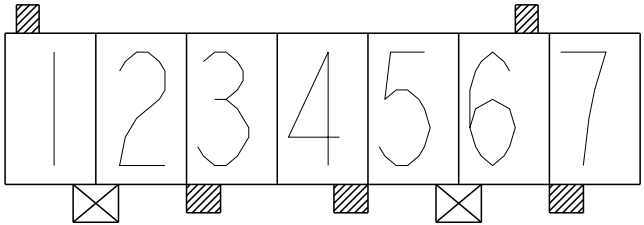
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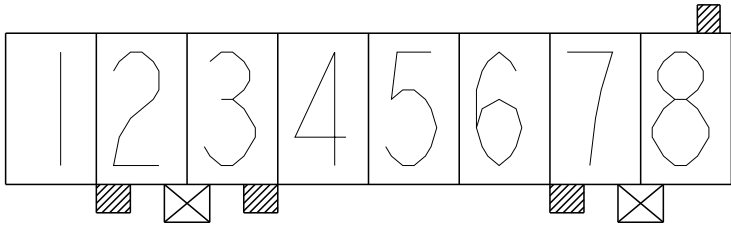
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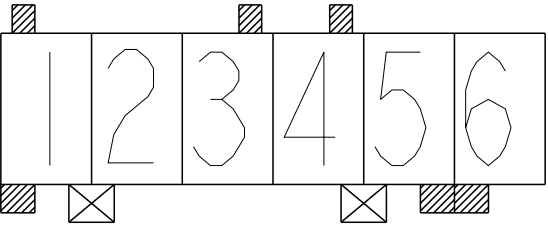
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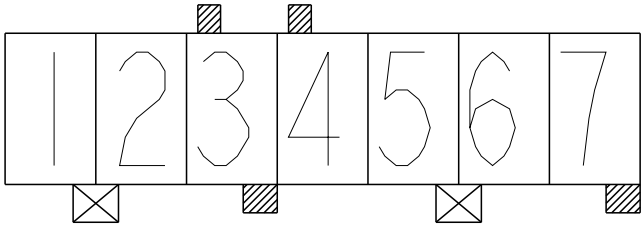
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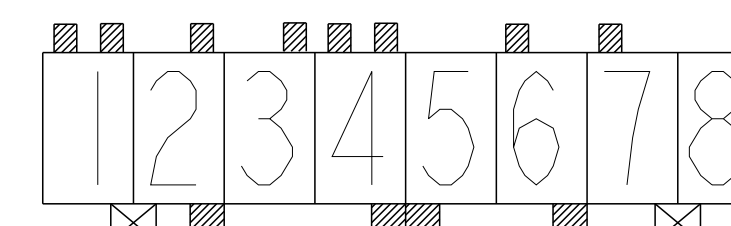
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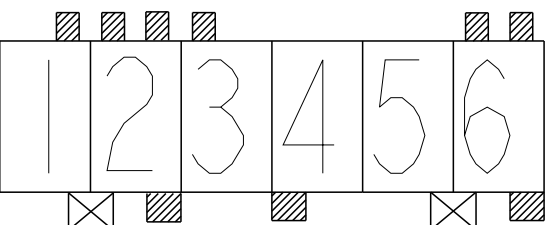
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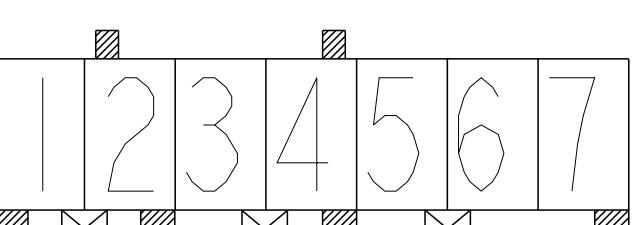
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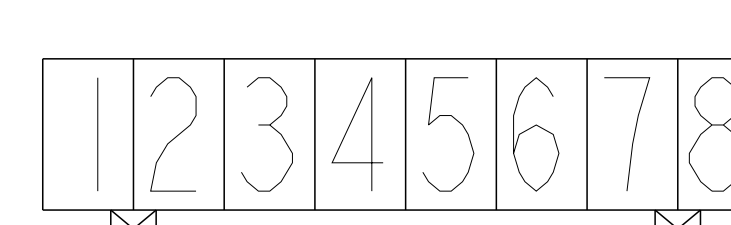
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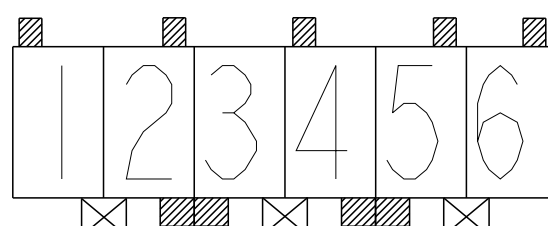
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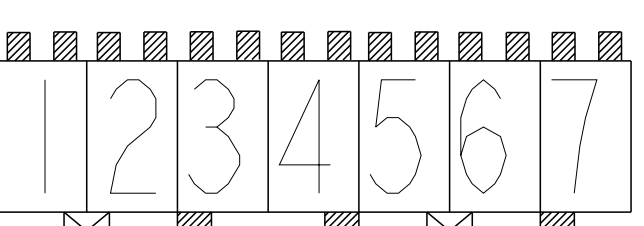
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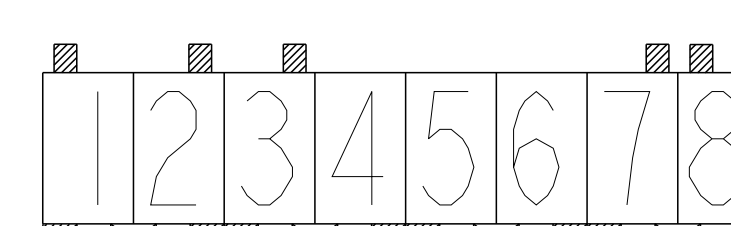
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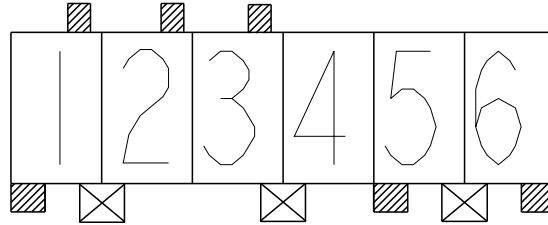
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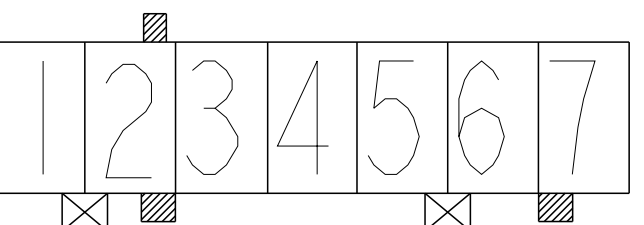
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6-1971845-6

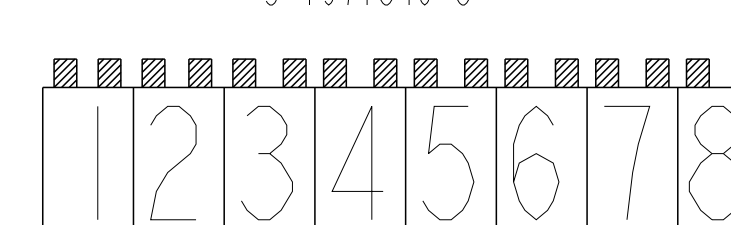
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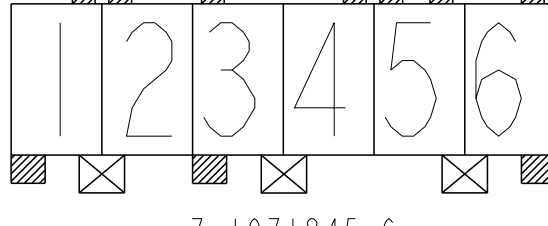
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6-1971846-7



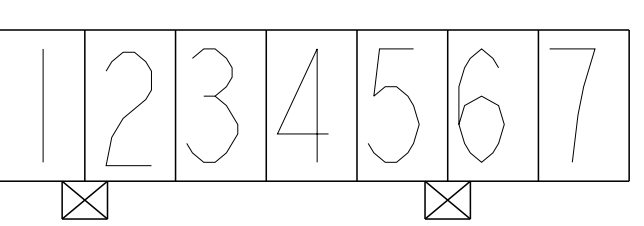
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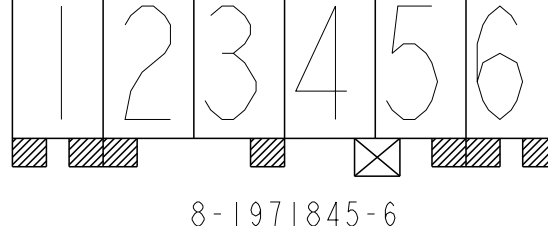
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7-1971846-6



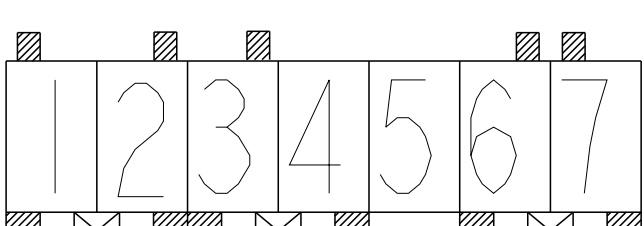
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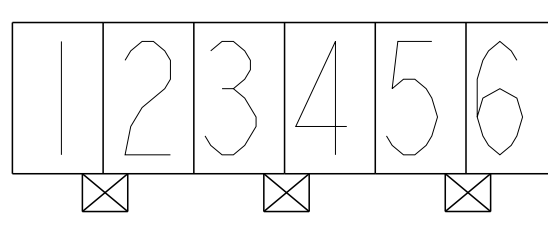
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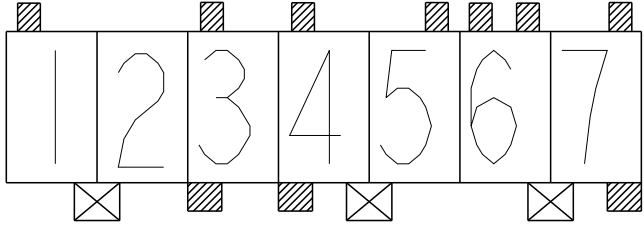
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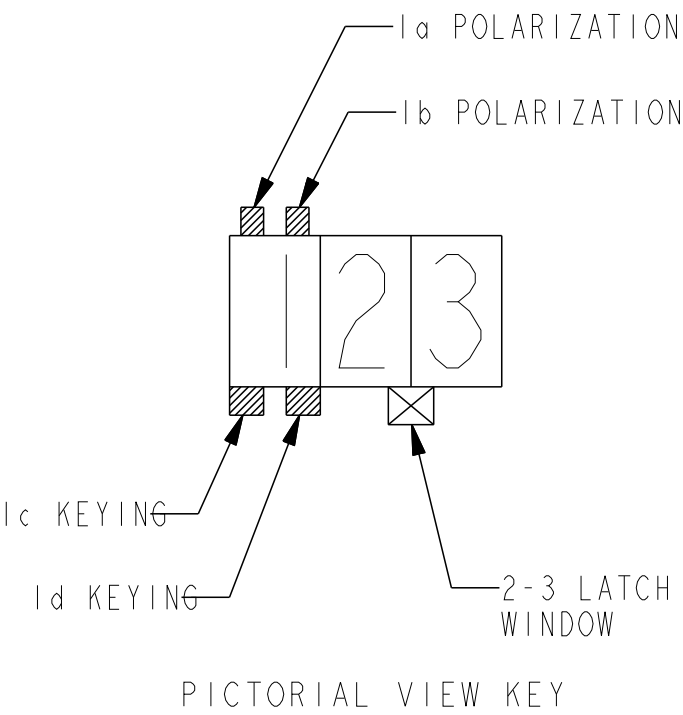
9-1971845-6

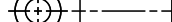
9-1971846-6



9-1971845-7

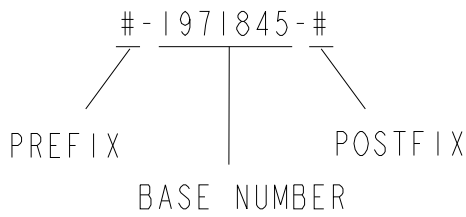
9-1971846-7



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN WRP	21Jan2013	 TE Connectivity			
		CHK HAPYE_WU	21Jan2013				
		APVD YHM	21Jan2013				
		PRODUCT SPEC					
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RAST 5 TAB HEADER ASSY DIN STYLE, TH, VERTICAL			
mm							
							
				SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
MATERIAL				A1	00779	C-1971845	-
				CUSTOMER DRAWING			
				SCALE	N/A	SHEET	5 of 6
				REV A15			

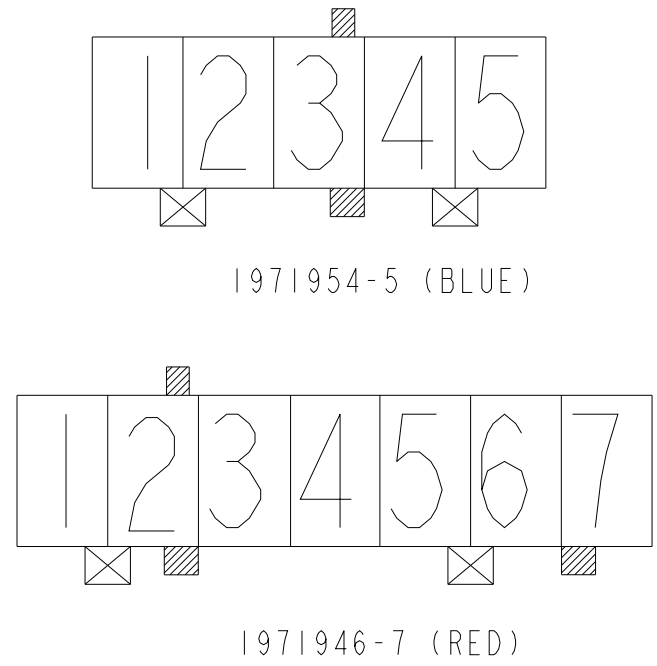
LOC	DIST	REVISIONS						
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		-	SEE SHEET 1			-	-	-

FOR ANY KEYING CONFIGURATION, THERE ARE EIGHT COLORS AVAILABLE, BESIDES THE NATURAL COLOR, THERE ARE OTHER SEVEN COLORS, INCLUDE: YELLOW, BLUE, GREY, PURPLE, RED, GREEN, BLACK. THE WHITE VERSION IS PRELIMINARY. THE P/N OF THE COLOR CONNECTOR ARE BASED ON THE NATURAL CONNECTOR, THE PREFIX AND POSTFIX ARE THE SAME FOR THE SAME KEYING CONFIGURATION, BUT THE BASE NUMBERS ARE DIFFERENT ACCORDING TO DIFFERENT COLOR.THE FOLLOWING SHOWS WHAT'S THE P/N FOR COLOR CONNECTOR

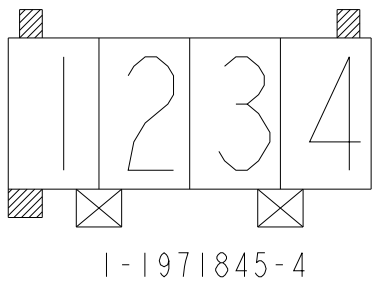


COLOR	PART NUMBER OF THE CONNECTOR				COMMENTS
	  SPECIAL P/N: 2-1971895-4, 2-1971845-6, 6-1971845-5 AND 5-1971845-8 ARE WITH BRIGHT TIN)	WITH AG PLATING CONTACT			
NATURAL	#-1971845-#	#-1971895-#	#-1971846-#	#-1971896-#	THE PREFIX AND POSTFIX ARE THE SAME WITH THE P/N OF THE NATURAL CONNECTOR FOR THE SAME KEYING , POLARIZATION, LATCH WINDOW CONFIGURATION. JUST THE BASE NUMBERS ARE DIFFERENT BASED ON DIFFERENT COLOR. # CAN BE THE NUMBER FROM 0 TO 9. BUT THERE ARE TWO EXEMPTION PART NUMBERS. 1971954-5 (BLUE) AND 1971946-7 (RED)
RED	#-1971946-#	#-1971948-#	#-1971947-#	#-1971949-#	
BLUE	#-1971954-#	#-1971956-#	#-1971955-#	#-1971957-#	
YELLOW	#-2232008-#	#-2232010-#	#-2232009-#	#-2232011-#	
BALCK	#-2232000-#	#-2232002-#	#-2232001-#	#-2232003-#	
GREY	#-2232016-#	#-2232018-#	#-2232017-#	#-2232019-#	
GREEN	#-1971962-#	#-1971964-#	#-1971963-#	#-1971965-#	
PURPLE	#-2232024-#	#-2232026-#	#-2232025-#	#-2232027-#	
WHITE	#-2232289-#	#-2232291-#	#-2232290-#	#-2232292-#	

THERE ARE TWO EXEMPTION FOR COLOR PART NUMBERS



FOR EXAMPLE,IF A CONNECTOR WITH THE CONFIGURATION AS BELOW, AND WITH MATT TIN PLATING CONTACT, IN THE SHEET 4, WE CAN FIND THE RELATED CONNECTOR P/N WITH NATURAL COLOR IS 1-1971845-4, THEN WE CAN LOOK IN THE ABOVE TABLE TO FIND THE CONNECTOR P/N WITH RED COLOR IS 1-1971946-3



COLOR	PART NUMBER OF THE CONNECTOR		COMMENTS
	WITH BRIGHT TIN PLATING CONTACT		
NATURAL	#-2232906-#	#-2232907-#	THE KEYING , POLARIZATION AND LATCH WINDOW CONFIGURATION ARE SAME AS THE MATT TIN CONNECTOR WITH THE SAME PREFIX AND POSTFIX FOR EACH COLOR. FOR EXAMPLE: 2232906-4 AND 1971845-4 HAVE SAME KEYING , POLARIZATION AND LATCH WINDOW CONFIGURATION. 2232907-4 AND 1971895-4 HAVE SAME KEYING , POLARIZATION AND LATCH WINDOW CONFIGURATION. THE DETAIL KEYING , POLARIZATION AND LATCH WINDOW CONFIGURATION FOR EACH P/N, PLEASE SEE SHEET 2-5
RED	#-2232908-#	#-2232909-#	
BLUE	#-2232910-#	#-2232911-#	
YELLOW	#-2232912-#	#-2232913-#	
BALCK	#-2232914-#	#-2232915-#	
GREY	#-2232916-#	#-2232917-#	
GREEN	#-2232918-#	#-2232919-#	
PURPLE	#-2232920-#	#-2232921-#	
WHITE	#-2232922-#	#-2232923-#	