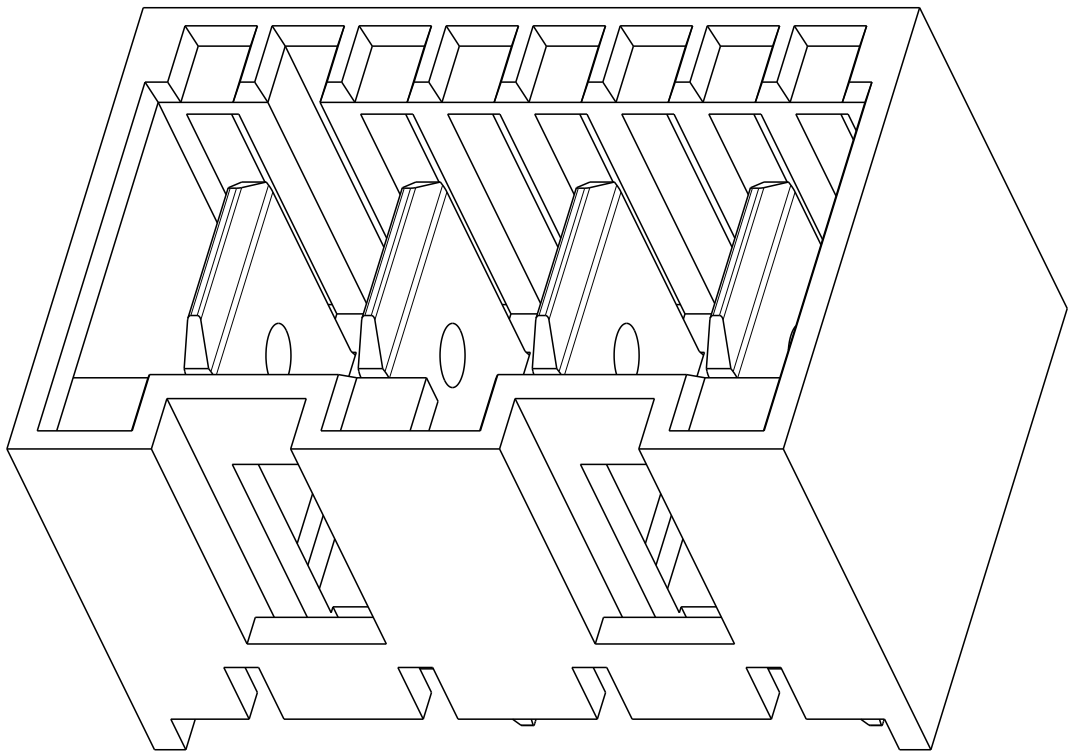
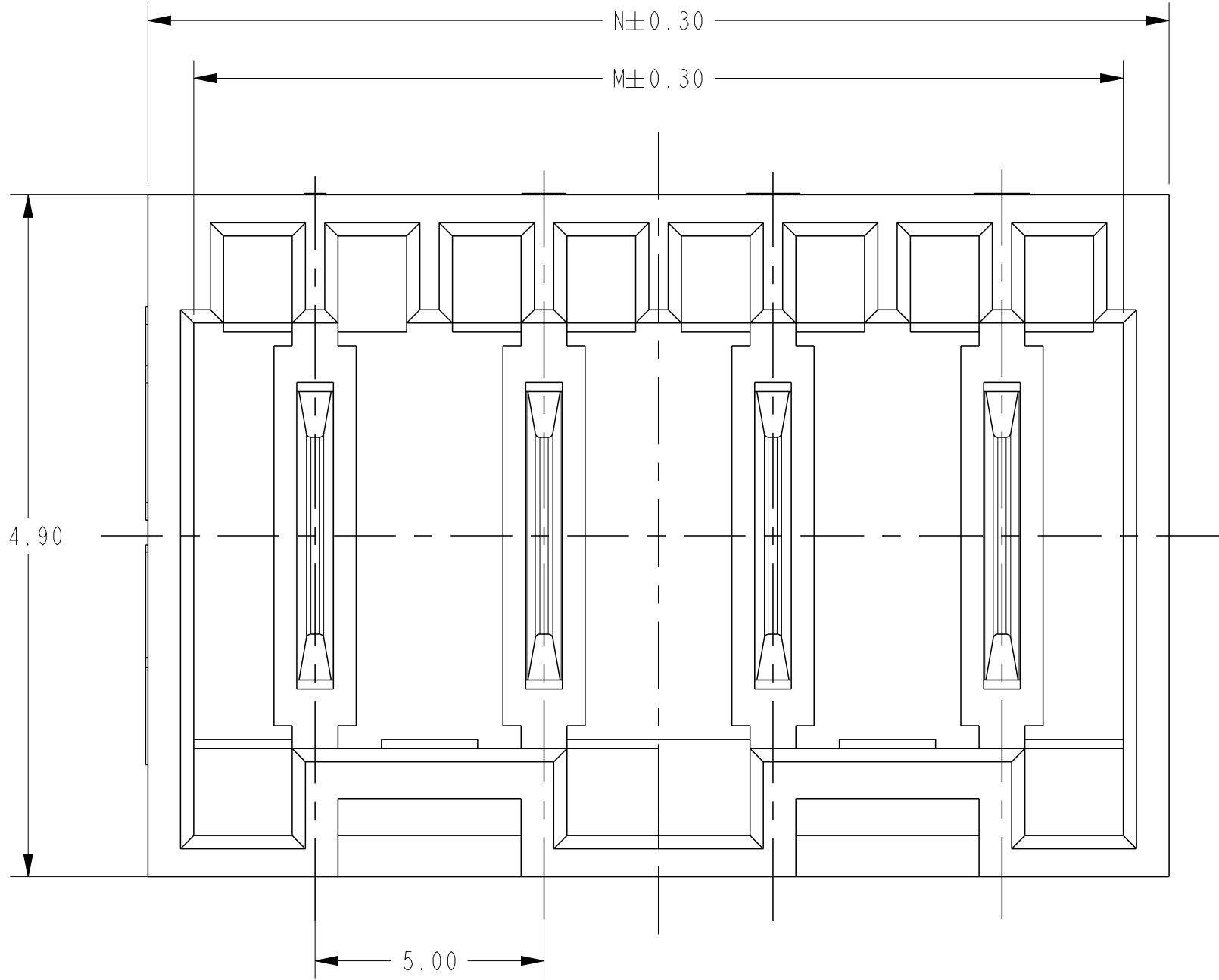
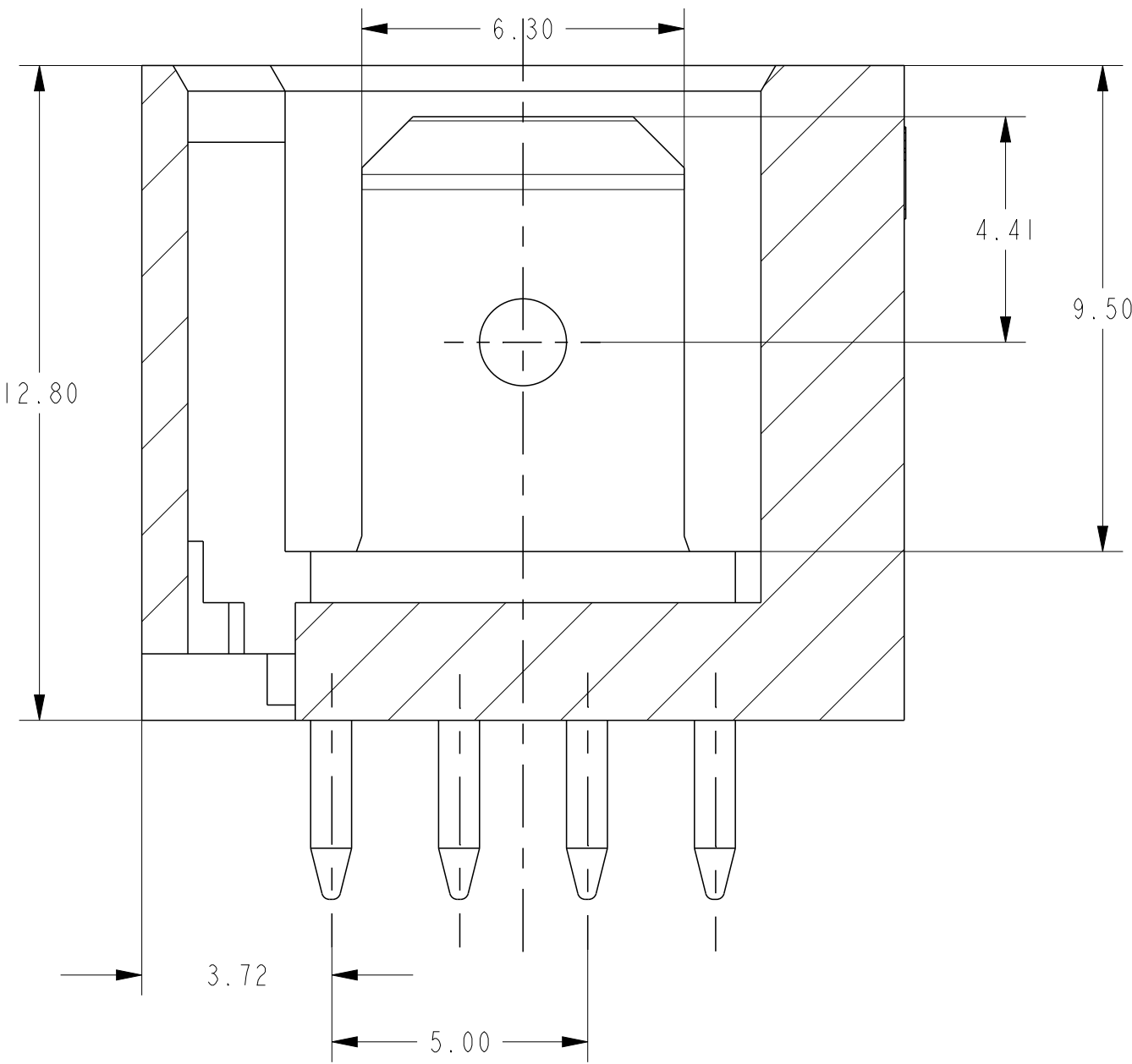
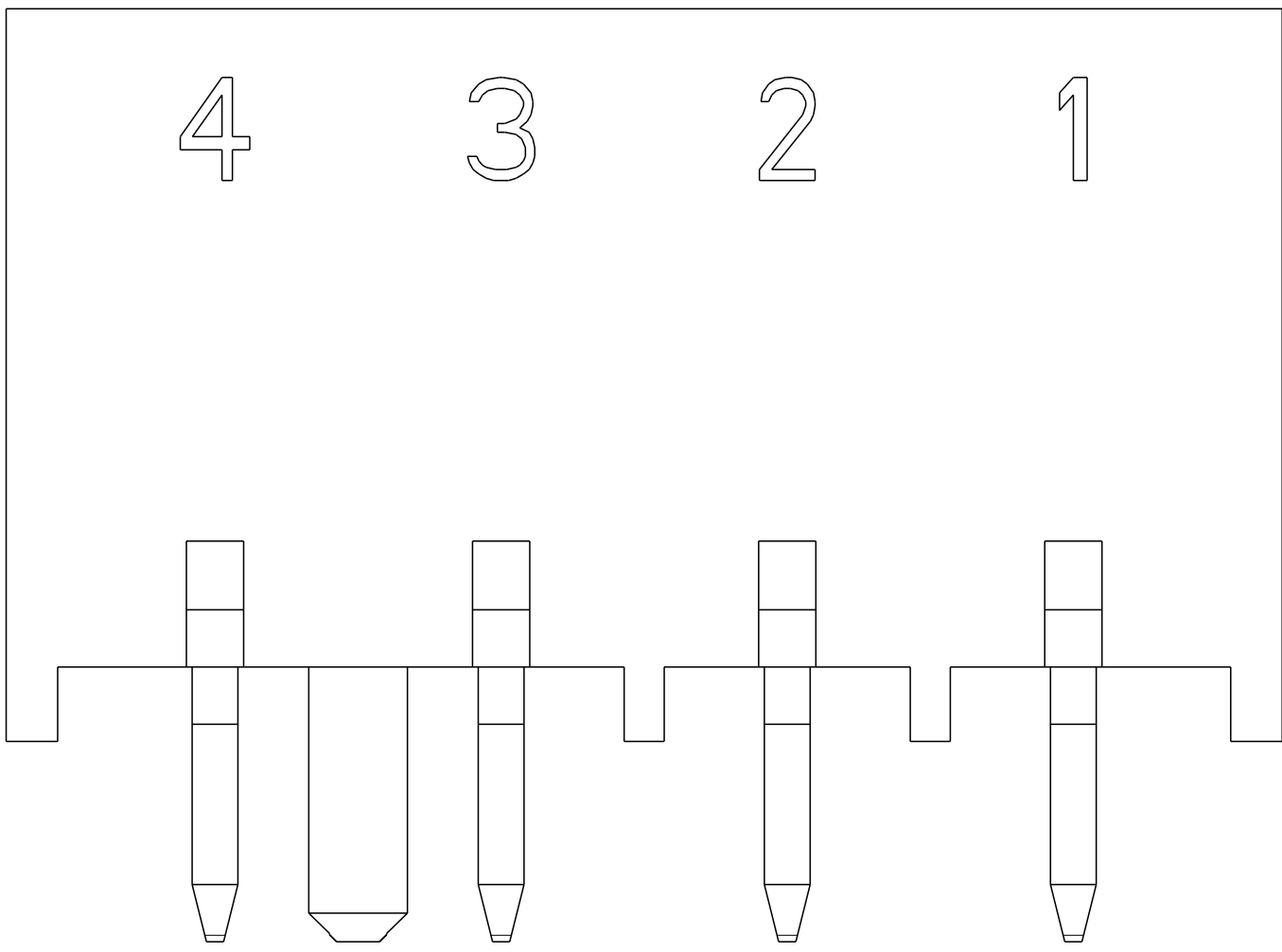
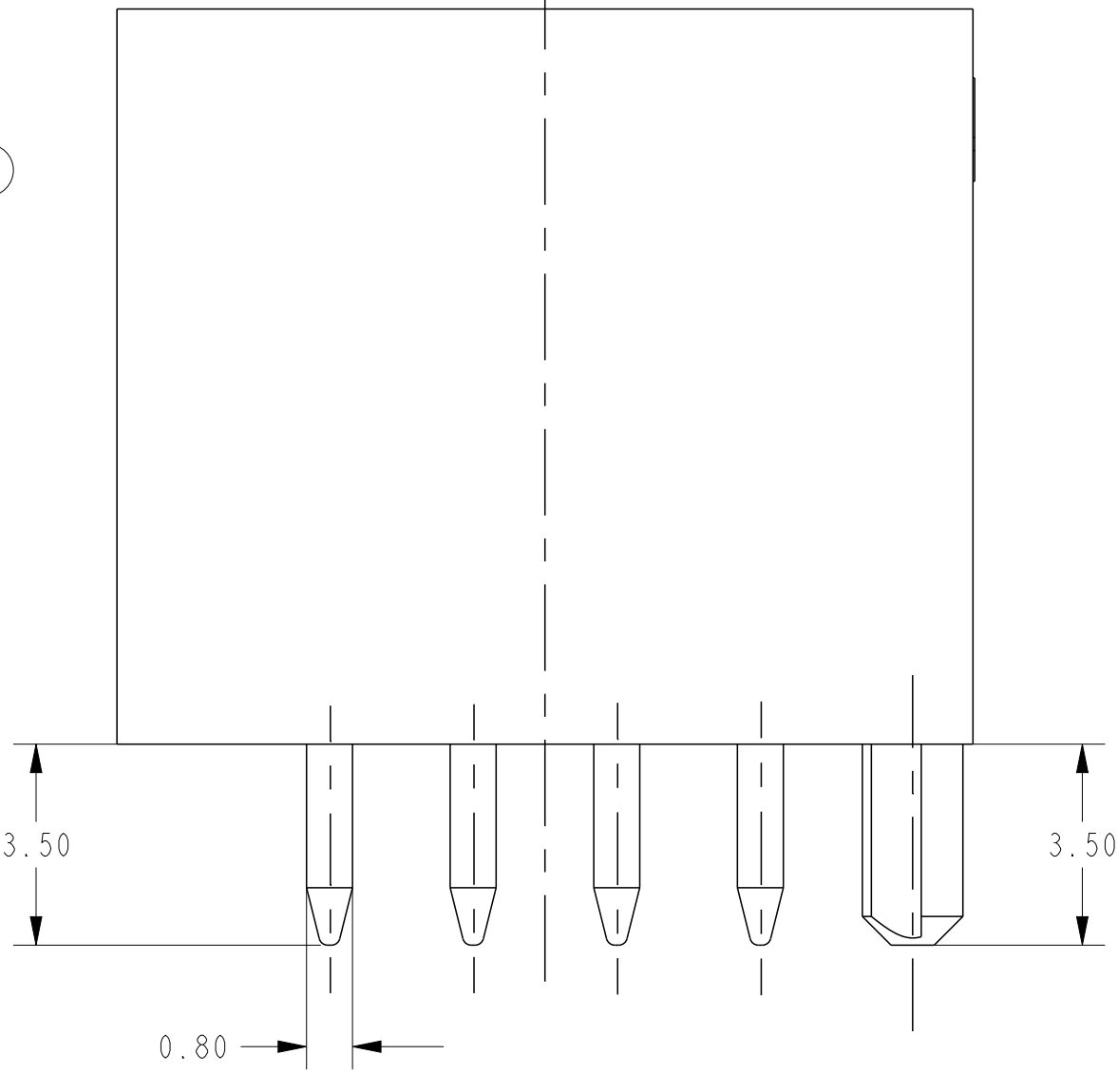
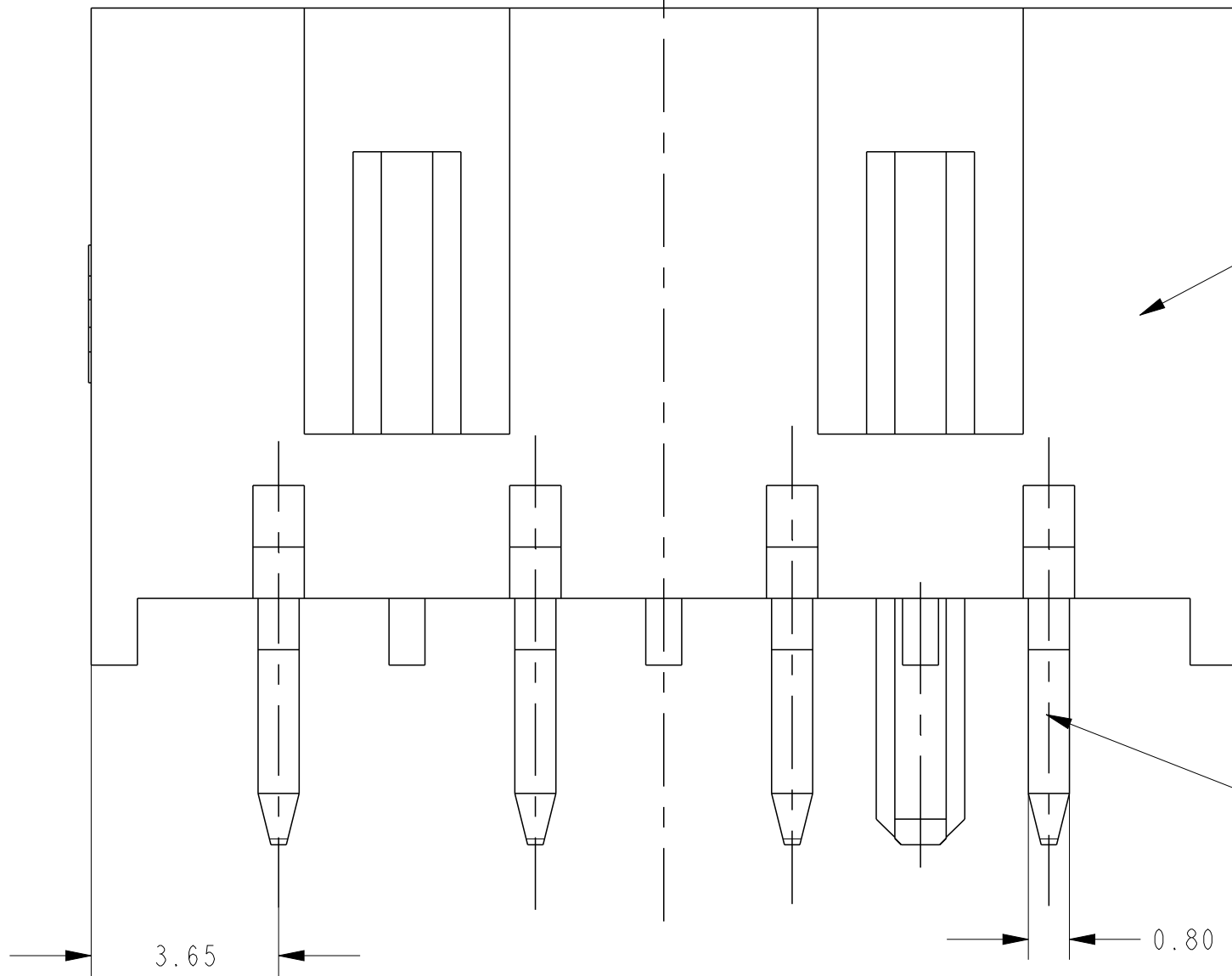




LOC	DIST	REVISIONS						
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		B7		REVISED PER ECR-24-230188	24DEC2024	DK	FL	
		B8		ECR-25-264356	12DEC2025	AA	FL	
		B9		ECR-26-272902	10MAR2026	AA	FL	
		B10		ECR-26-285933	23JUL2026	SP	FL	

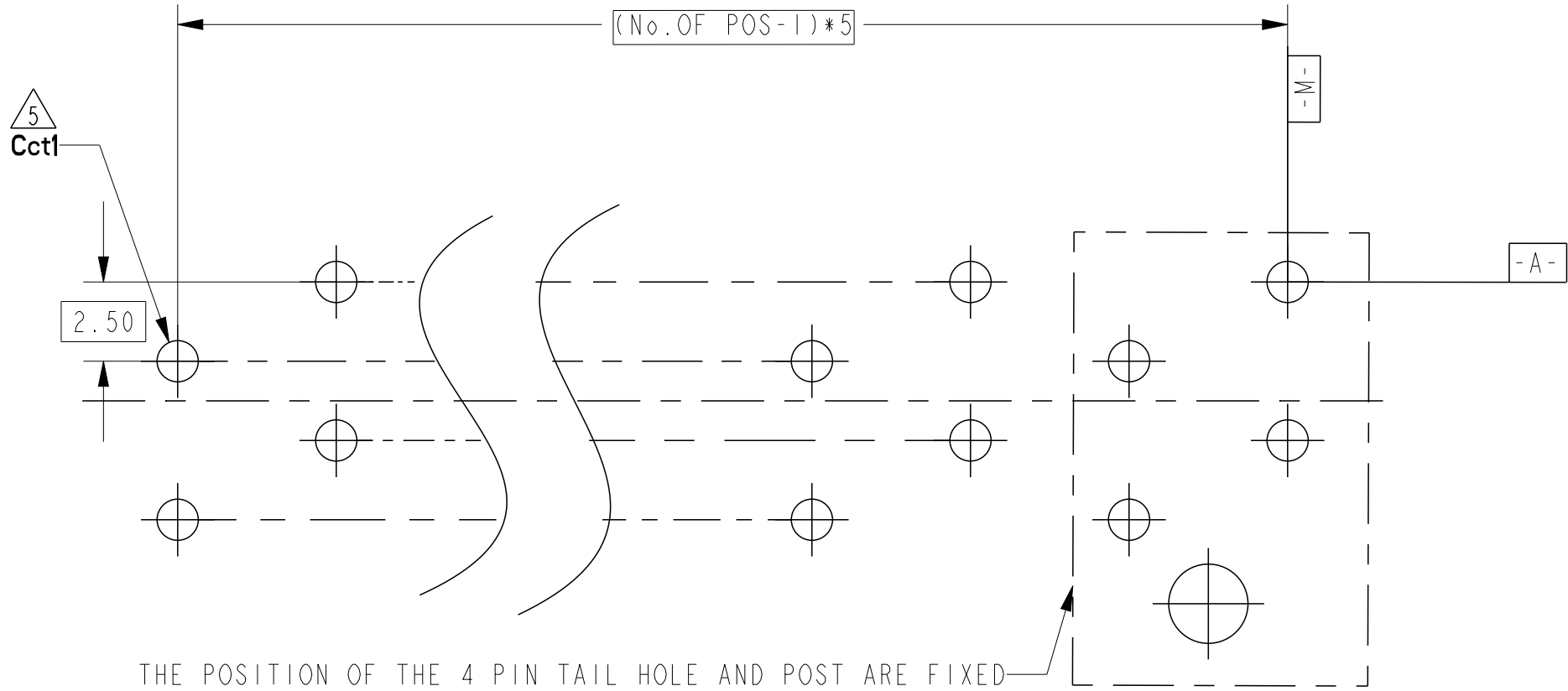
NOTE

- 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, 6-1971845-5 AND 2-1971895-5:
1) THE CONTACTS ARE WITH BRIGHT TIN PLATING.
- 11 PART NUMBERS WITH TUBE PACKAGING

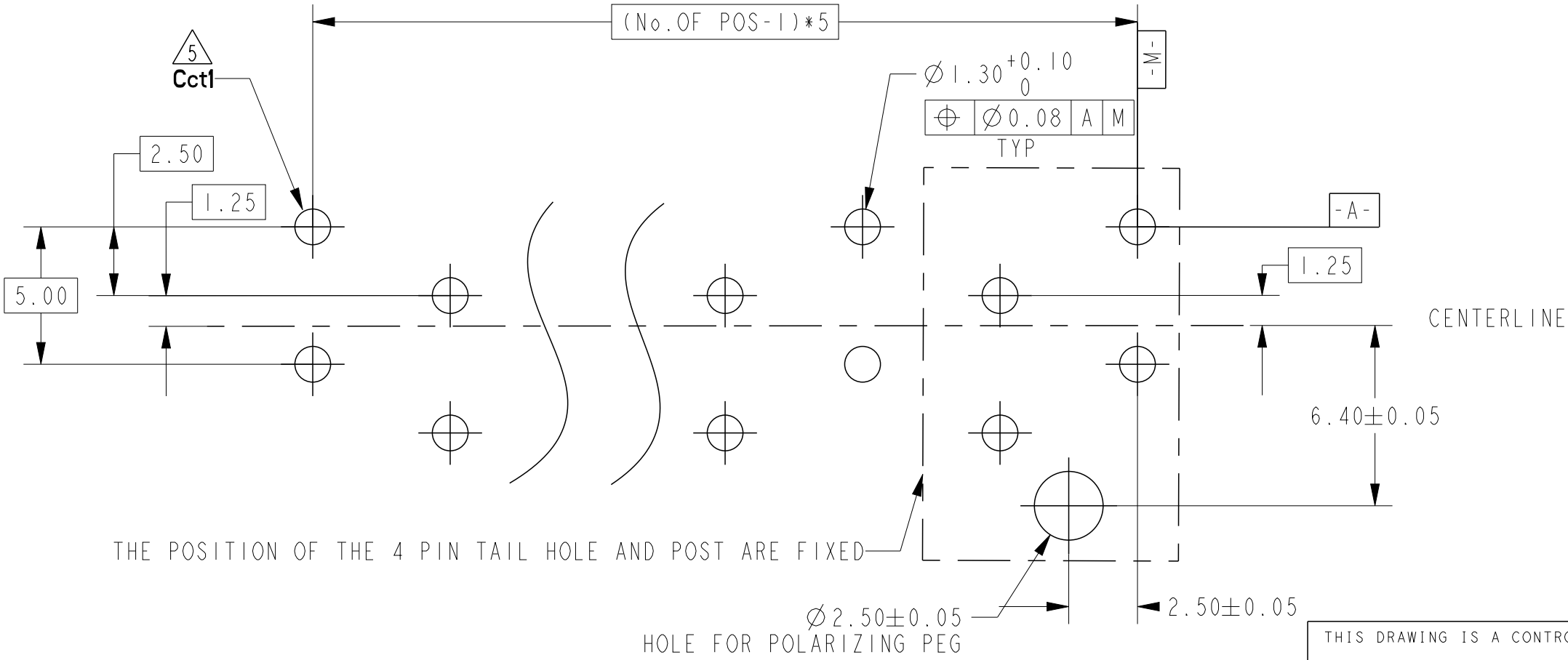


SECTION A-A

- 12 TOOL MARK ON TERMINAL SURFACE IS ACCEPTABLE WHICH DOES NOT IMPACT FUNCTION
- 13 PACKAGING WITH NORMAL PE BAG
- 14 THREE ALTERNATIVE RESIN, COMPLAINT TO UL97-V0, GWT 750°C NO FLAME



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				APVD	YHM	21Jan2013				
TOLERANCES UNLESS OTHERWISE SPECIFIED:				NAME						

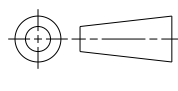
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
				SEE SHEET 1			

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	2-2298031-4 9-2461804-4 1-2298031-4 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 5-2461804-2 5-1971846-2 4-1971846-2 3-2461804-2 3-2304599-2 3-1971846-2 2-1971846-2 1-1971846-2 2732384-2 1971846-2
color	QTY	②	QTY	①	NO. OF POS.	TE PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm



MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±0.25
3 PLC ±
4 PLC ±
ANGLES ±2°
FINISH -

DWN: WRP 21Jan2013
CHK: HAPYE 21Jan2013
YHM
PRODUCT SPEC
108-106080
APPLICATION SPEC
-

WEIGHT -

Customer Drawing

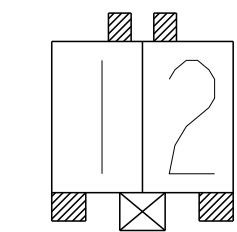
SIZE: A1
CAGE CODE: 00779
DRAWING NO: 1971845
RESTRICTED TO: -

SCALE: 8:1
SHEET: 3 OF 7
REV: 10

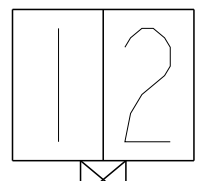
NAME: RAST 5 TAB HEADER ASSY
DIN STYLE, TH, VERTICAL

TE Connectivity

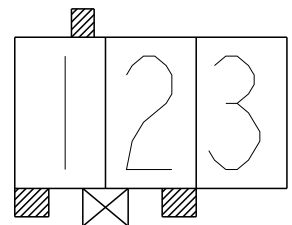
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
				SEE SHEET 1			



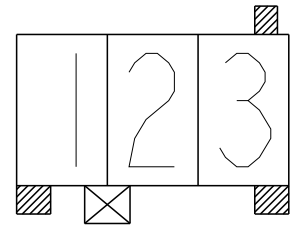
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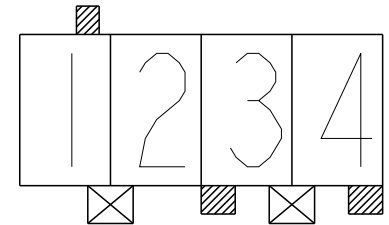
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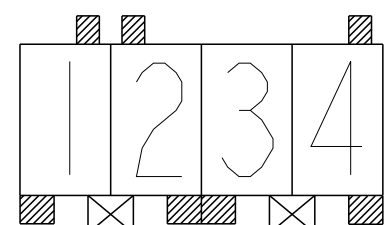
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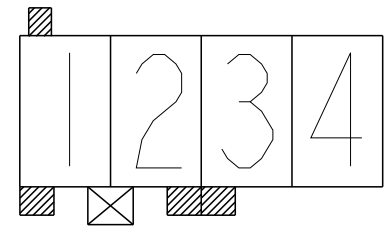
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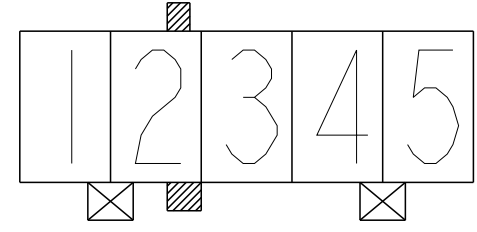
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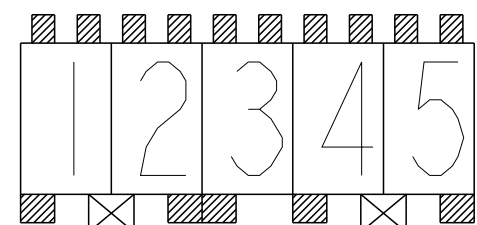
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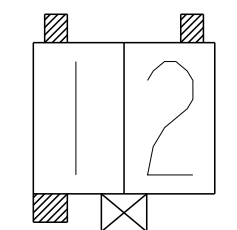
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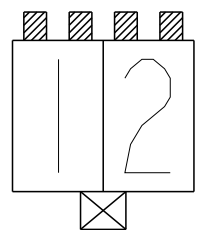
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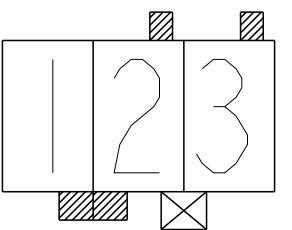
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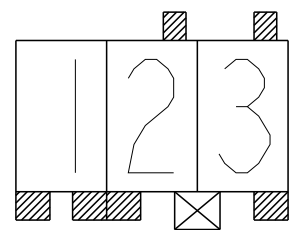
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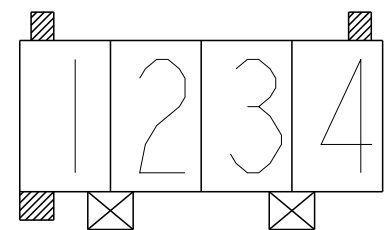
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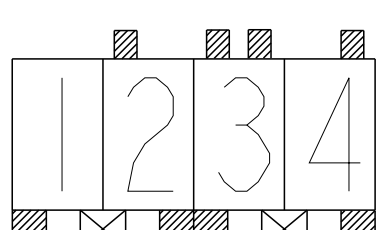
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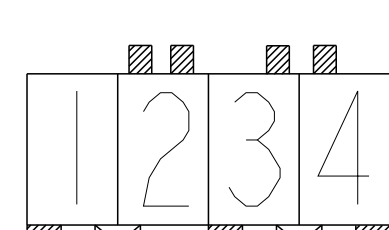
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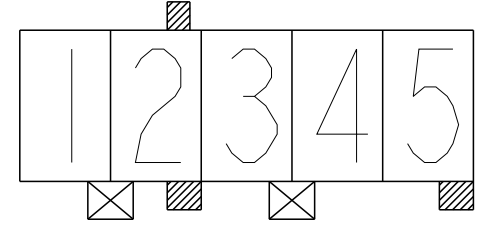
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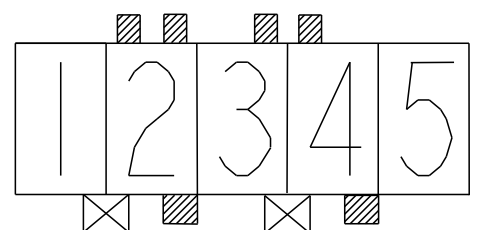
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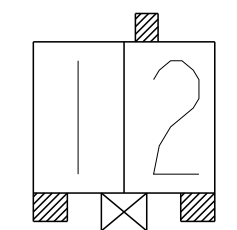
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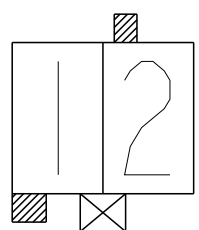
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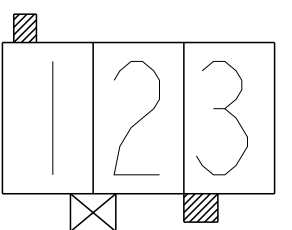
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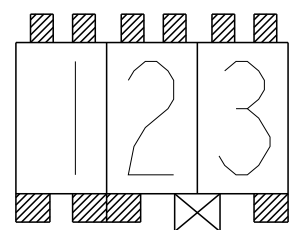
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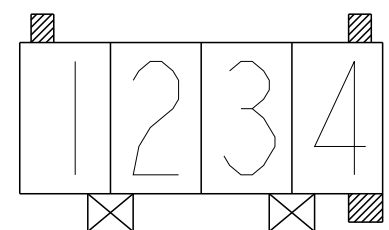
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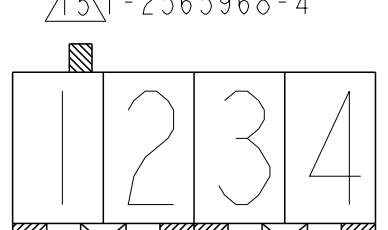
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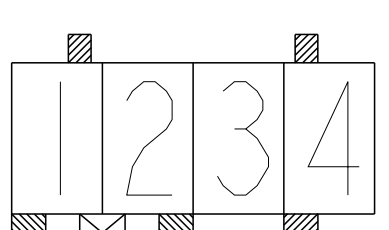
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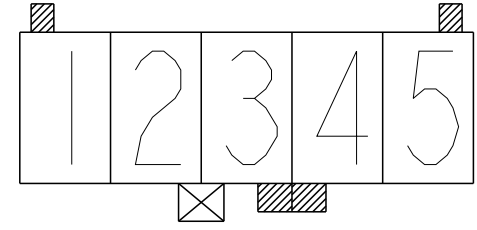
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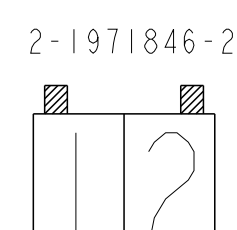
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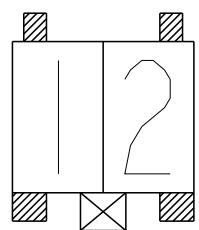
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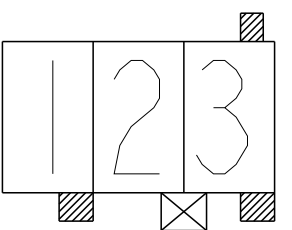
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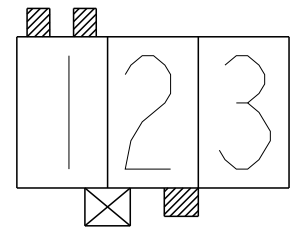
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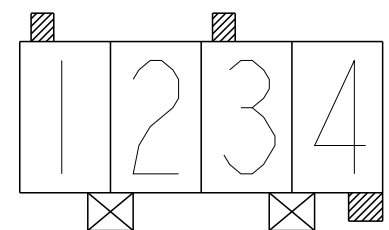
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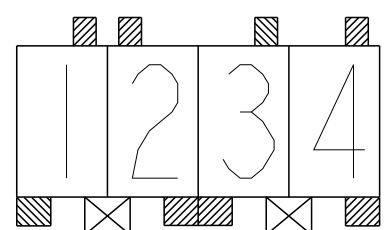
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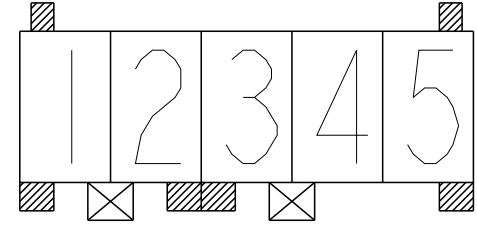
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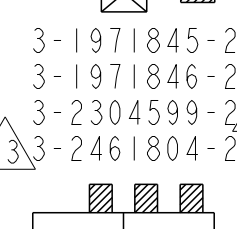
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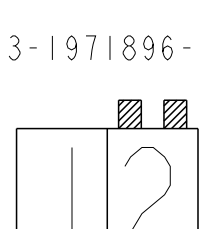
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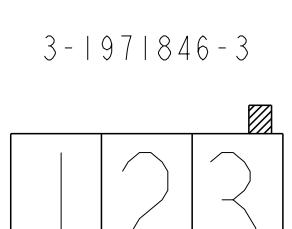
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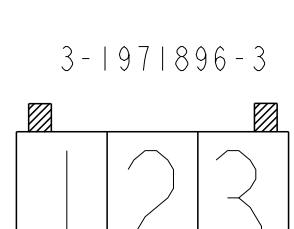
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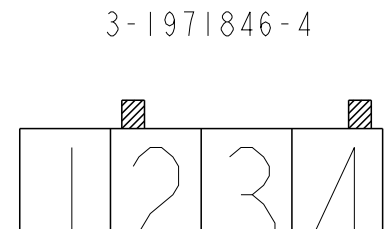
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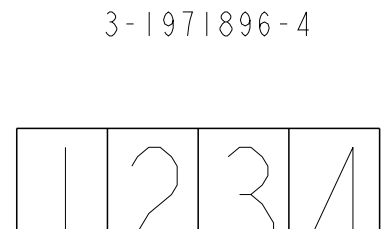
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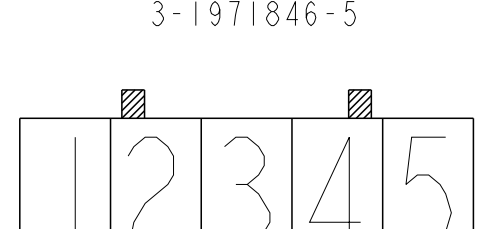
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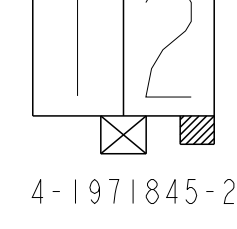
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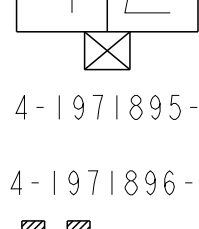
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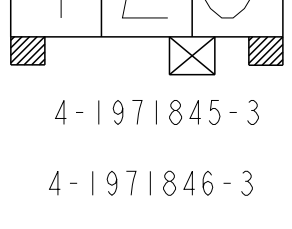
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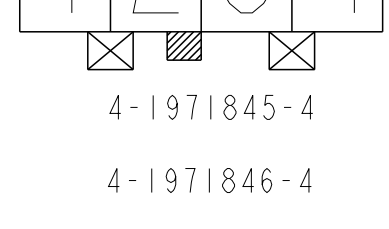
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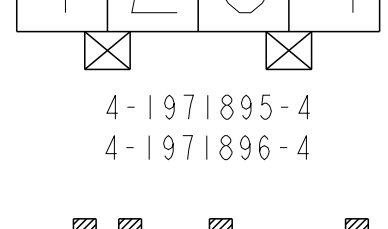
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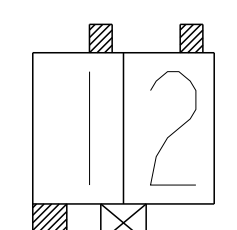
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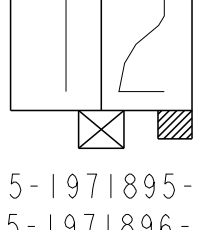
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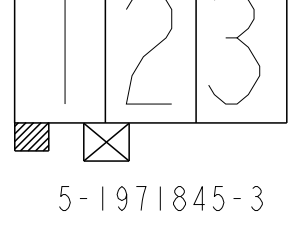
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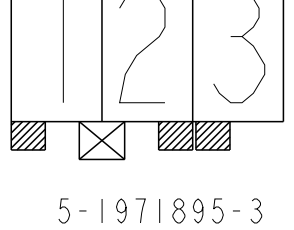
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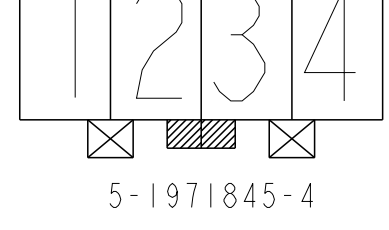
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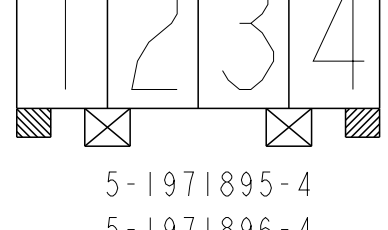
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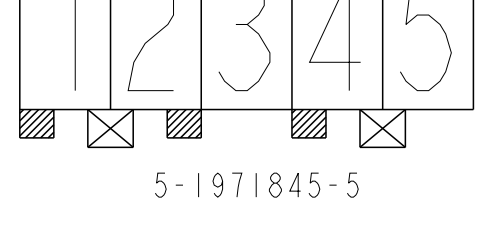
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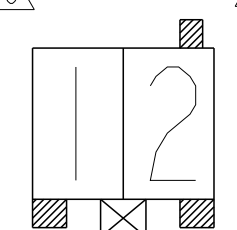
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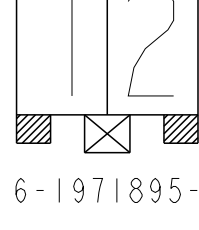
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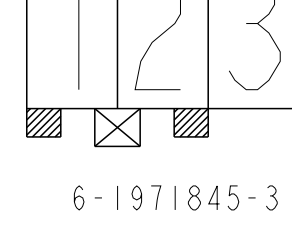
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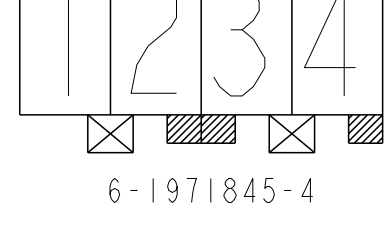
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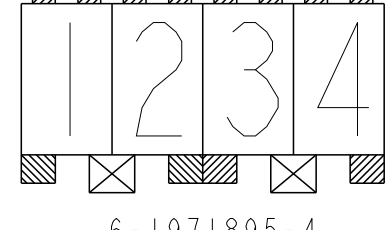
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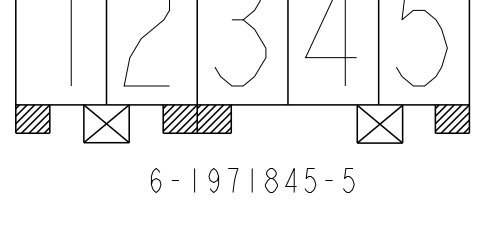
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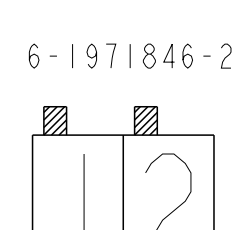
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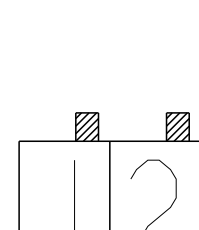
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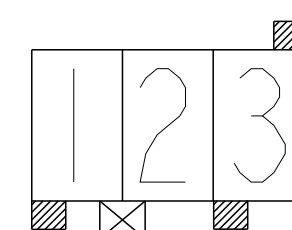
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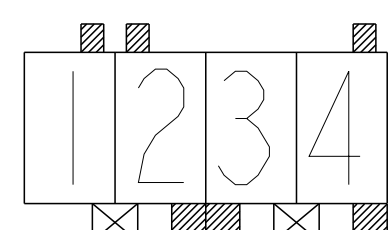
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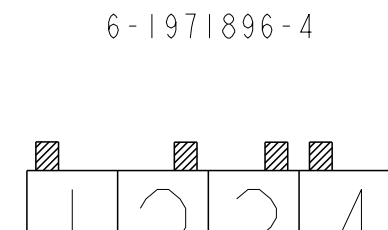
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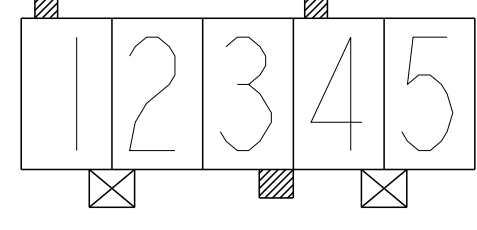
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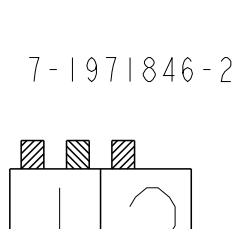
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9-1971845-4
9-1971846-4
9-2304591-4



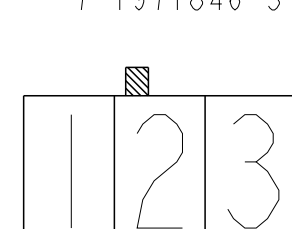
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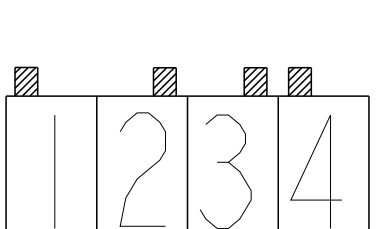
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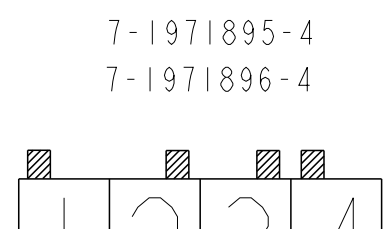
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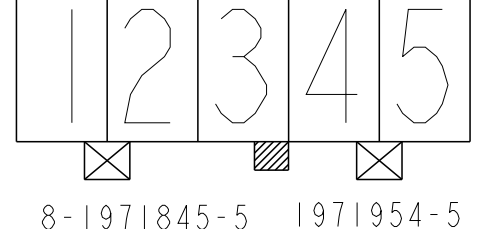
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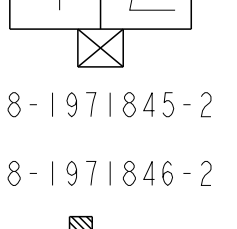
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9-1971895-5
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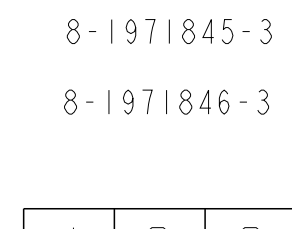
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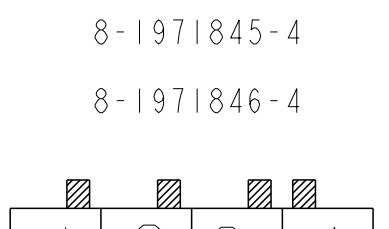
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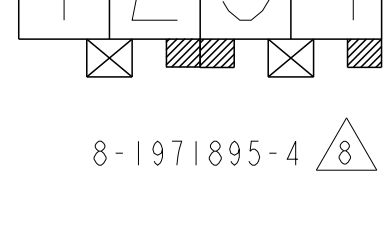
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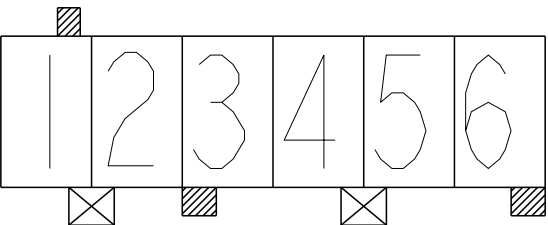
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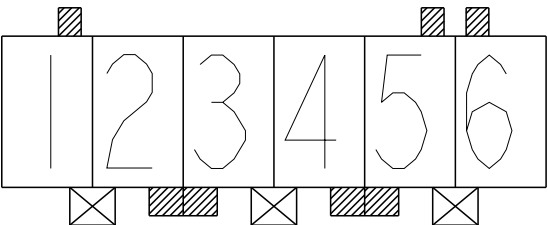
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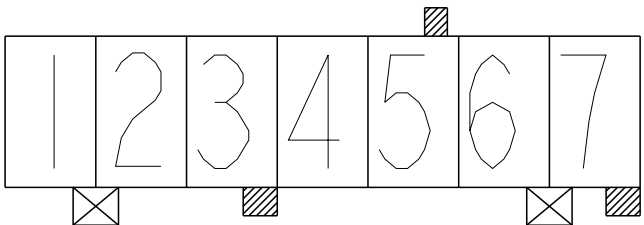
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
				SEE SHEET 1			



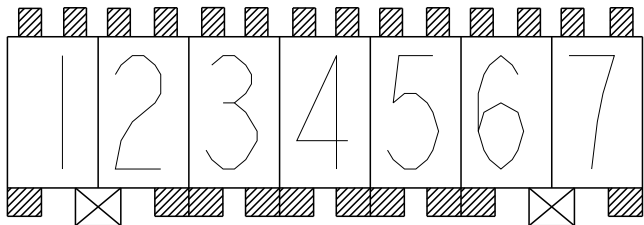
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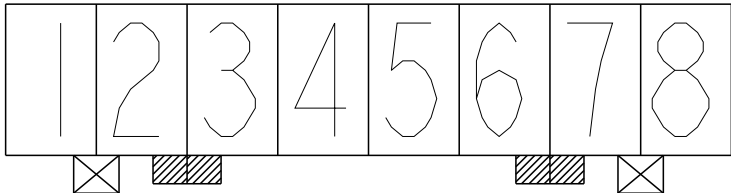
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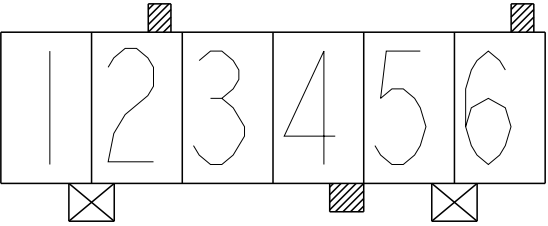
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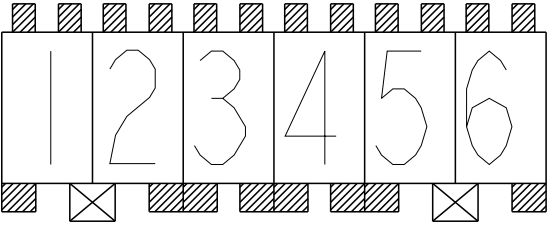
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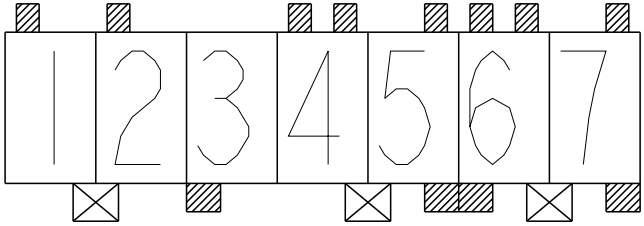
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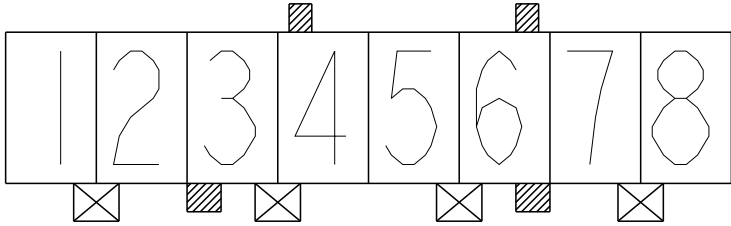
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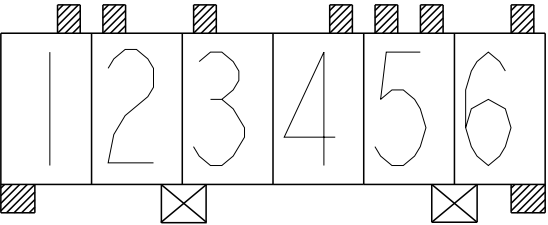
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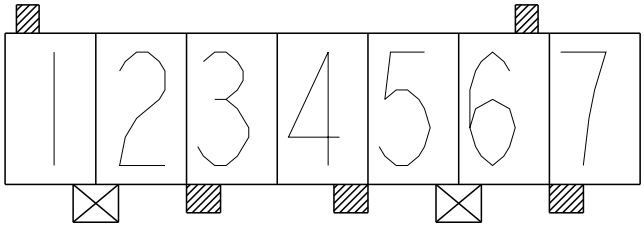
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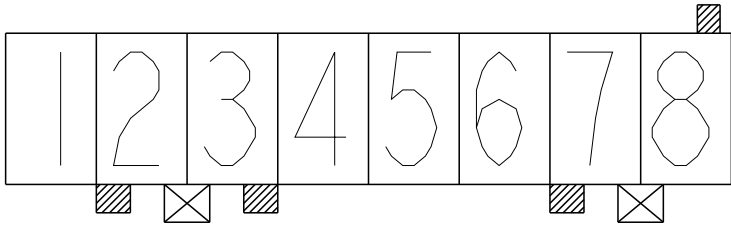
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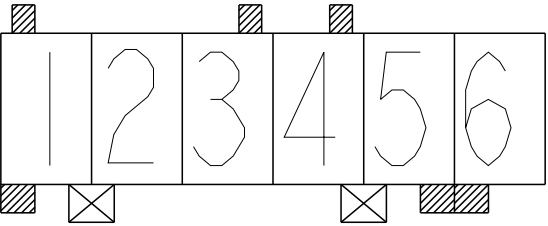
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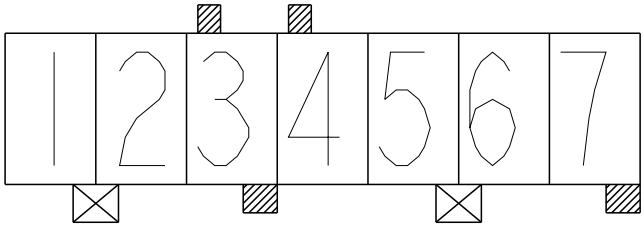
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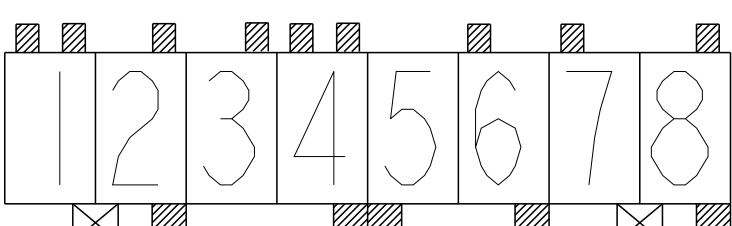
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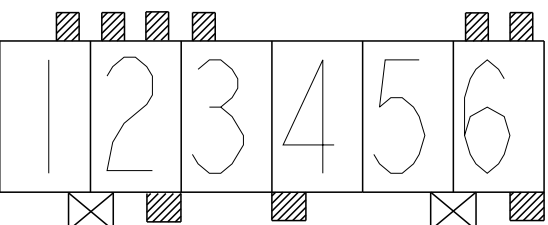
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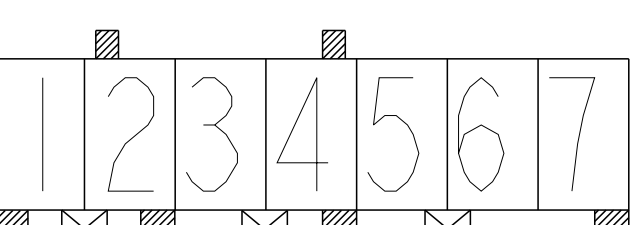
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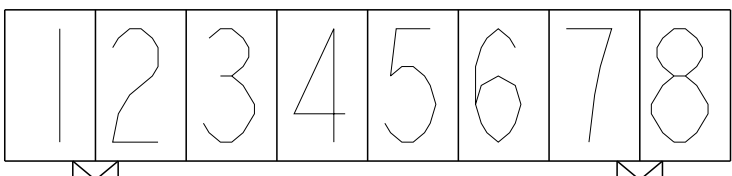
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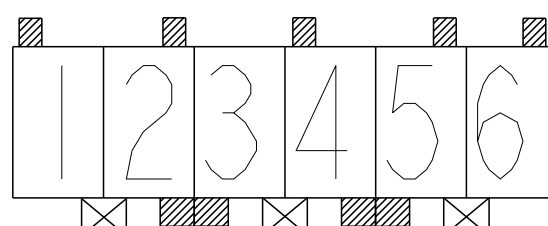
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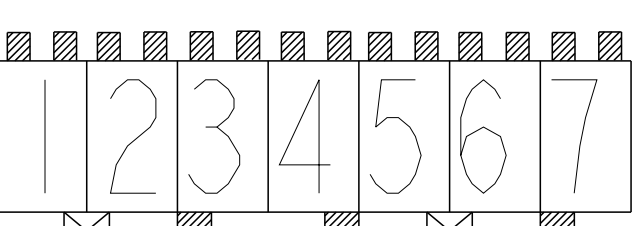
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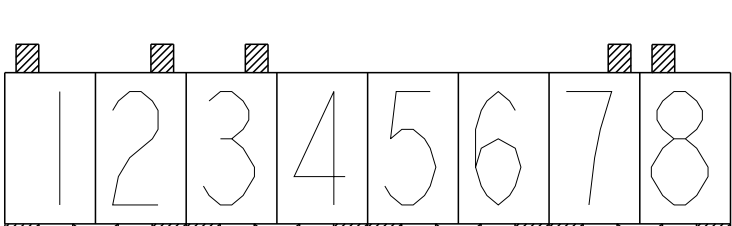
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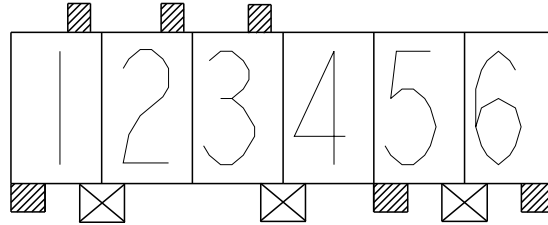
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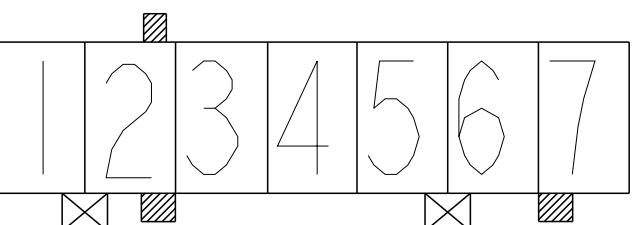
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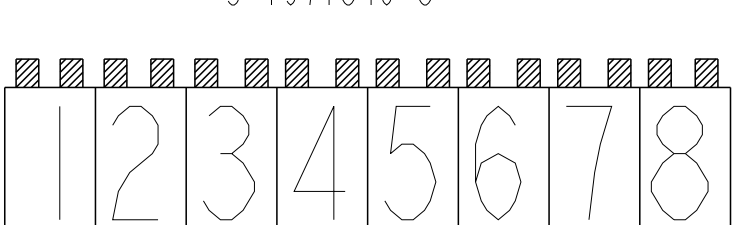
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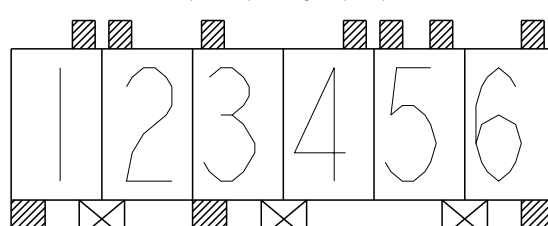
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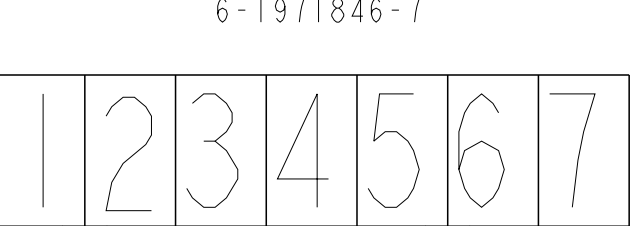
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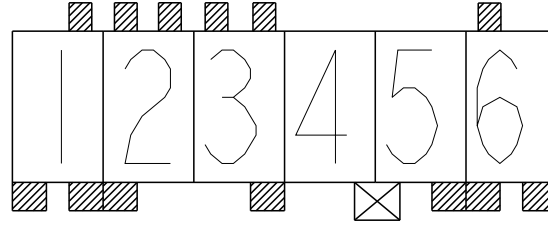
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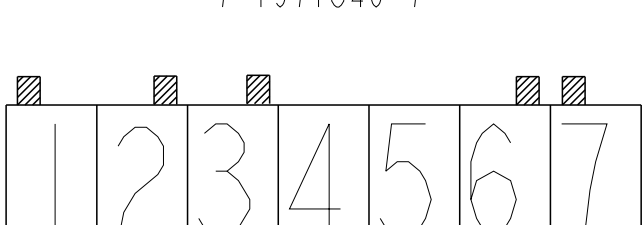
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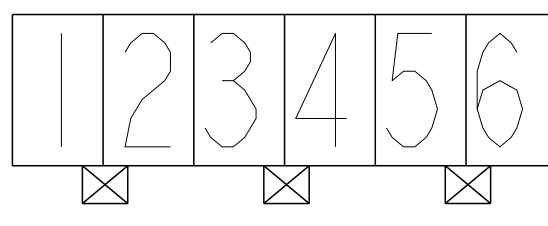
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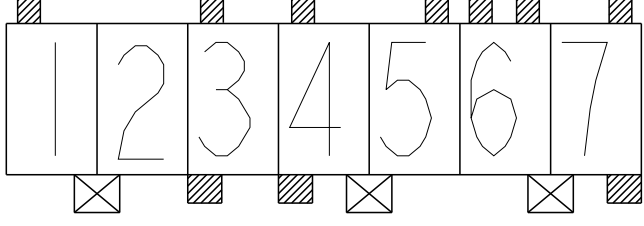
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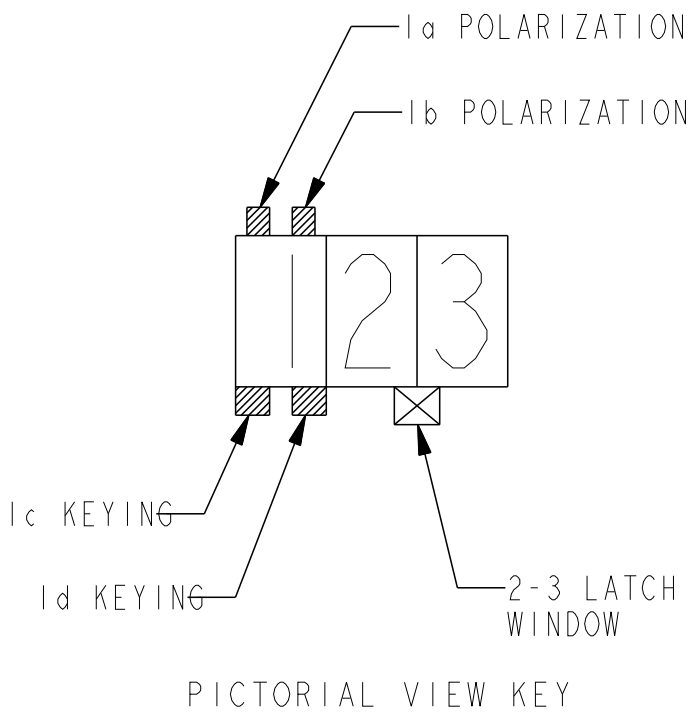
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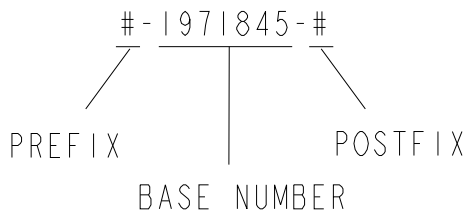
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9-1971846-7



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	SIZE: CAGE CODE: DRAWING NO:	
	1 PLC	±"	108-106080	A1 00779	
	2 PLC	±0.25	APPLICATION SPEC	RESTRICTED TO:	
	3 PLC	±"		©=1971845	
MATERIAL:	4 PLC	±"	WEIGHT:	SCALE: 8:1	
-	ANGLES	±2°	-	SHEET 5 OF 7	
-	FINISH	-	Customer Drawing	REV: B10	

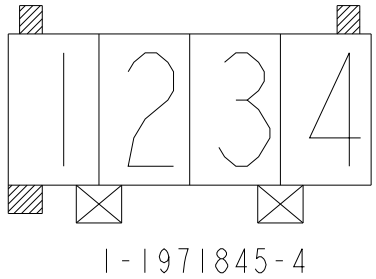
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
				SEE SHEET 1			

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

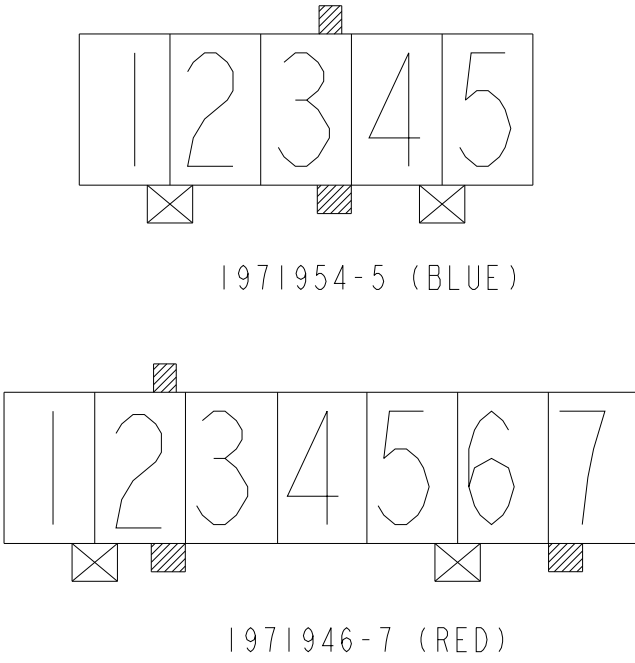


COLOR	PART NUMBER OF THE CONNECTOR					COMMENTS
	 WITH MATT TIN PLATING CONTACT (SPECIAL P/N: 2-1971895-4, 2-1971845-6, 6-1971845-5 5-1971845-8 AND 2-1971895-5 ARE WITH BRIGHT TIN)	WITH AG PLATING CONTACT				
NATURAL	#-1971845-#	#-1971895-#	#-1971846-#	#-1971896-#	#-2461804-# 	THE DETAIL P/N FOR DIFFERENT KEYING SEE SHEET 2-5 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-#	/	

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



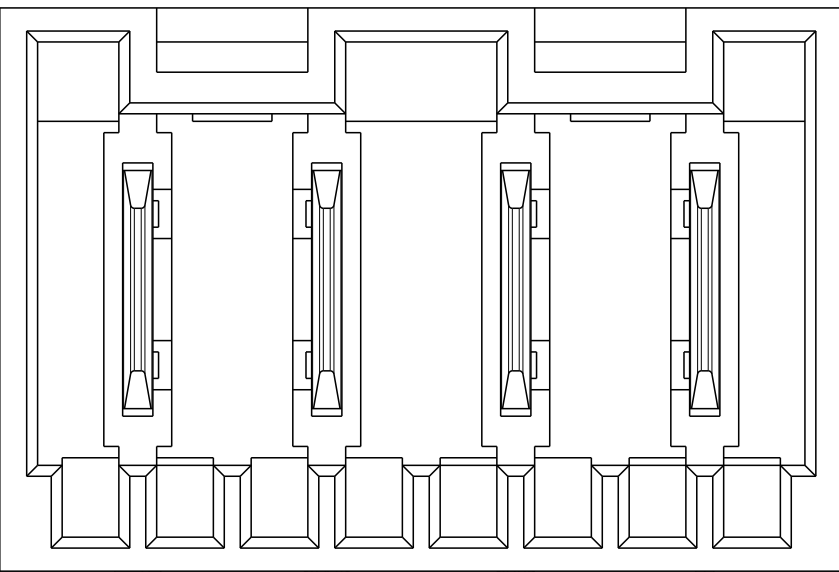
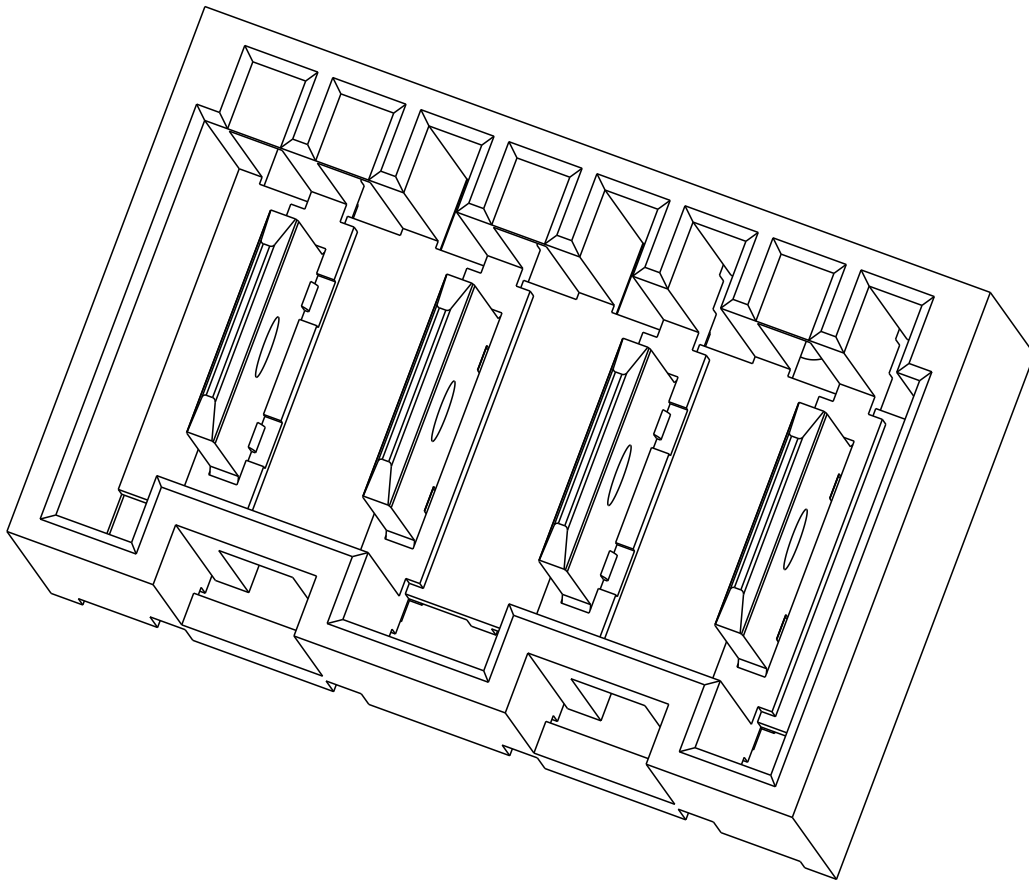
THERE ARE TWO EXEMPTION FOR COLOR PART NUMBERS



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-#	

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

△ HIGH RETENTION FORCE VERSION
DIMENSIONS SEE SHEET 1



△ 15 8	NATURAL	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	1-2565968-4
	COLOR	QTY	②	QTY	①	NO. OF POS.	TE PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN WRP	21Jan2013	TE Connectivity			
		CHK HAPYE	21Jan2013				
DIMENSIONS:		YHM	21Jan2013	NAME RAST 5 TAB HEADER ASSY DIN STYLE, TH, VERTICAL			
mm		APVD	YHM				
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC			
		0 PLC ±		108-106080			
		1 PLC ±0.25		APPLICATION SPEC			
		2 PLC ±		-			
MATERIAL		ANGLES		SIZE			
-		FINISH		CAGE CODE			
-		-		DRAWING NO			
-		-		RESTRICTED TO			
-		-		A100779			
-		-		©=1971845			
-		-		SCALE			
-		-		5:1			
-		-		SHEET			
-		-		7			
-		-		OF			
-		-		7			
-		-		REL			
-		-		10			