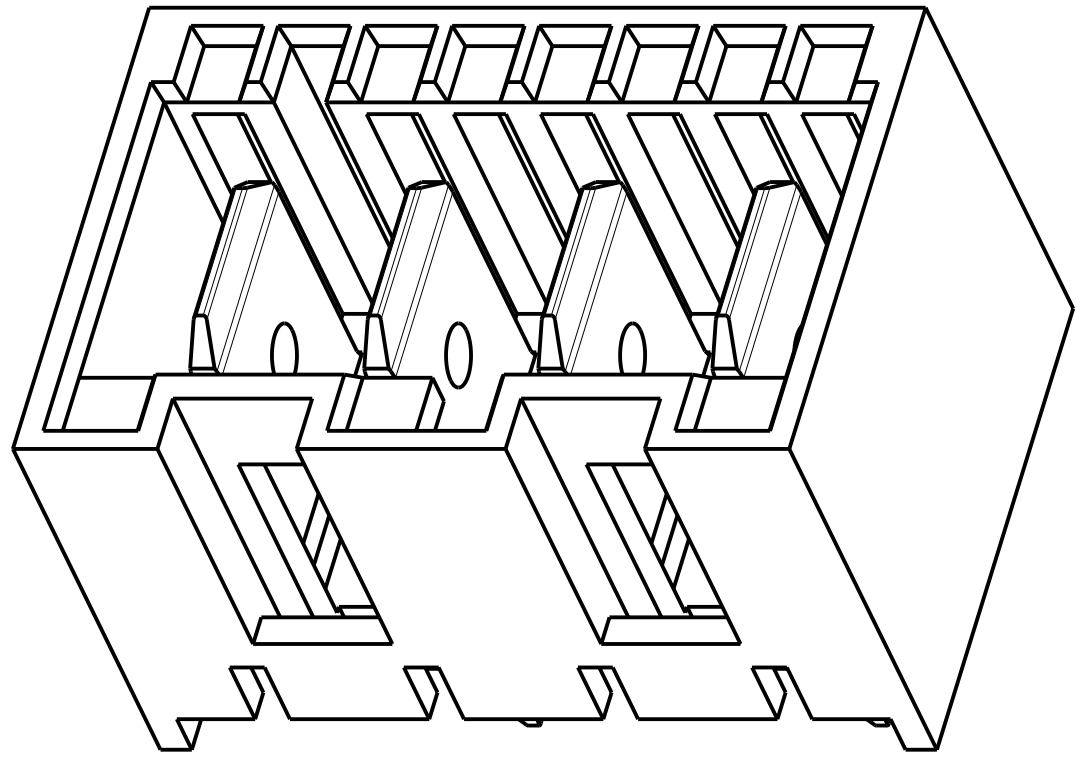
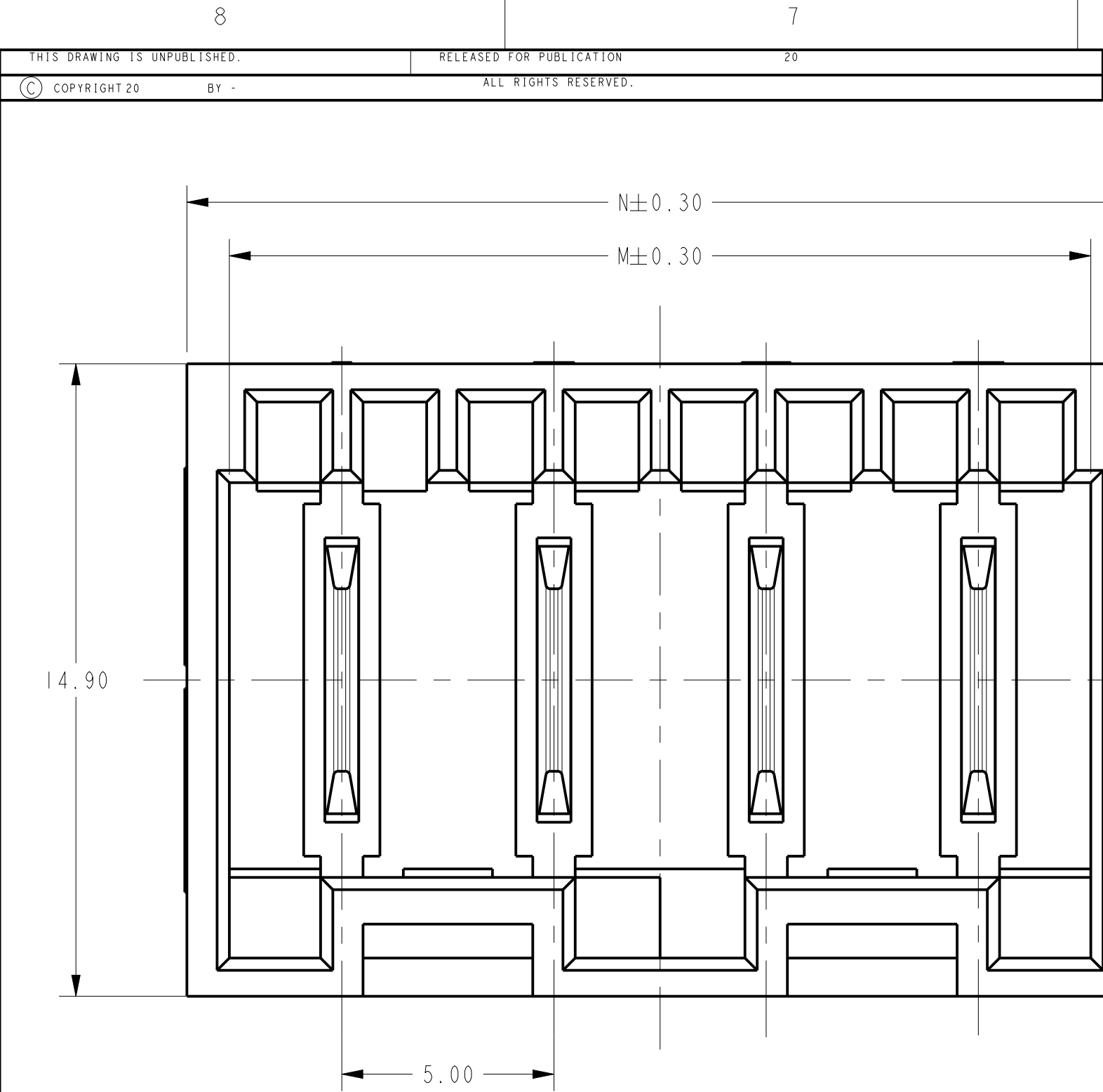
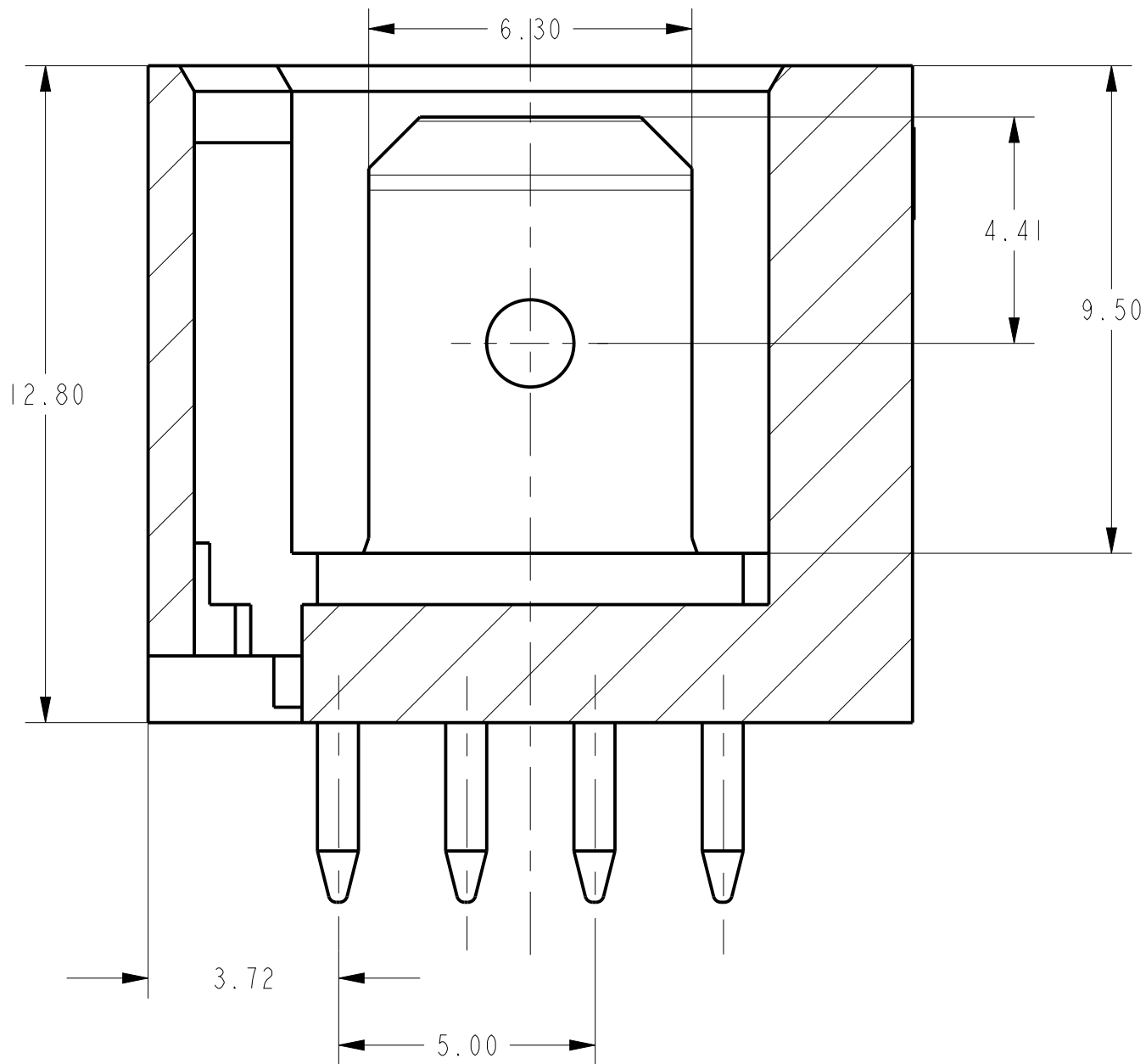
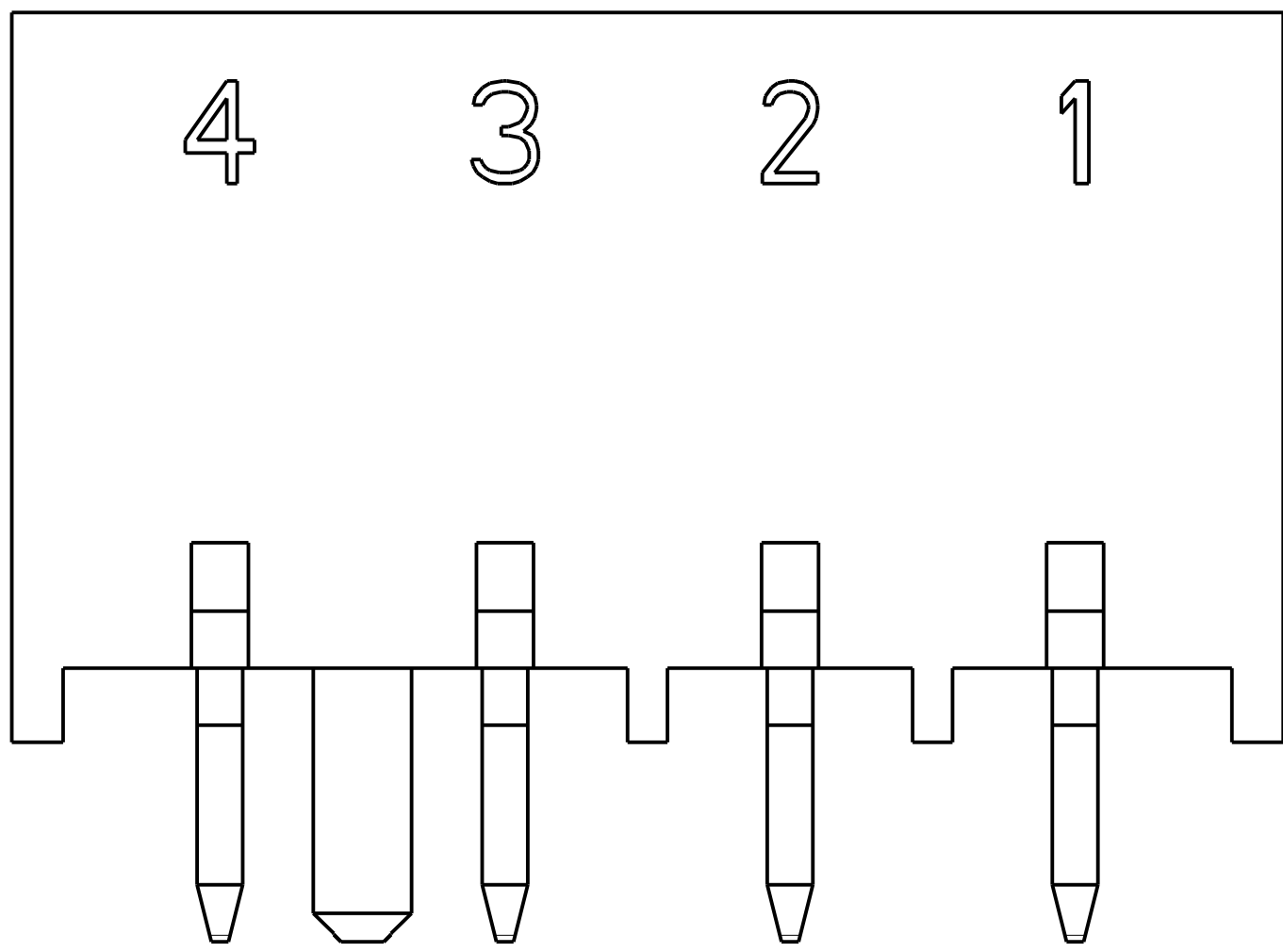
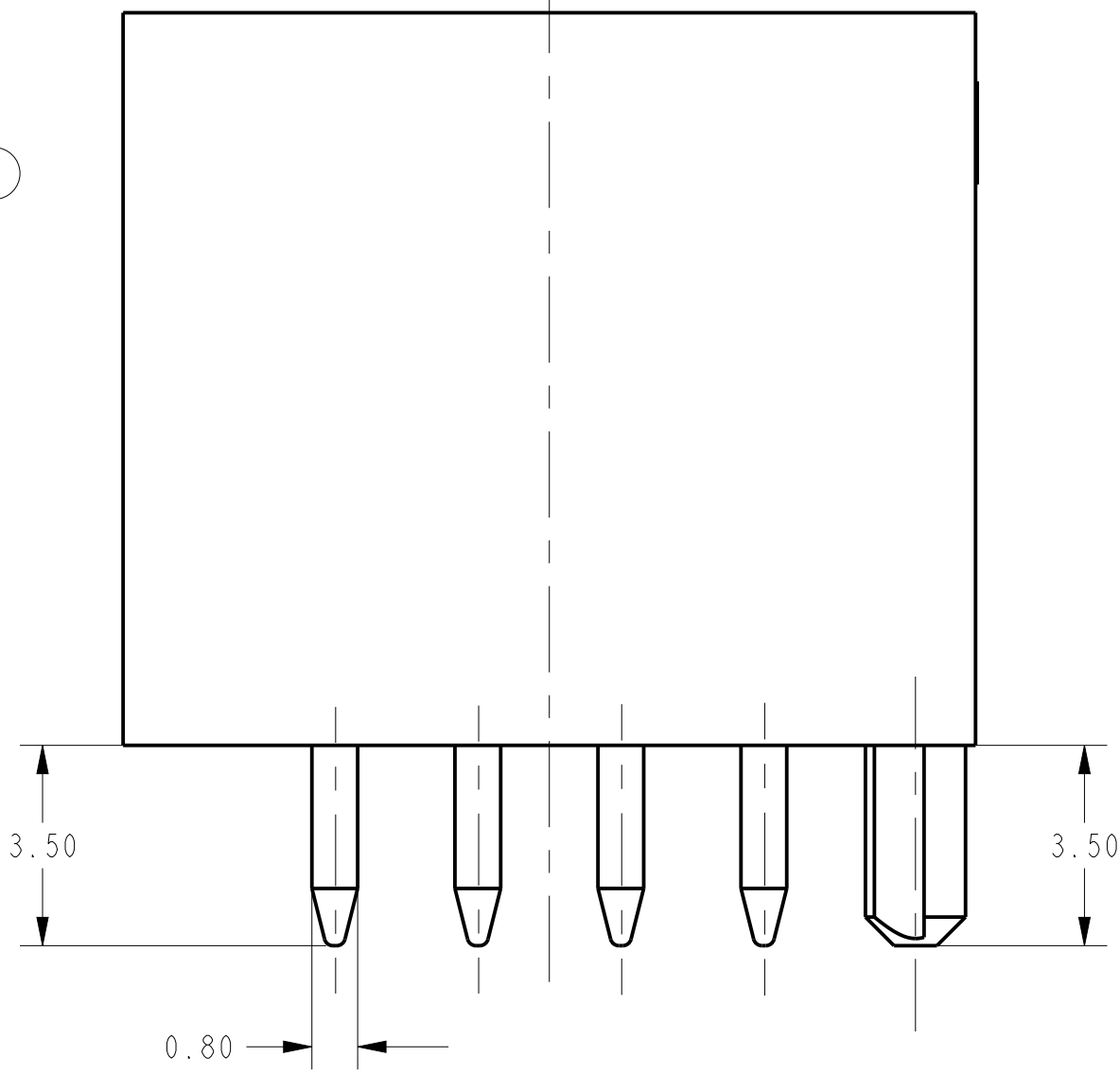
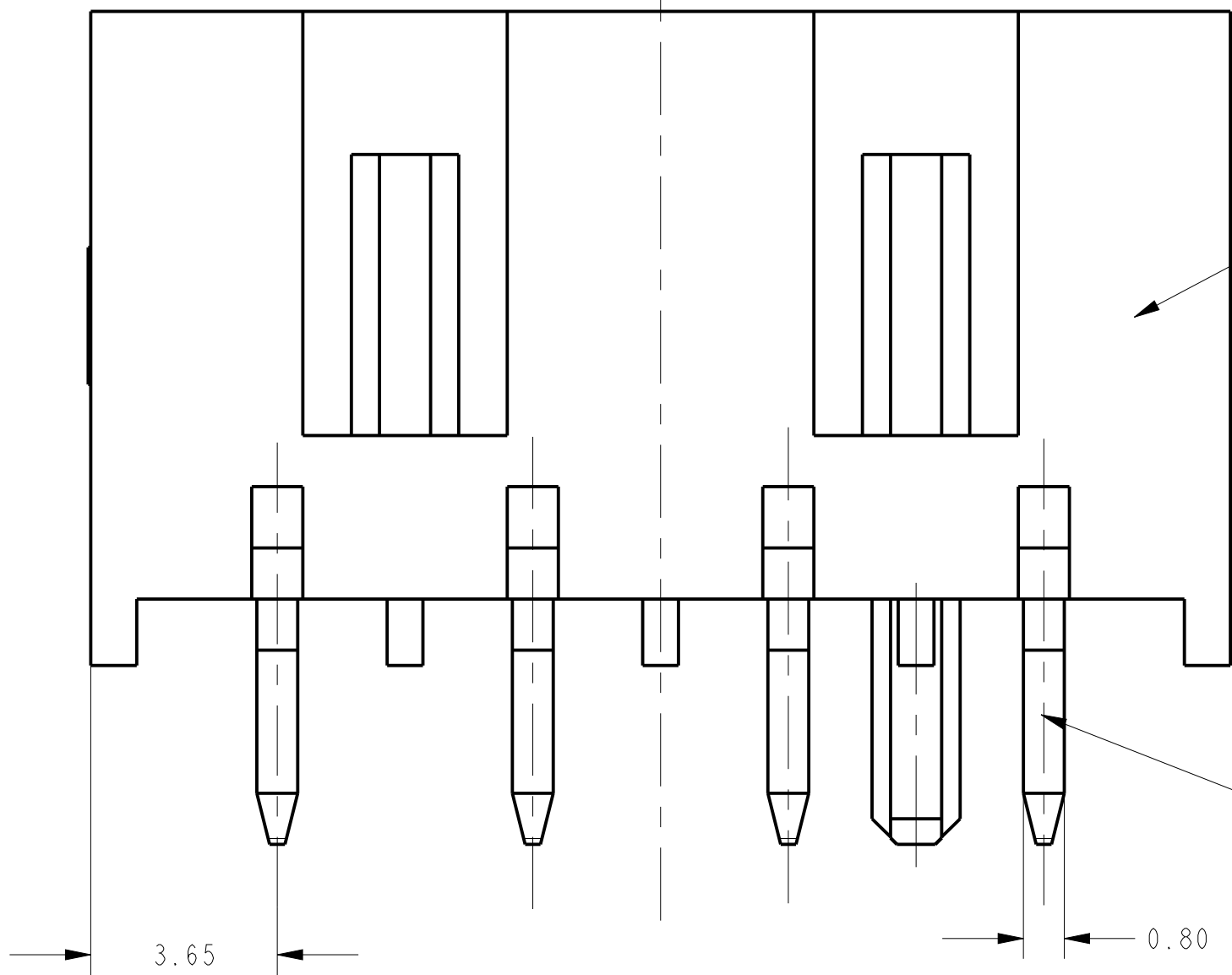


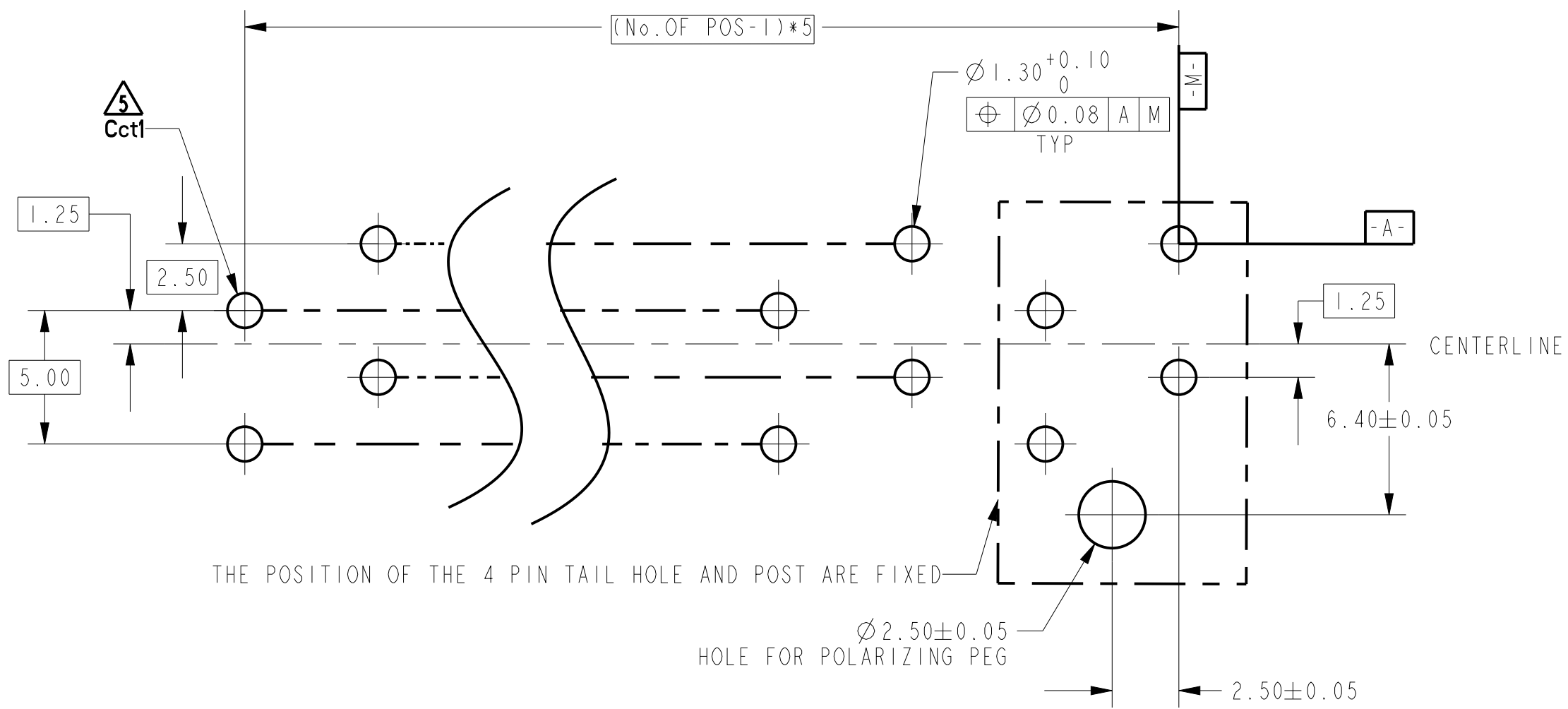


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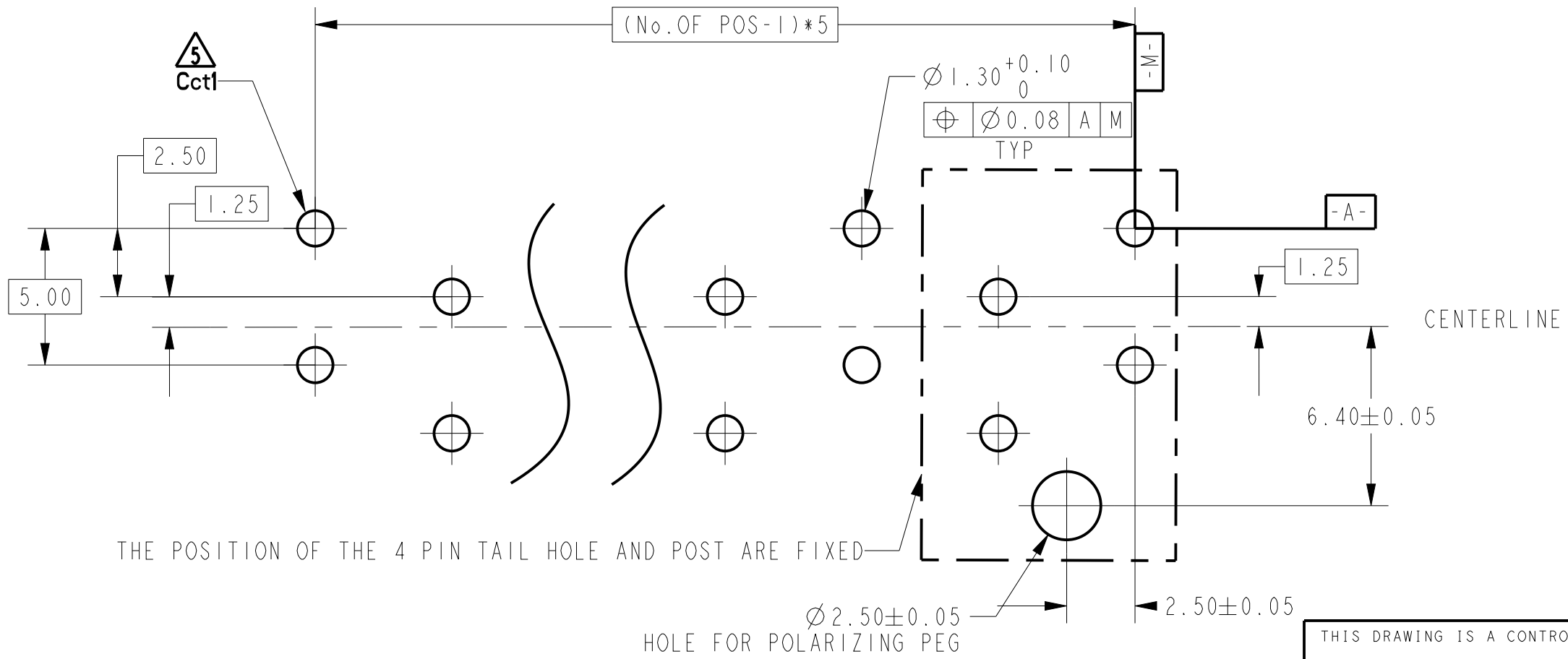
- HOUSING HAS RAST 5 COMPLIANT KEYING, LATCHING, AND POLARIZATION
TAB IS 6.30 X 0.8 ACCORDING TO DIN 46244
- SEE SHEET 2 FOR AVAILABLE CONFIGURATIONS
- MATERIAL: HOUSING, NYLON, UL94 V0, 750°C GWT NO FLAME
CONTACT, COPPER ALLOY, 0.8MM THICK
- FINISH: CONTACTS, MATT TIN PLATING OVERALL, NICKEL UNDER-PLATING
BRIGHT TIN PLATING OVERALL, NICKEL UNDER-PLATING
SILVER PLATING OVERALL, NICKEL UNDER-PLATING
- PCB TABS INSERTED IN A STAGGERED PATTERN BEGINNING WITH
POSITION 1 (C_{ct}+1)
- 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
- 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.
- PRELIMINARY PART, NOT RELEASED FOR PRODUCTION.
- 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.
- FOR P/N: 5-1971845-8, 2-1971845-6, 6-1971845-5 AND 2-1971895-5:
1) THE CONTACTS ARE WITH BRIGHT TIN PLATING.
- PART NUMBERS WITH TUBE PACKAGING



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 TE Connectivity	
DIMENSIONS:		CHK: HAPYE	21Jan2013		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: YHM	21Jan2013		
mm		PRODUCT SPEC	NAME		
0 PLC ±		108-106080	SIZE	RAST 5 TAB HEADER ASSY	
1 PLC ±		APPLICATION SPEC	CAGE CODE	DIN STYLE, TH, VERTICAL	
2 PLC ±		WEIGHT	DRAWING NO	-	
3 PLC ±		Customer Drawing	00779	-	
4 PLC ±		SCALE	8:1	SHEET 1 OF 6	
ANGLES FINISH		REV	B		

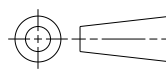
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

NATURAL	8	TAB CONTACT MATT TIN PLATING (5-1971845-8, 6-1971845-5, 2-1971845-6 AND 2-1971895-5 WITH BRIGHT TIN)	I	RAST 5 TAB HEADER HOUSING,8P. (SEE THE DETAIL LAYOUT ON SHEET 5)	8	6-1971845-8
						5-1971845-8 
						4-1971845-8
						3-1971845-8
						2-1971845-8
						1-1971845-8
1971845-8						
NATURAL	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 	
					1-1971845-6	
					1971845-6	
1971954-5						
NATURAL	5	I	RAST 5 TAB HEADER HOUSING,5P. (SEE THE DETAIL LAYOUT ON SHEET 4)	5	 2-1971895-5 	
					1-1971895-5	
					1971895-5	
					9-1971845-5	
					8-1971845-5	
					7-1971845-5	
					6-1971845-5 	
					5-1971845-5	
					4-1971845-5	
					3-1971845-5	
					2-1971845-5	
					1-1971845-5	
1971845-5						
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	2298030-4
							9-1971895-4
							8-1971895-4 
							7-1971895-4
							6-1971895-4
							5-1971895-4
							4-1971895-4
							3-1971895-4
							2-1971895-4 
							1-1971895-4
							1971895-4
				 9-2304591-4			
	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							
3	1	3	5-1971895-3				
			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							
2	1	2	7-1971895-2				
			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.

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 21Jan2013

PRODUCT SPEC
108-106080

APPLICATION SPEC
-

WEIGHT
-

Customer Drawing

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

SIZE
A1

CAGE CODE
00779

DRAWING NO.
©=1971845

RESTRICTED TO
-

SCALE
8:1

SHEET
2

OF
6

REV
B

 TE Connectivity

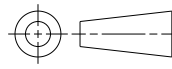
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

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 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
	7		I	RAST 5 TAB HEADER HOUSING,7P,NATURE (SEE THE DETAIL LAYOUT ON SHEET 5)	7	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
	6		I	RAST 5 TAB HEADER HOUSING,6P,NATURE (SEE THE DETAIL LAYOUT ON SHEET 5)	6	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
	5		I	RAST 5 TAB HEADER HOUSING,5P,NATURE (SEE THE DETAIL LAYOUT ON SHEET 4)	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	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 5-1971846-2 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.

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 21Jan2013

PRODUCT SPEC
108-106080

APPLICATION SPEC

WEIGHT -

Customer Drawing

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

SIZE
A1

CAGE CODE
00779

DRAWING NO.
©=1971845

RESTRICTED TO
-

SCALE
8:1

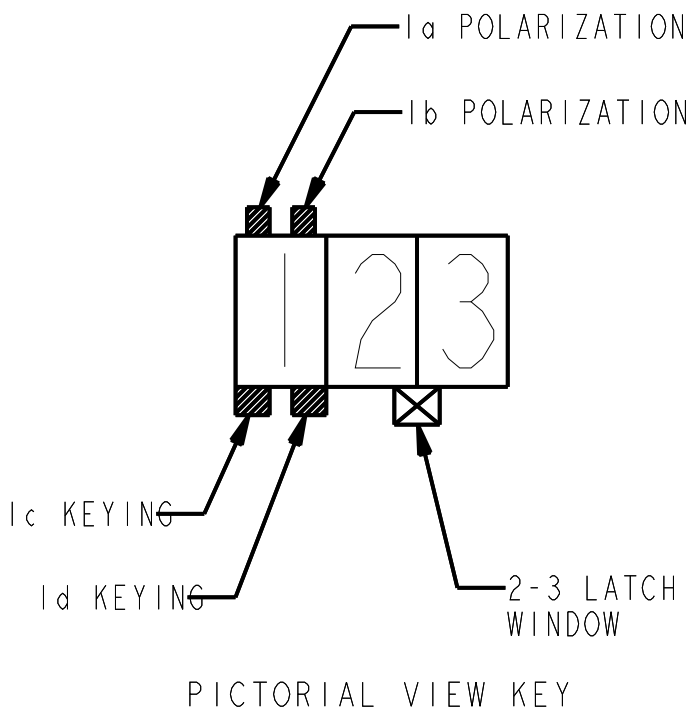
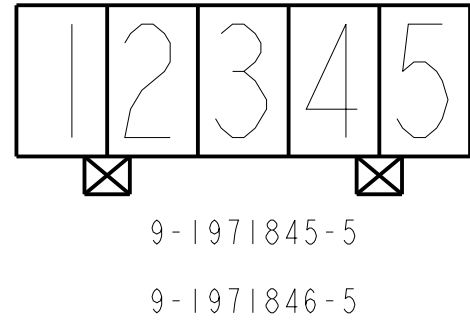
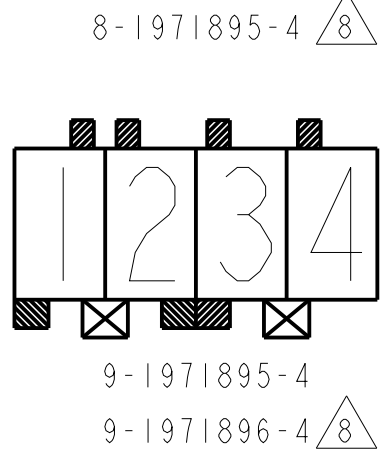
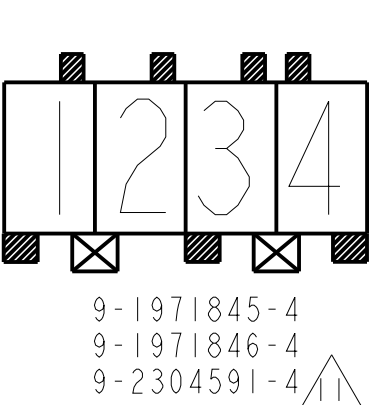
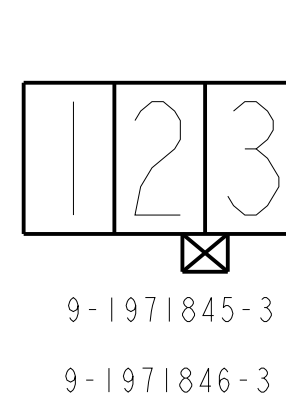
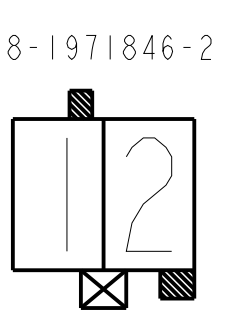
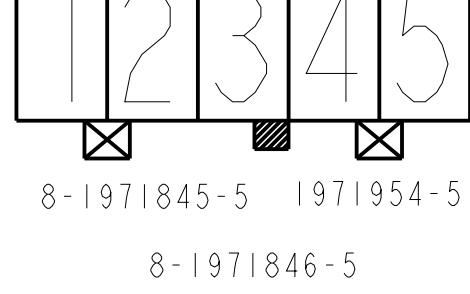
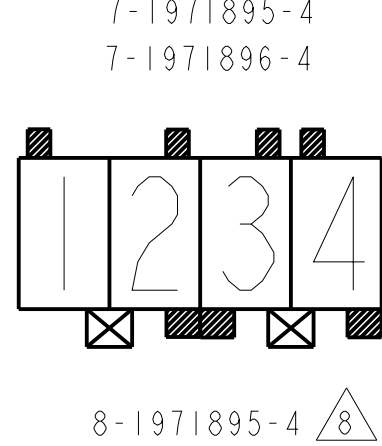
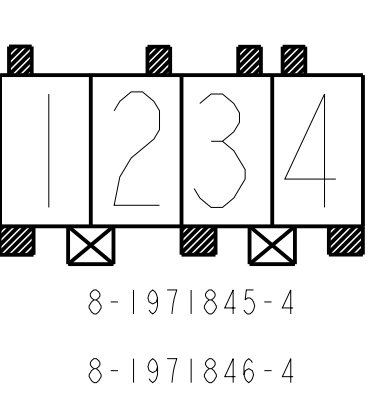
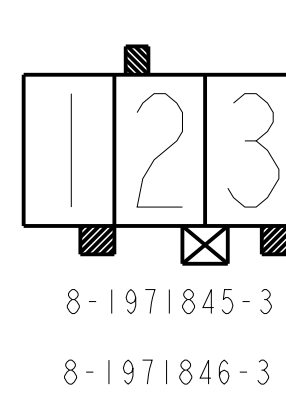
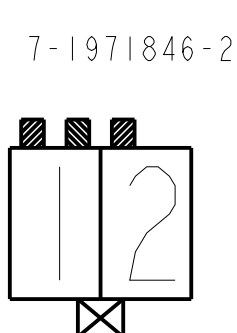
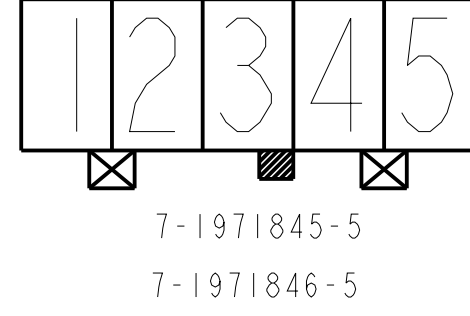
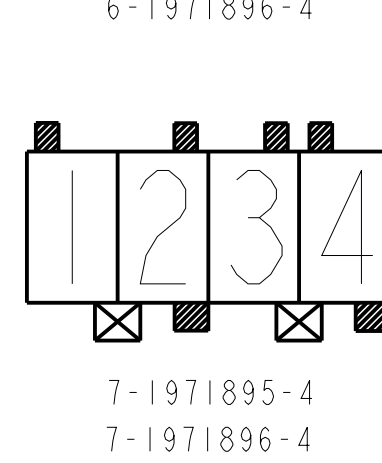
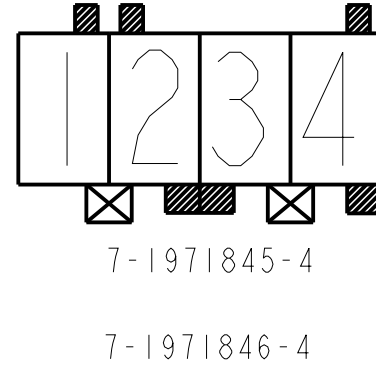
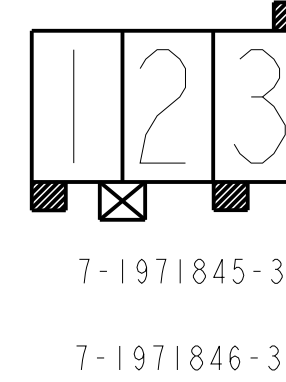
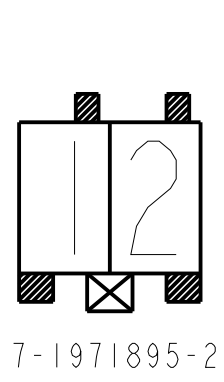
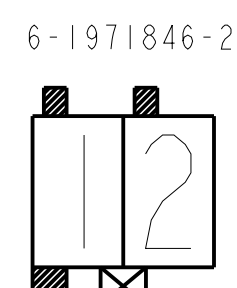
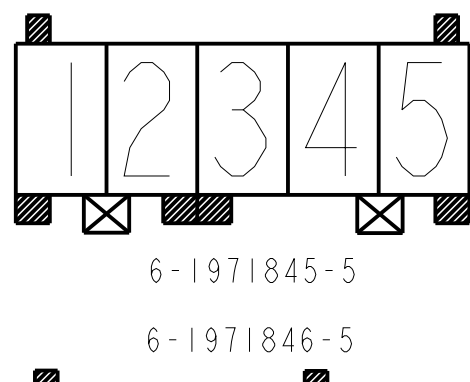
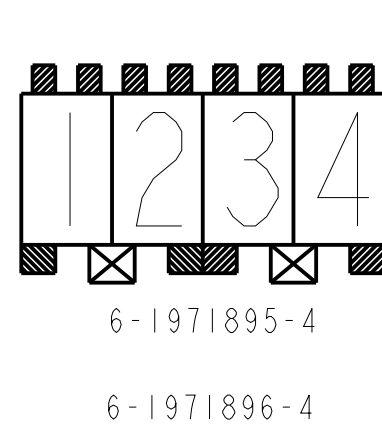
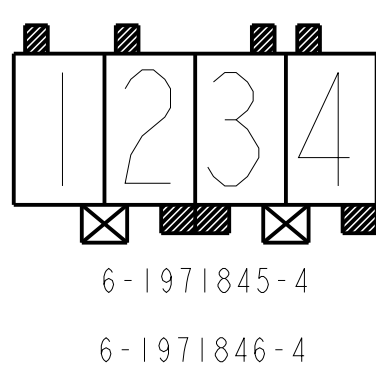
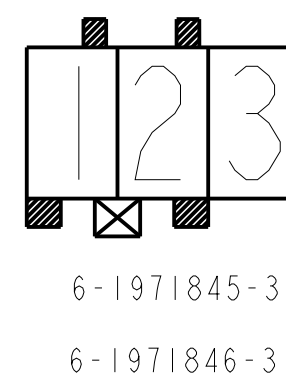
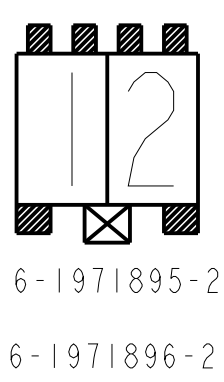
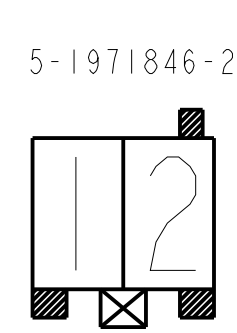
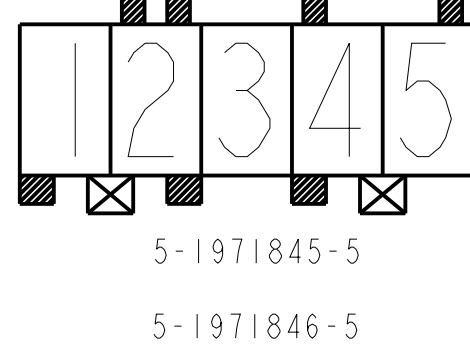
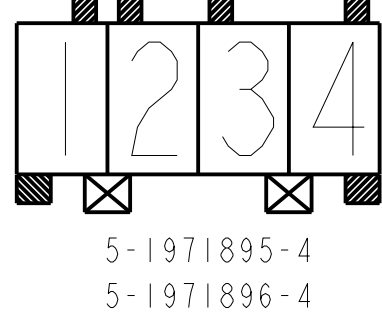
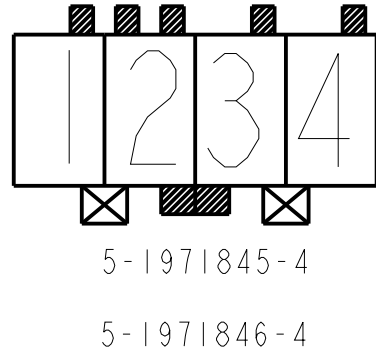
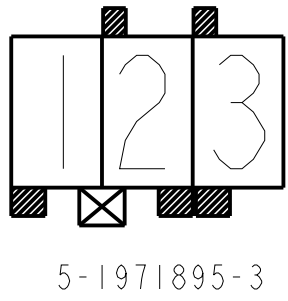
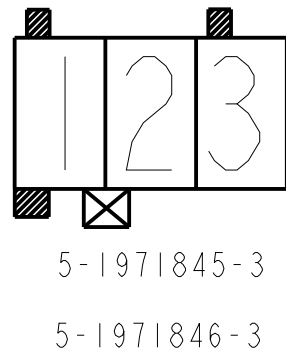
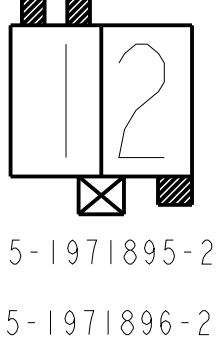
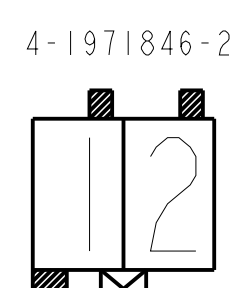
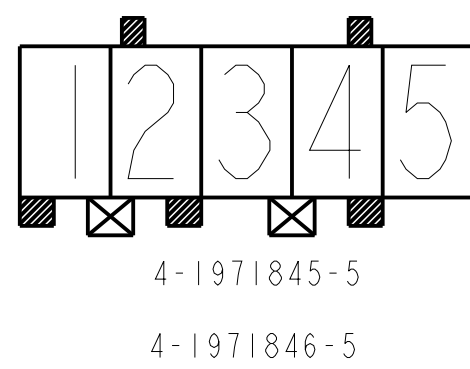
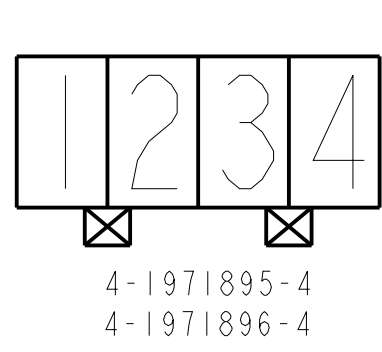
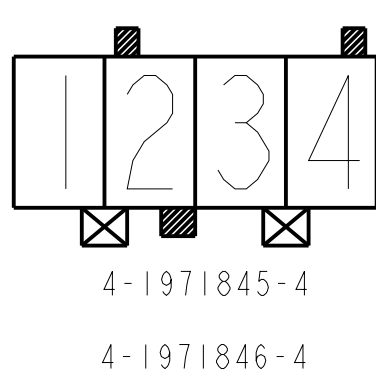
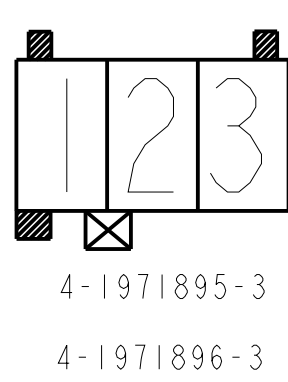
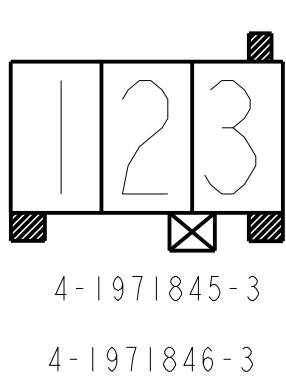
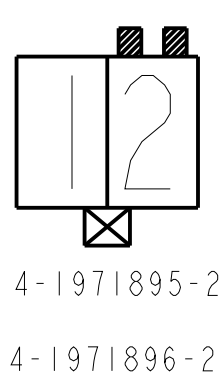
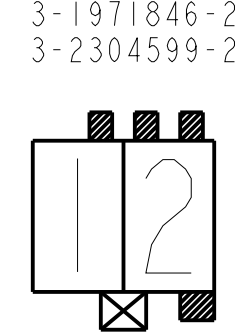
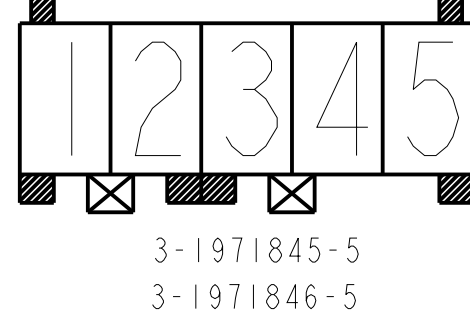
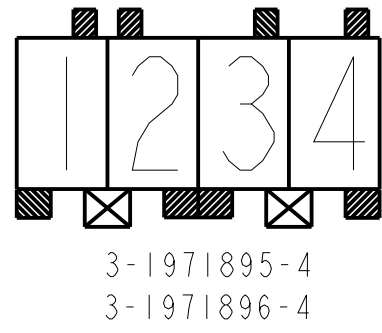
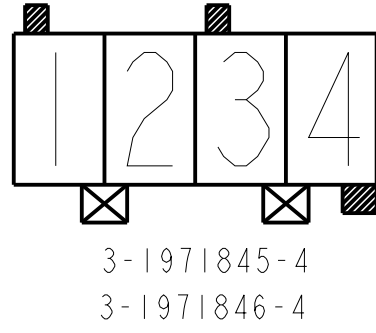
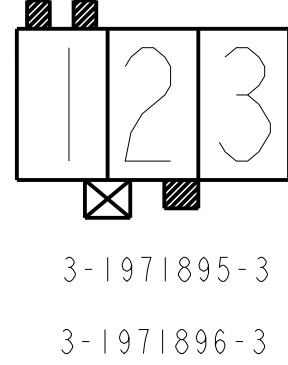
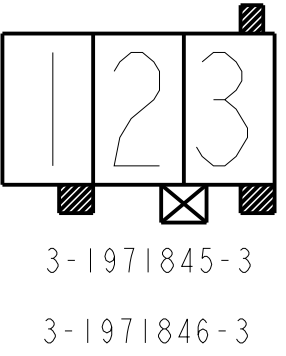
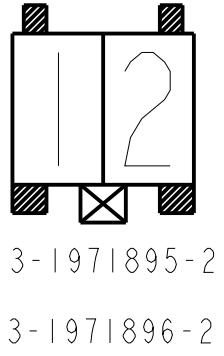
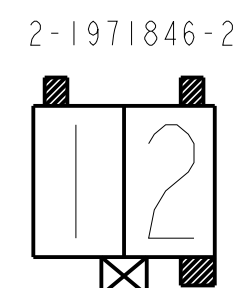
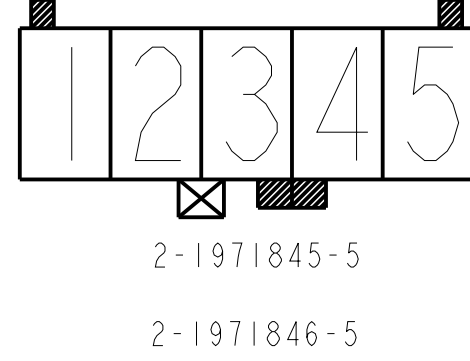
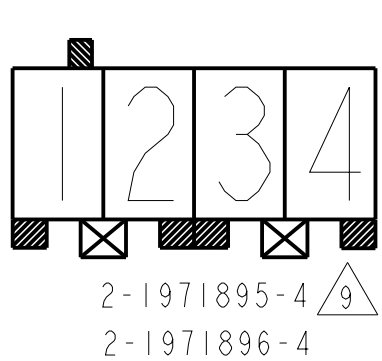
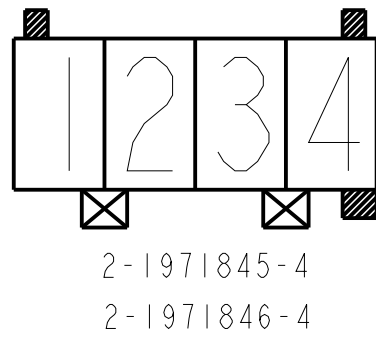
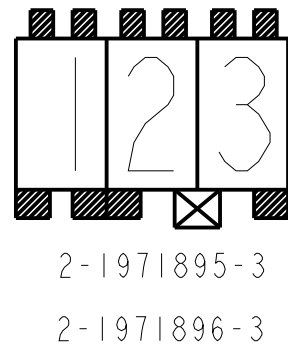
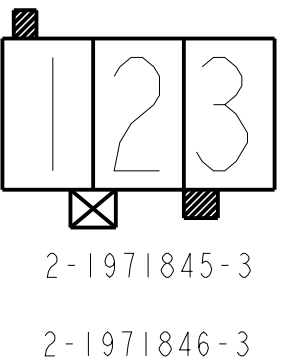
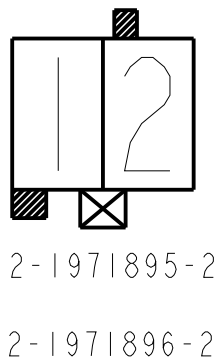
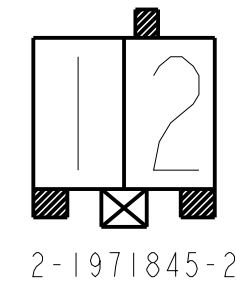
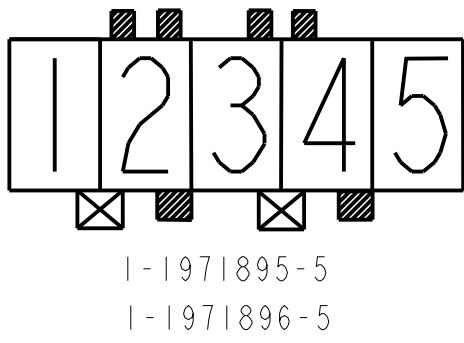
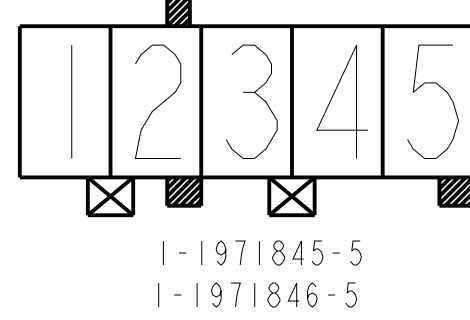
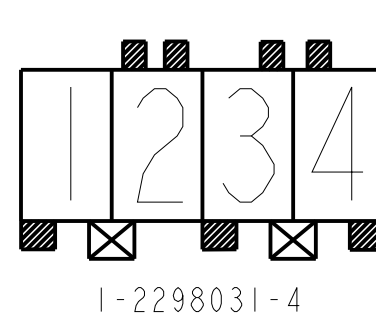
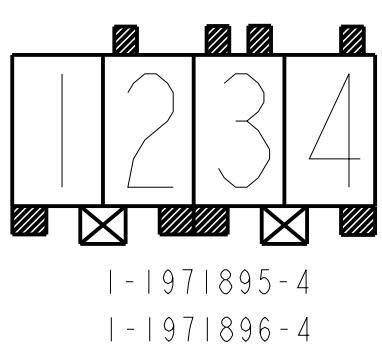
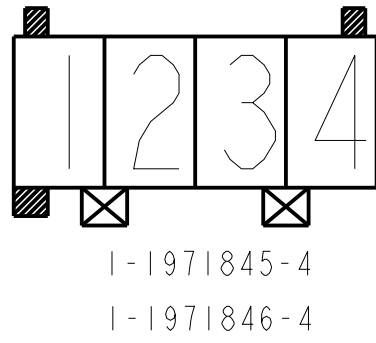
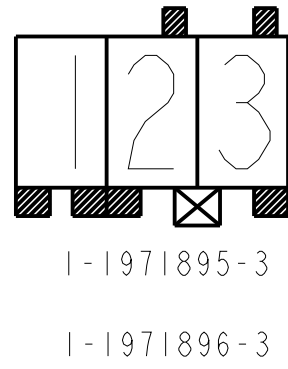
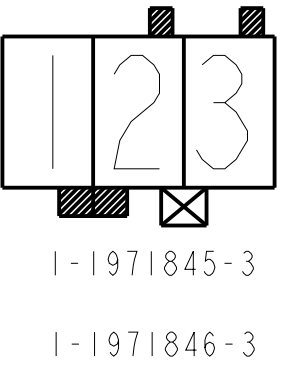
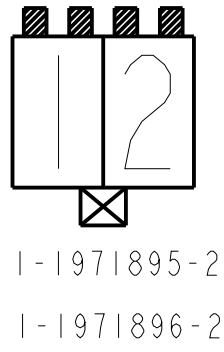
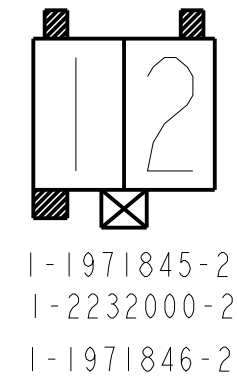
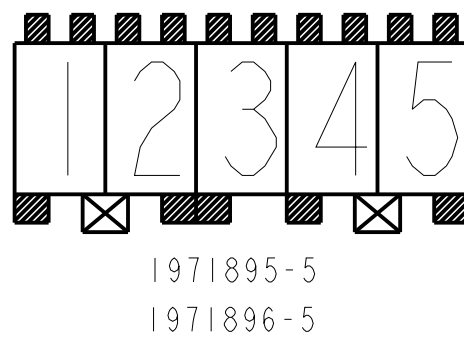
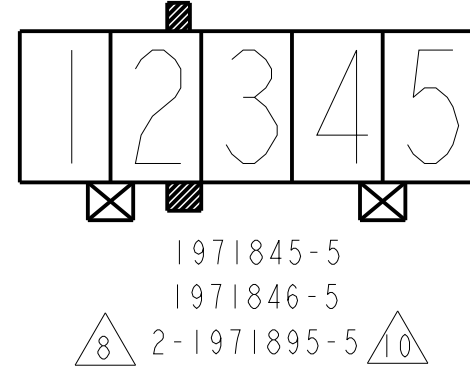
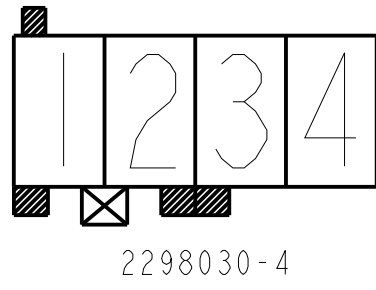
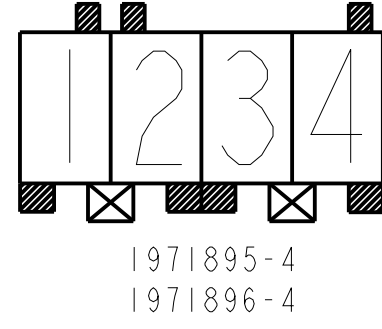
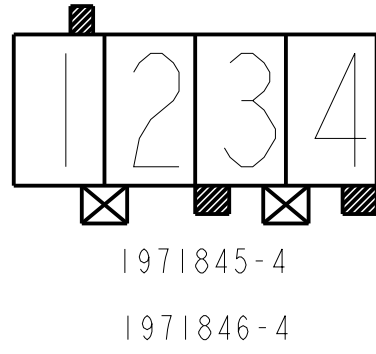
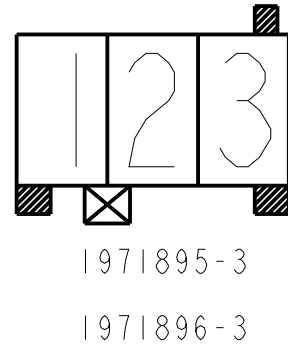
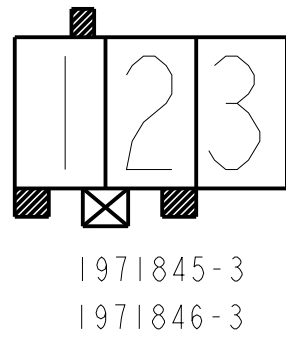
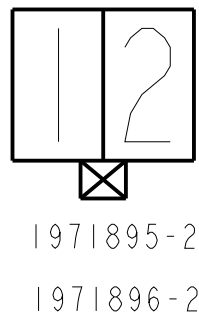
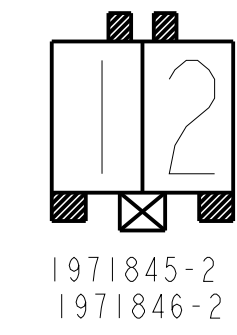
SHEET
3

OF
6

REV
B

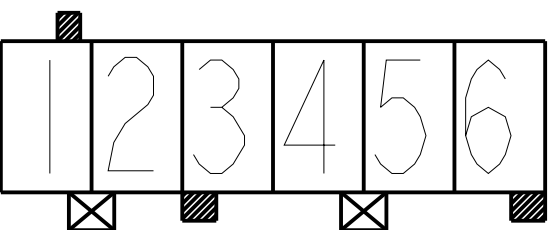
TE Connectivity

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

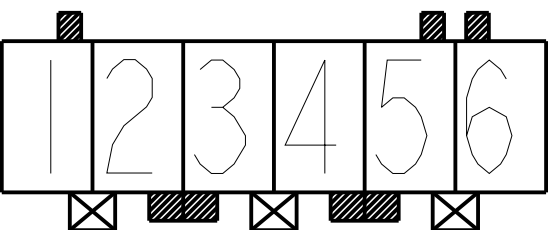


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: WRP 21Jan2013	TE Connectivity	
DIMENSIONS:		CHK: HAPYE 21Jan2013		
mm		APVD: YHM 21Jan2013	NAME: RAST 5 TAB HEADER ASSY DIN STYLE, TH, VERTICAL	
		PRODUCT SPEC	SIZE: A1	
		APPLICATION SPEC	CAGE CODE: 00779	
MATERIAL: -		WEIGHT: -	DRAWING NO: 1971845	
FINISH: -		Customer Drawing		RESTRICTED TO: -
		SCALE: 8:1	SHEET: 4 OF 6	REV: B

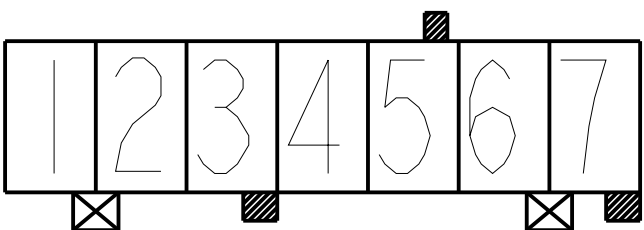
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-



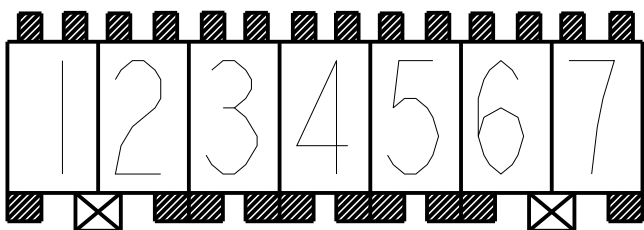
1971845-6
1971846-6



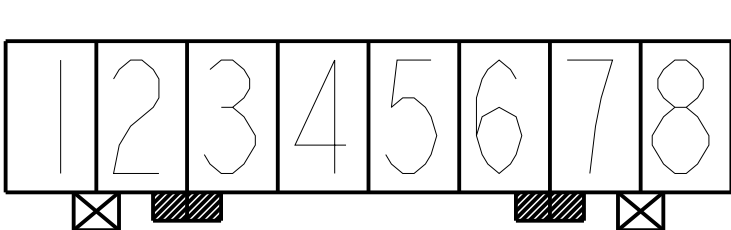
1971895-6
1971896-6



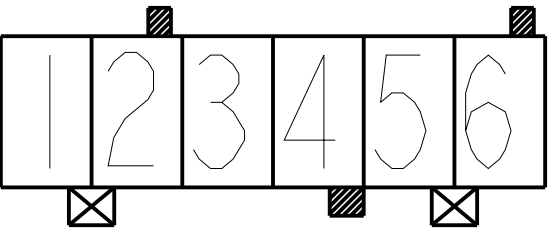
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1971846-7



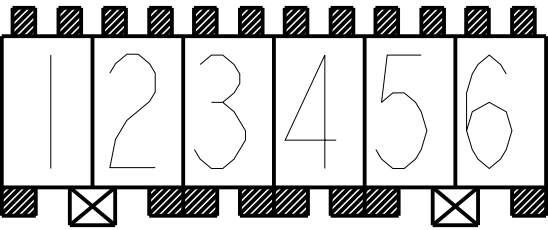
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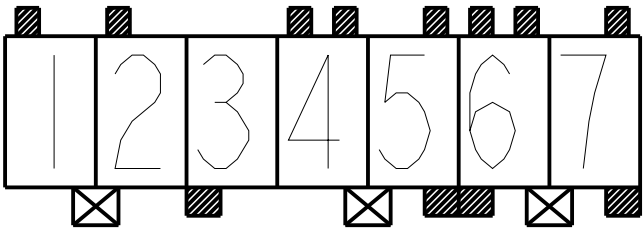
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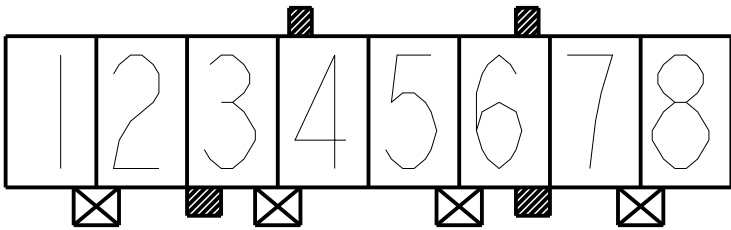
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1-1971846-6



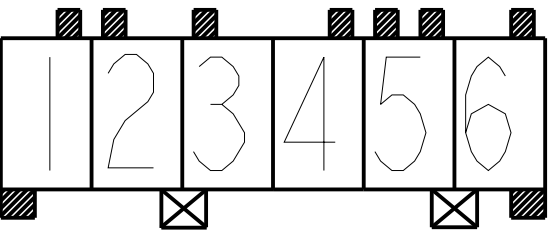
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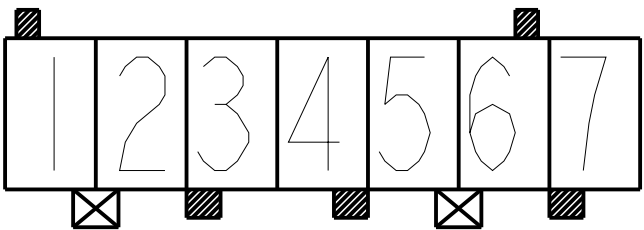
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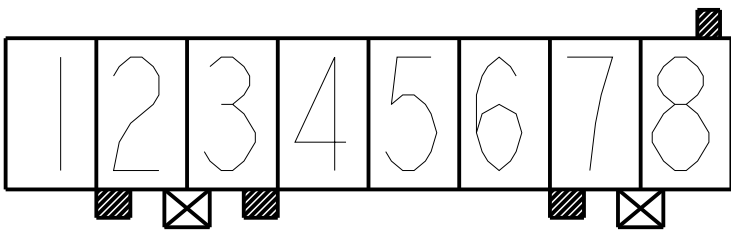
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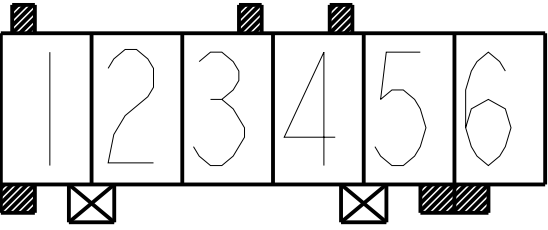
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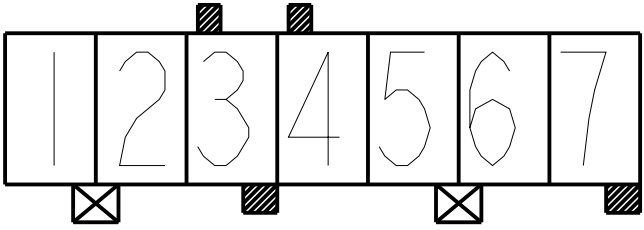
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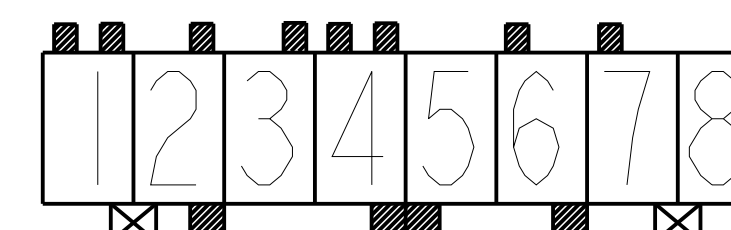
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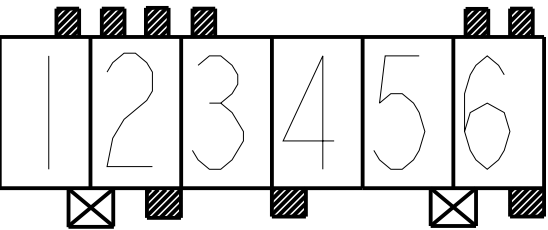
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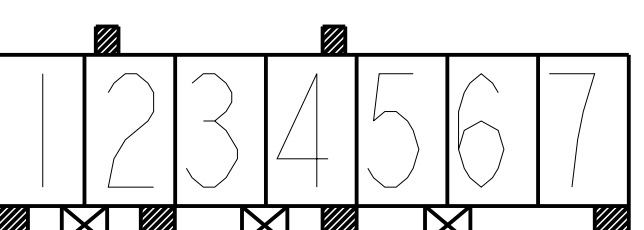
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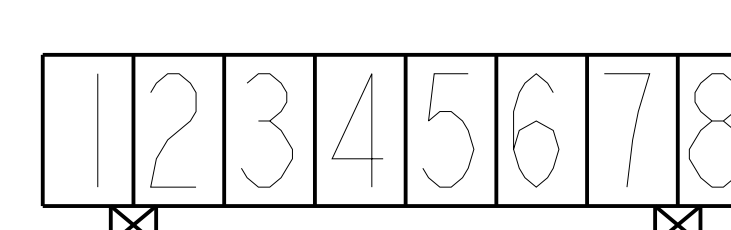
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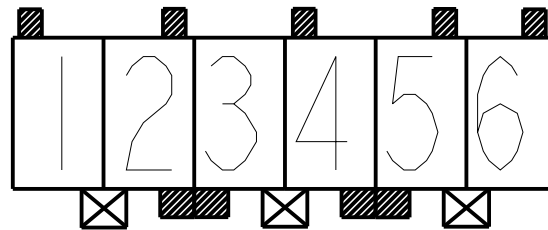
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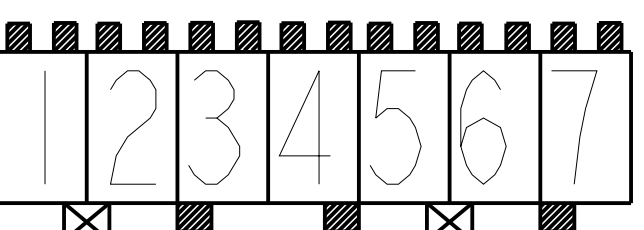
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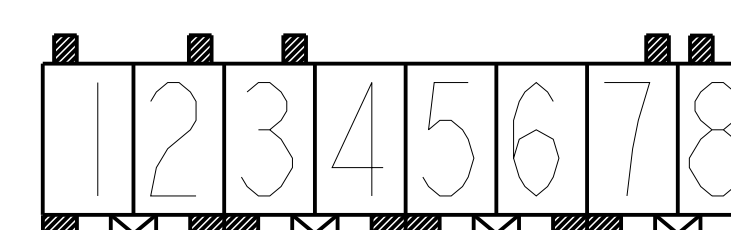
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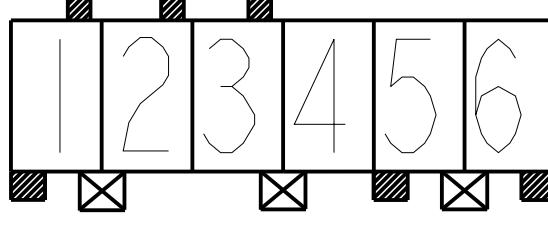
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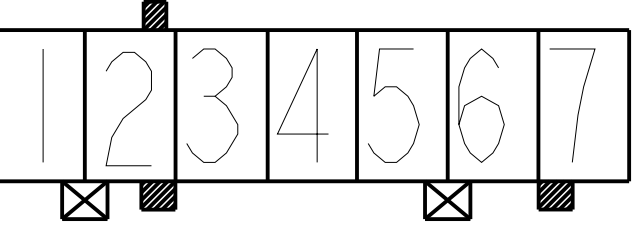
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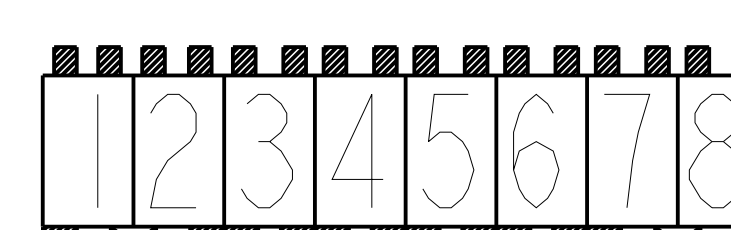
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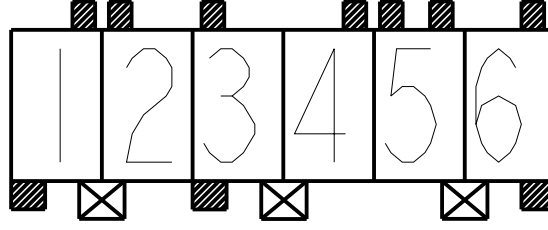
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6-1971846-6



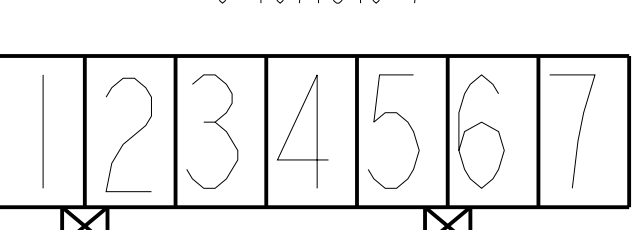
6-1971845-7
1971946-7



6-1971845-8
6-1971846-8



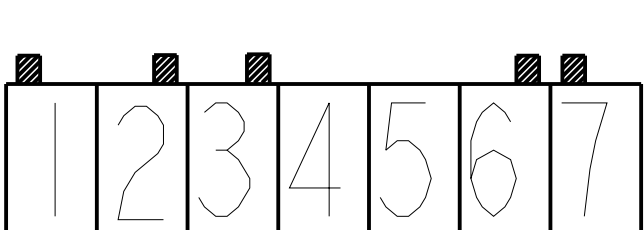
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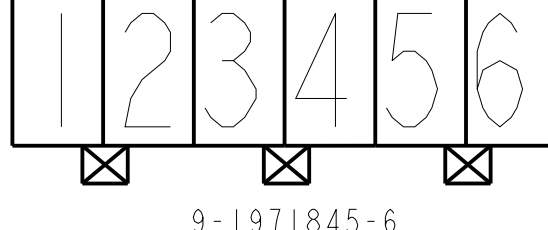
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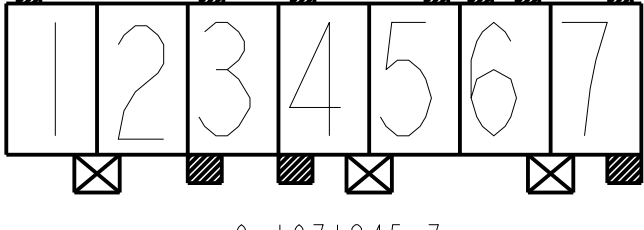
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8-1971846-6



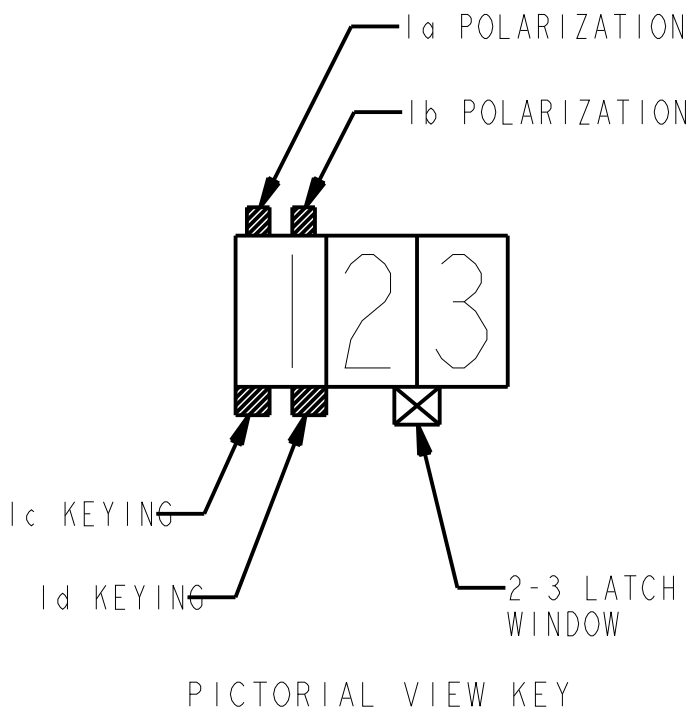
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9-1971845-6
9-1971846-6



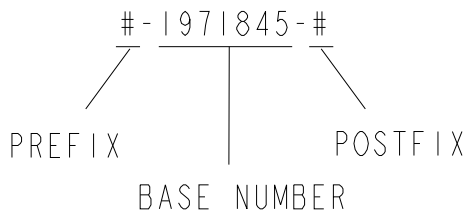
9-1971845-7
9-1971846-7



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: WRP	21Jan2013	TE Connectivity	
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: A1	
	1 PLC ±	108-106080		CAGE CODE: 00779	
	2 PLC ±	APPLICATION SPEC		DRAWING NO: 1971845	
	3 PLC ±	WEIGHT: -		RESTRICTED TO: -	
MATERIAL: -	ANGLES: ±	Customer Drawing		SCALE: 8:1	
-	FINISH: -			SHEET: 5 OF 6	
				REV: B	

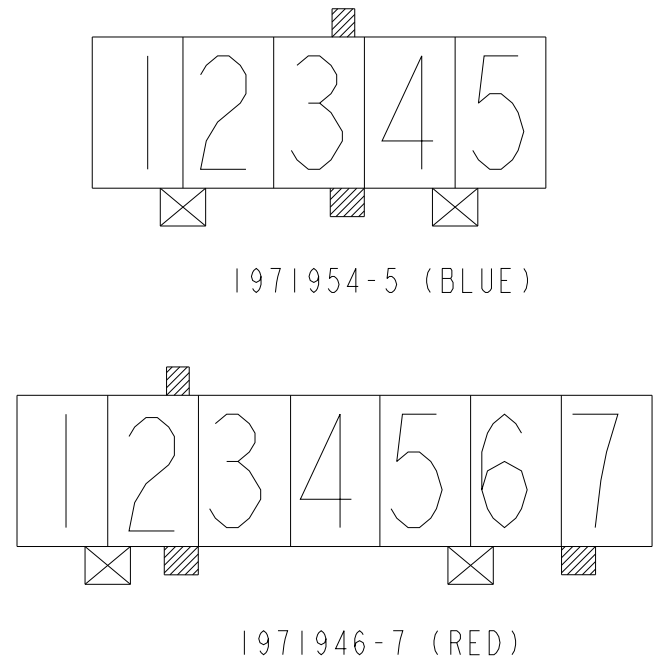
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

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

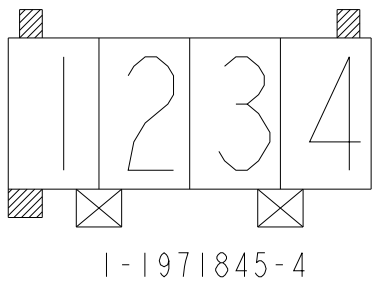


COLOR	PART NUMBER OF THE CONNECTOR				COMMENTS
	WITH MATT TIN PLATING CONTACT (SPECIAL P/N: 2-1971895-4, 2-1971845-6, 6-1971845-5, 5-1971845-8 AND 2-1971895-5 ARE WITH BRIGHT TIN)		WITH AG PLATING CONTACT		
NATURAL	#-1971845-#	#-1971895-#	#-1971846-#	#-1971896-#	THE PREFIX AND POSTFIX ARE THE SAME WITH 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-#	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: WRP

21Jan2013

CHK: HAPYE

21Jan2013

APVD: YHM

21Jan2013

TE Connectivity

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

DIMENSTIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±

2 PLC ±0.25

3 PLC ±

4 PLC ±

ANGLES ±2°

FINISH

PRODUCT SPEC: 108-106080

APPLICATION SPEC: -

WEIGHT: -

Customer Drawing

SIZE: A1

CAGE CODE: 00779

DRAWING NO: 1971845

RESTRICTED TO: -

SCALE: 8:1

SHEET: 6 OF 6

REV: B