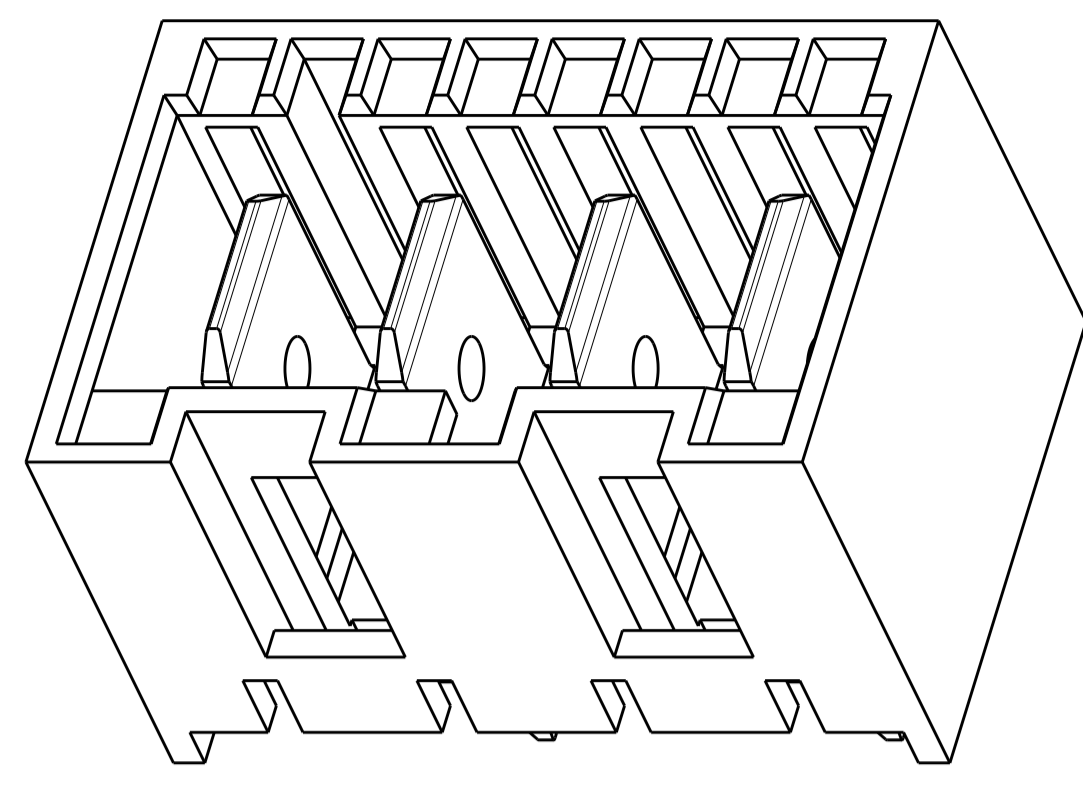
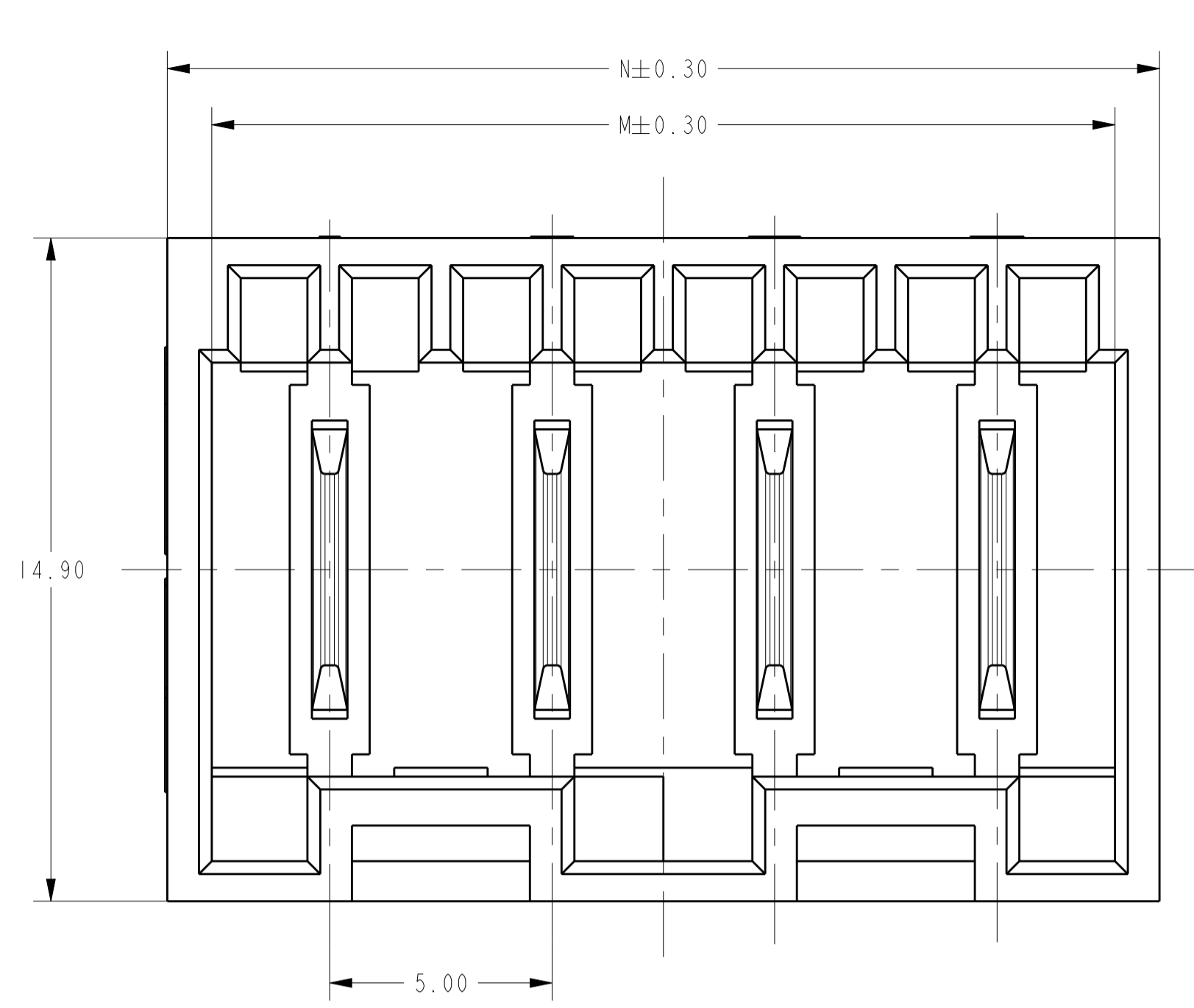
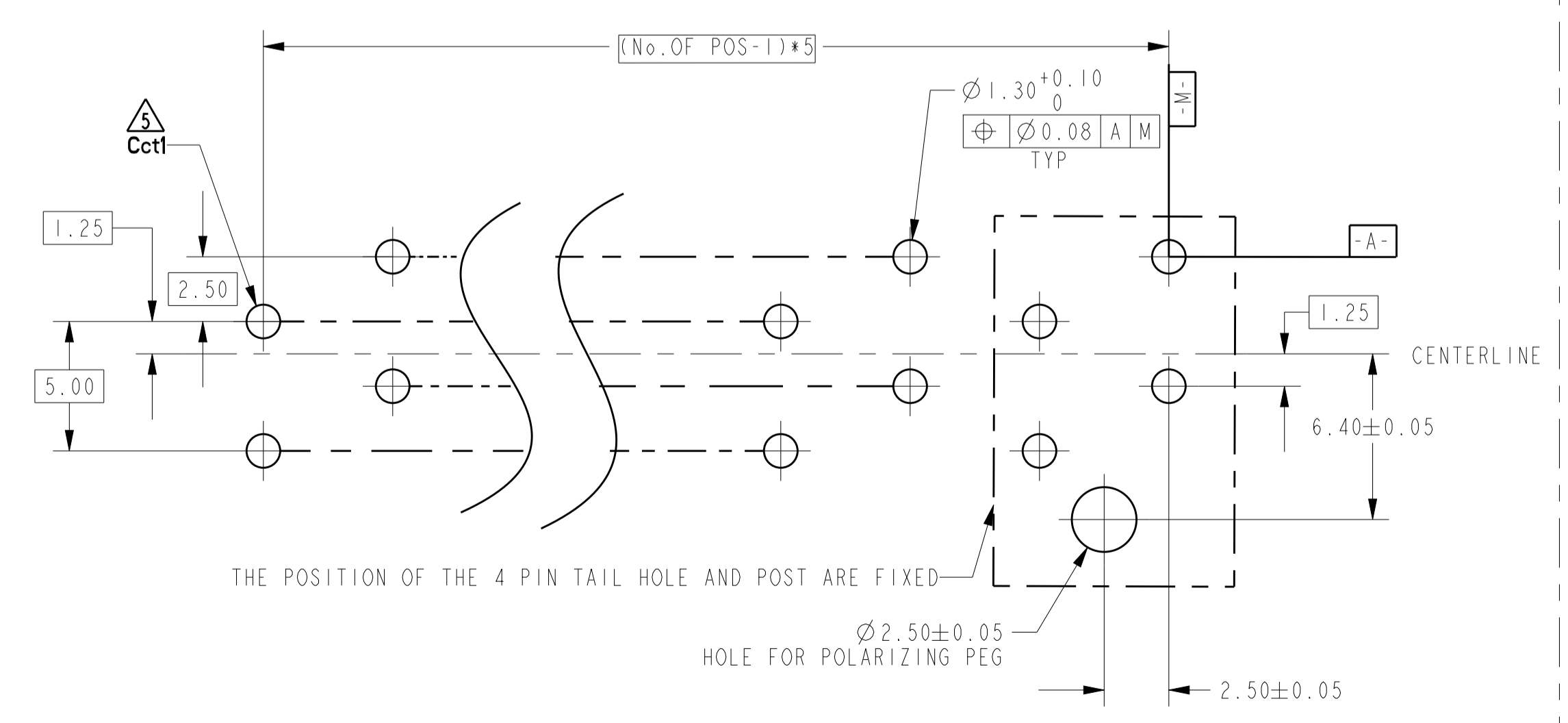
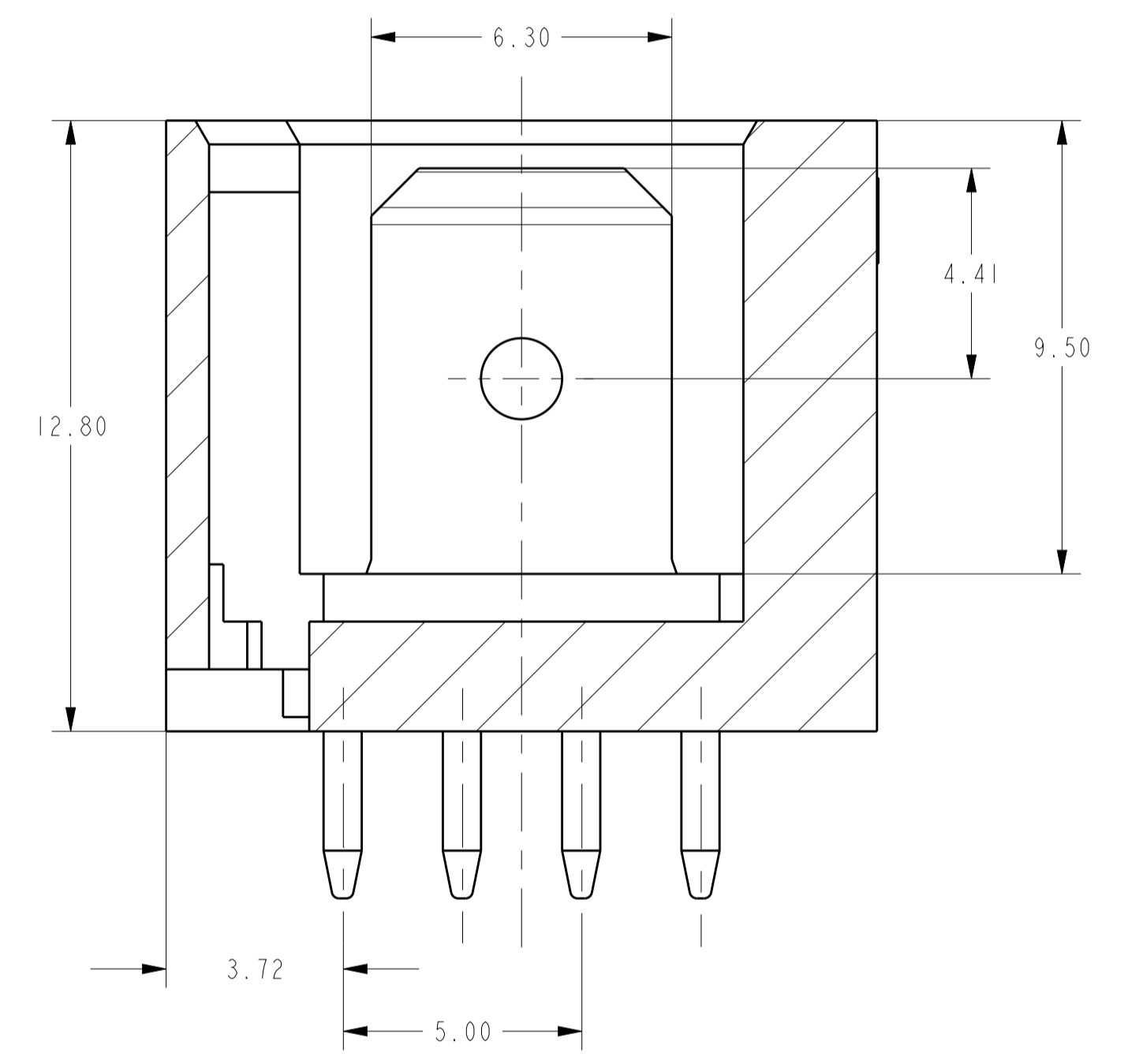


LOC		DIST		REVISIONS			
ES	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		A7		ECO-13-010736	26JUN2013	MT	YHM

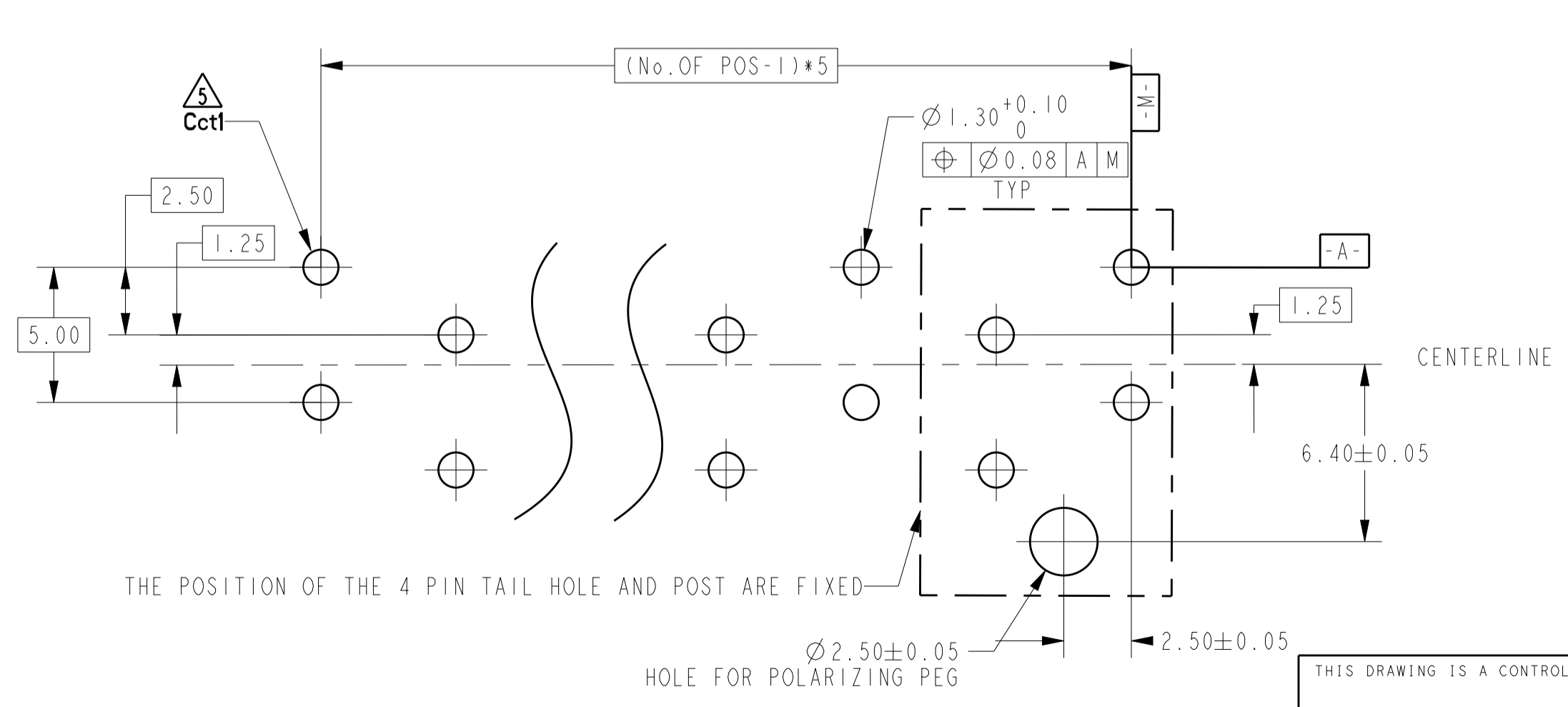


**NOTE**

- 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, TIN PLATING OVERALL, NICKEL UNDER-PLATING SILVER PLATING OVERALL, NICKEL UNDER-PLATING
- ⚠ PCB TABS INSERTED IN A STAGGERED PATTERN BEGINNING WITH POSITION 1 (Cct1)
- ⚠ 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.



**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: HRP 21Jan2013  
 CHK: HAPYE\_WU 21Jan2013  
 APVD: YHM 21Jan2013

DIMENSIONS: mm  
 TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 0 PLC ±  
 1 PLC ±0.25  
 2 PLC ±  
 3 PLC ±  
 4 PLC ±  
 ANGLES ±0°

MATERIAL: FINISH:

PRODUCT SPEC: 108-106080  
 APPLICATION SPEC:

SIZE: A1 CAGE CODE: 00779 DRAWING NO: 1971845  
 CUSTOMER DRAWING SCALE: N/A SHEET 1 OF 6 REV: A7

**STE** TE Connectivity  
**RAST 5 TAB HEADER ASSY**  
 DIN STYLE, TH, VERTICAL

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

color	QTY	②	QTY	①	NO. OF POS.	TE PART NO.			
RED	8	TAB CCONTACT w/ TIN PLATING	1	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		1		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		
BLUE	6		1			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	
	5		1				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 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/ TIN PLATING	1	RAST 5 TAB HEADER HOUSING, 4P. (SEE THE DETAIL LAYOUT ON SHEET 4)	4	1971962-4 7-1971895-4 6-1971895-4 5-1971895-4 4-1971895-4 3-1971895-4 2-1971895-4 1-1971895-4 1971895-4 9-1971845-4 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		
natural	3		1		RAST 5 TAB HEADER HOUSING, 3P. (SEE THE DETAIL LAYOUT ON SHEET 4)	3	(A7) 4-1971895-3 (A7) 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			RAST 5 TAB HEADER HOUSING, 2P. (SEE THE DETAIL LAYOUT ON SHEET 4)	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

THIS DRAWING IS A CONTROLLED DOCUMENT. DRW: HRP 21Jun2013  
 CHK: HAPYE\_WU 21Jun2013  
 APVD: YIIM 21Jun2013

**STE** TE Connectivity

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

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

CUSTOMER DRAWING SCALE: N/A SHEET 2 OF 6 REV: A7

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

color	QTY	②	QTY	①	NO. OF POS.	TE PART NO.	
natural	8	1	1	8	8	6-1971846-8	
						5-1971846-8	
						4-1971846-8	
						3-1971846-8	
						2-1971846-8	
						1-1971846-8	
						1971846-8	
						1971896-7	
	7	1	1	7	7	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
	6	1	1	6	6	6	1-1971846-7
							1-1971896-6
							1971896-6
							9-1971846-6
							8-1971846-6
							7-1971846-6
							6-1971846-6
							5-1971846-6
5	1	1	5	5	5	4-1971846-6	
						3-1971846-6	
						2-1971846-6	
						1-1971846-6	
						1971846-6	
						1971896-5	
						9-1971846-5	
						8-1971846-5	
5	1	1	5	5	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	1	1	4	4	7-1971896-4	
						6-1971896-4	
						5-1971896-4	
						4-1971896-4	
						3-1971896-4	
						2-1971896-4	
						1-1971896-4	
						1971896-4	
	3	1	1	3	3	3	9-1971846-4
							8-1971846-4
							7-1971846-4
							6-1971846-4
							5-1971846-4
							4-1971846-4
							3-1971846-4
							2-1971846-4
	2	1	1	2	2	2	1-1971846-4
							1971846-4
							(A7) 4-1971896-3
							(A7) 3-1971896-3
							2-1971896-3
							1-1971896-3
							1971896-3
							9-1971846-3
2	1	1	2	2	2	8-1971846-3	
						7-1971846-3	
						6-1971846-3	
						5-1971846-3	
						4-1971846-3	
						3-1971846-3	
						2-1971846-3	
						1-1971846-3	
2	1	1	2	2	2	1971846-3	
						6-1971896-2	
						5-1971896-2	
						4-1971896-2	
						3-1971896-2	
						2-1971896-2	
						1-1971896-2	
						1971896-2	
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						8-1971846-2	

THIS DRAWING IS A CONTROLLED DOCUMENT. DRW: HRP 21Jan2013  
CHK: HAPYE WU 21Jan2013  
APVD: YIM 21Jan2013

**STE** TE Connectivity

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

SIZE: A1 CAGE CODE: 00779 DRAWING NO: 1971845

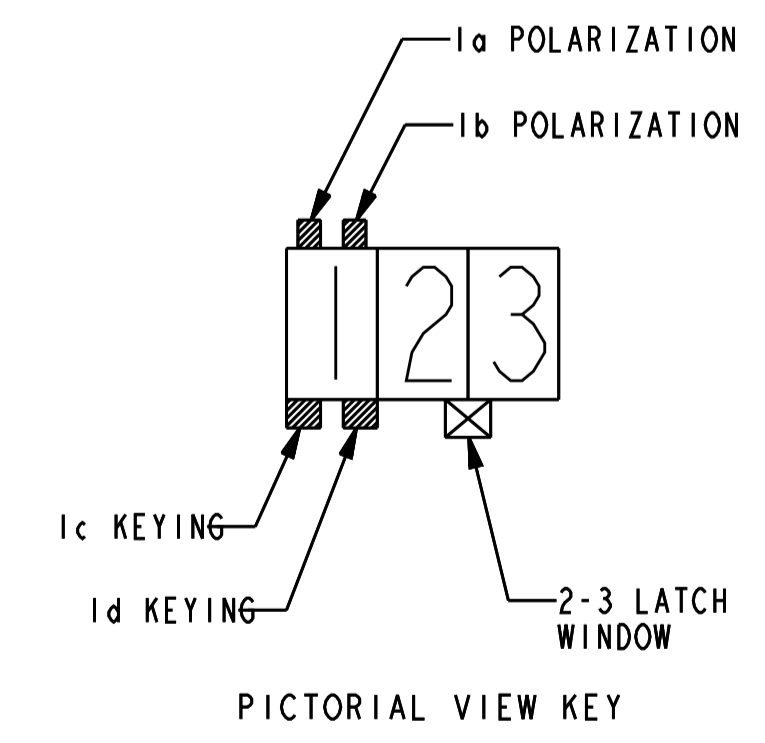
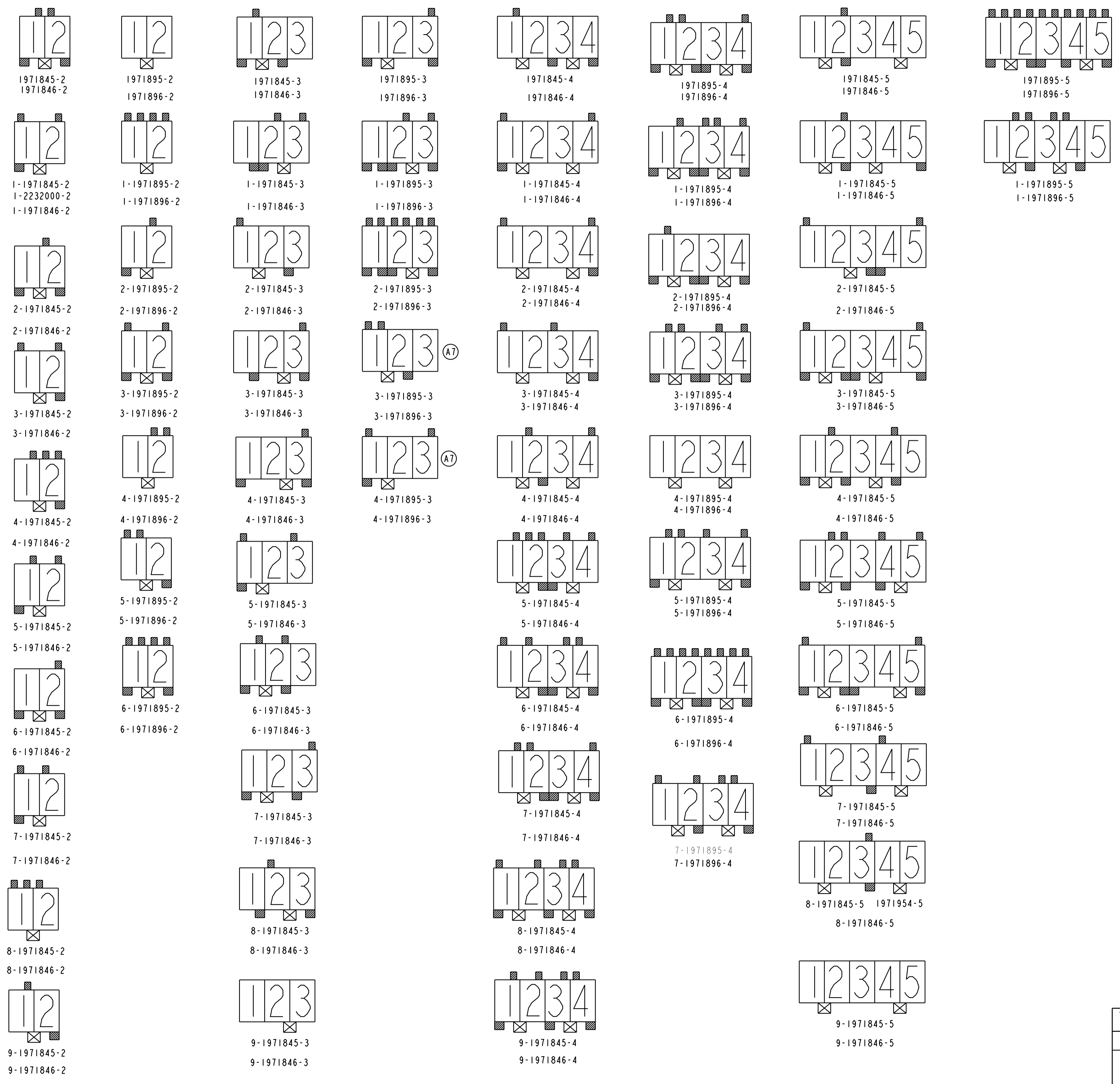
RESTRICTED TO: -

CUSTOMER DRAWING SCALE: N/A SHEET 3 OF 6 REV: A7

LOC	DIST	REV	DATE	BY	APPD
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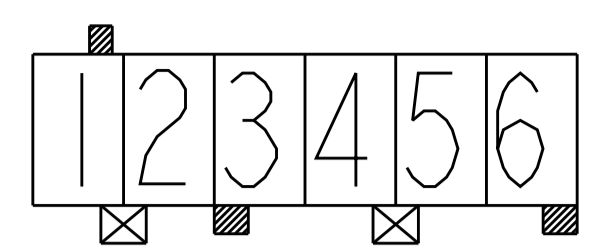
  

REVISIONS				
REV	DATE	DESCRIPTION	BY	APPD
-	-	SEE SHEET 1	-	-

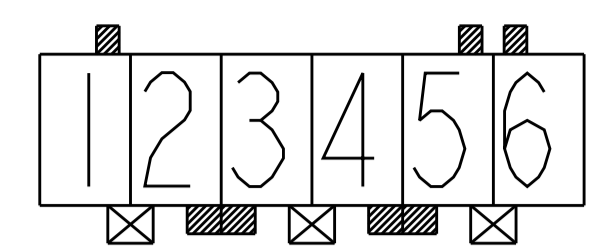


THIS DRAWING IS A CONTROLLED DOCUMENT.		DRW: WRP 21Jan2013	 TE Connectivity
DIMENSIONS: mm		CHK: HAPYE_WU 21Jan2013	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: YIM 21Jan2013	NAME: RAST 5 TAB HEADER ASSY DIN STYLE, TH, VERTICAL
0 PLC ± 1 PLC ± 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ±° FINISH		PRODUCT SPEC	SIZE: A1
MATERIAL: -		APPLICATION SPEC	CAGE CODE: 00779
WEIGHT: -		CUSTOMER DRAWING	DRAWING NO: 1971845
SCALE: N/A		SHEET: 4 OF 6	REV: A7

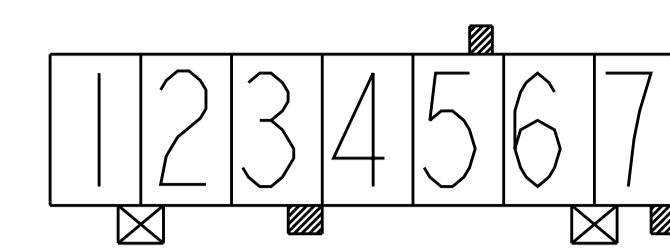
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ES	00	P	LYN	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-



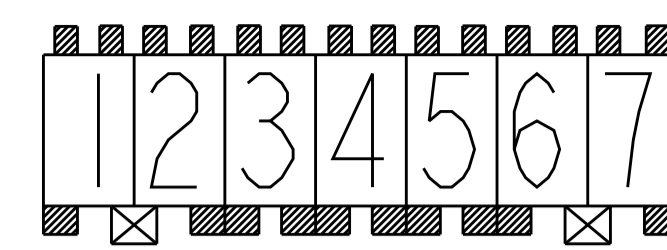
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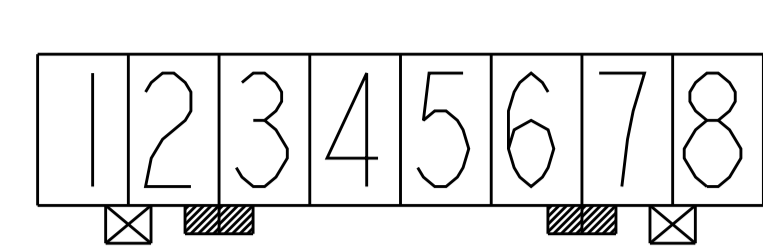
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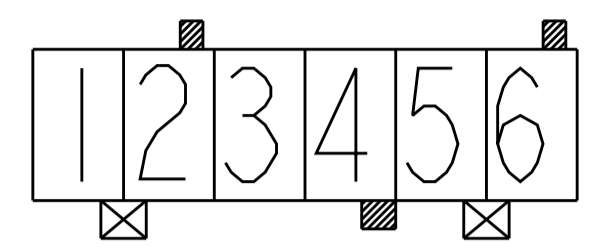
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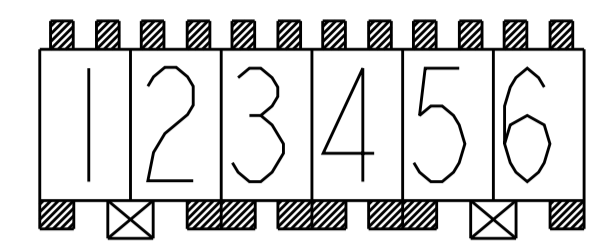
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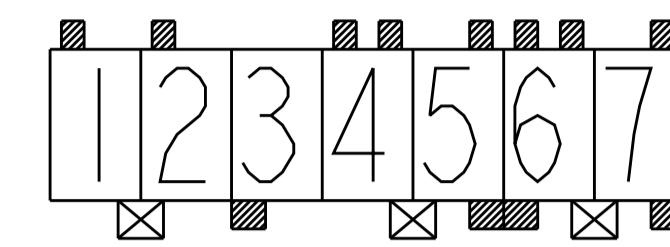
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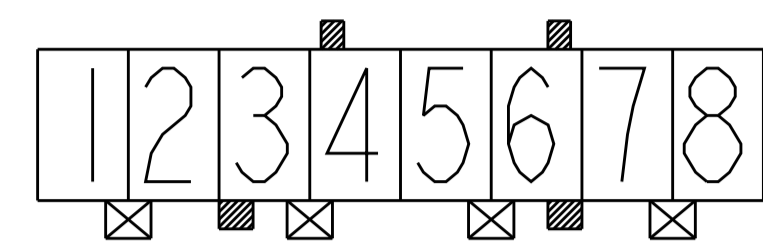
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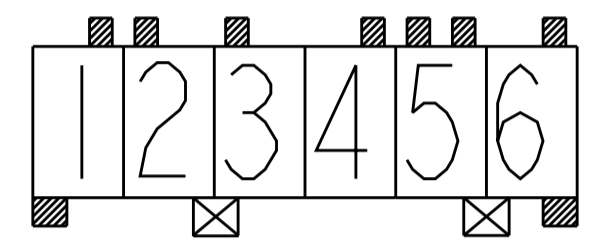
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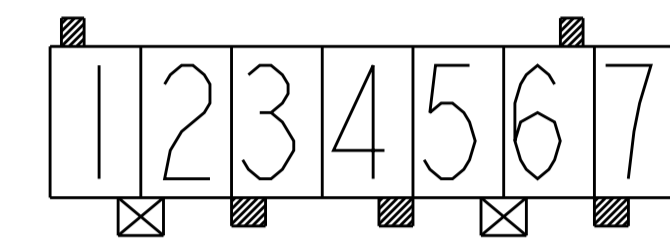
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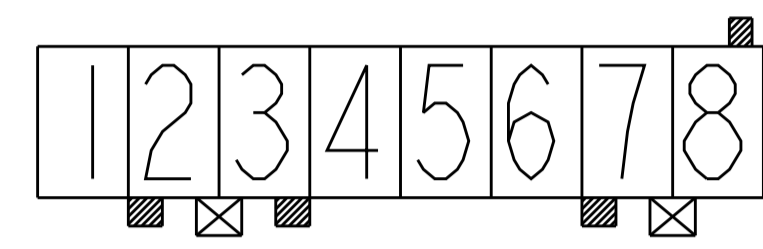
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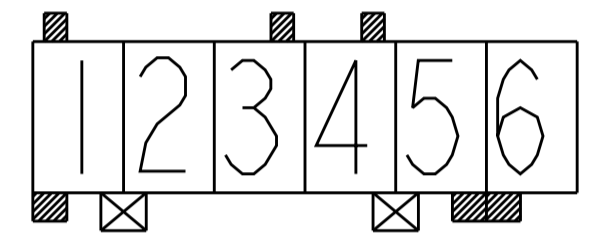
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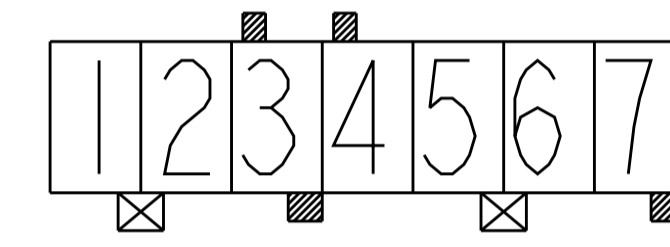
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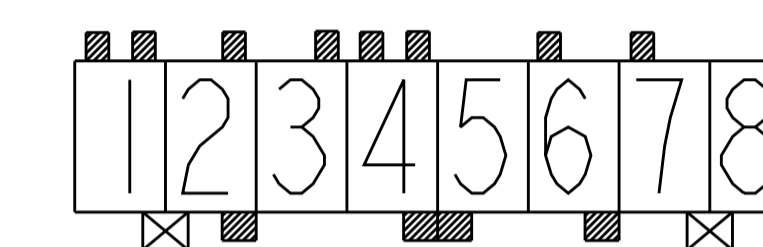
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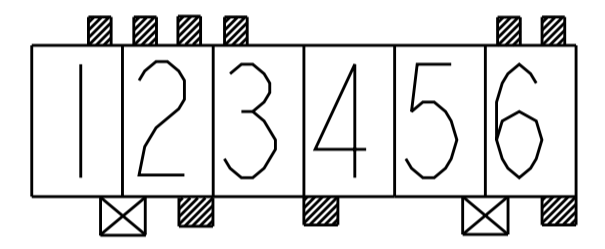
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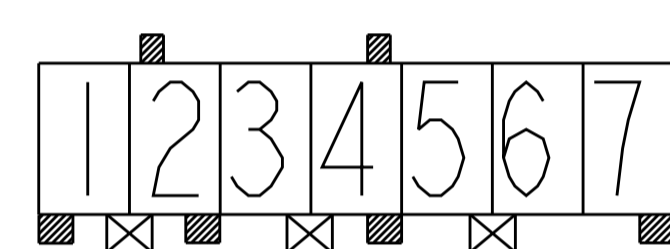
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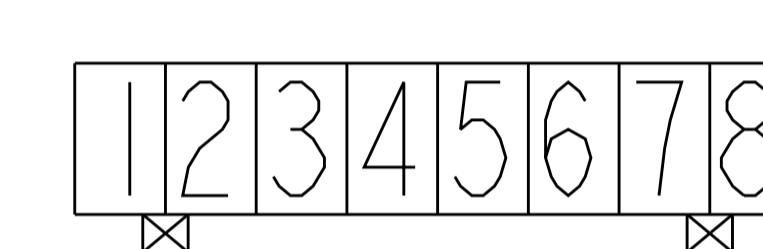
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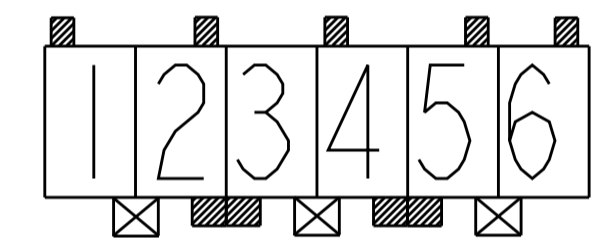
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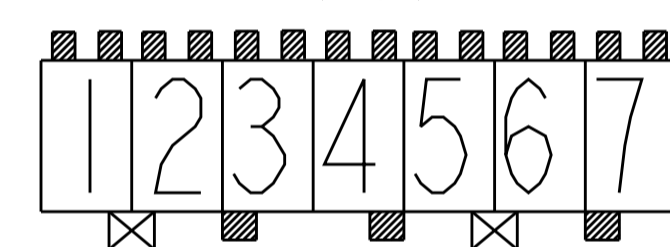
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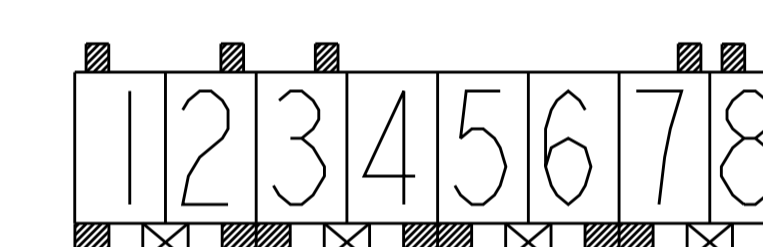
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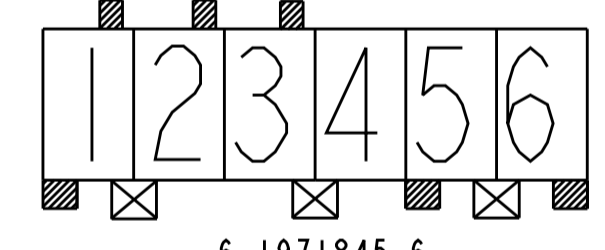
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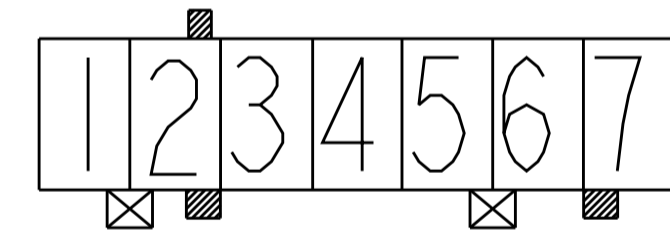
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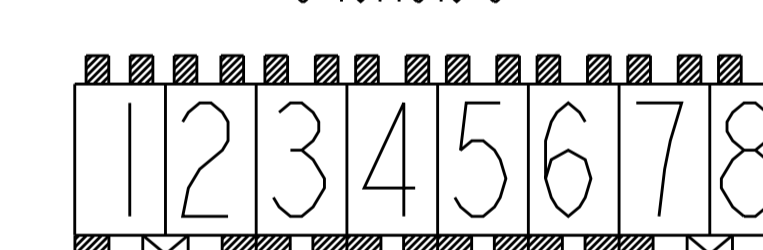
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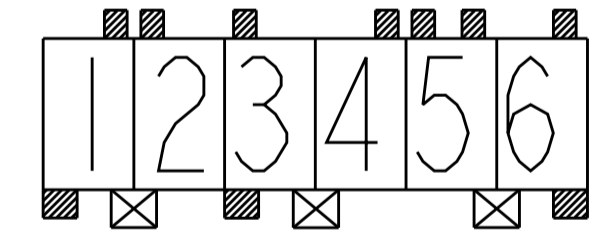
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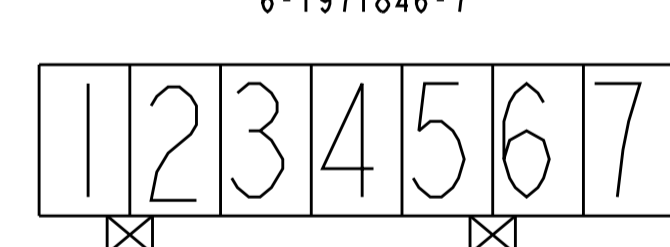
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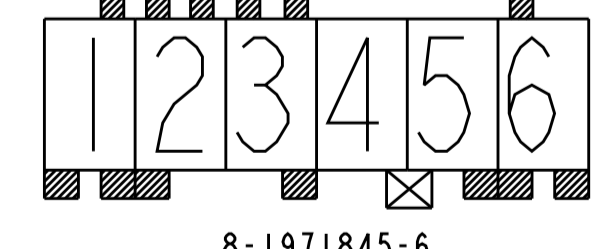
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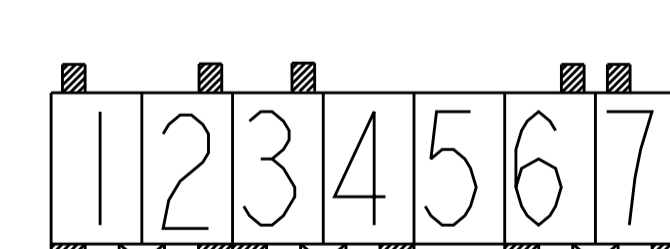
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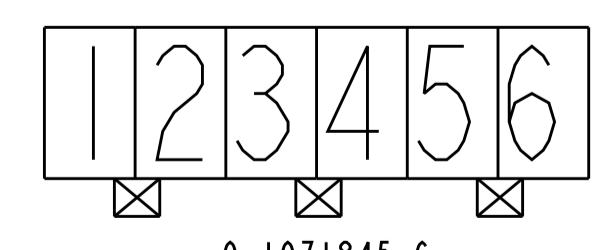
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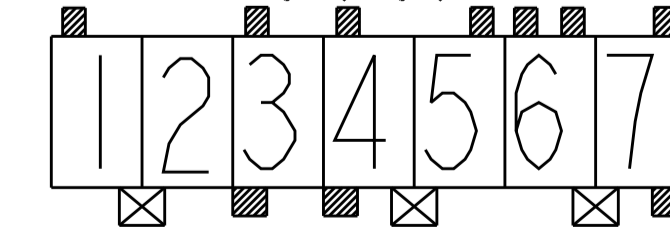
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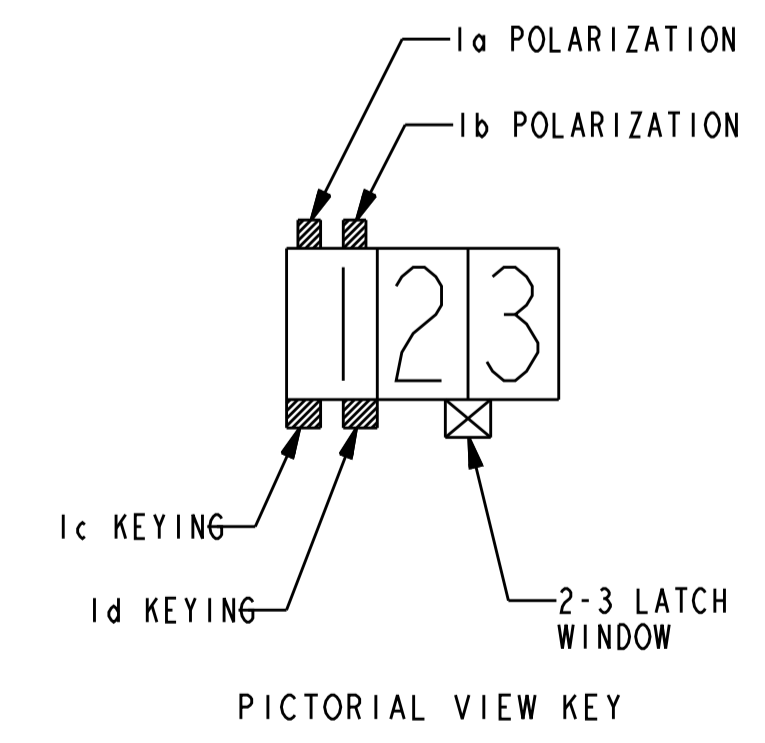
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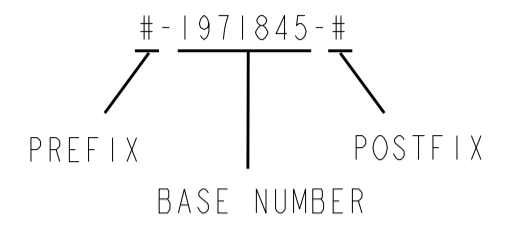
THIS DRAWING IS A CONTROLLED DOCUMENT.		DRN: WRP 21Jan2013	TE Connectivity
		CHK: HAPYE_WU 21Jan2013	
DIMENSIONS:		APVD: YIM 21Jan2013	NAME: RAST 5 TAB HEADER ASSY DIN STYLE, TH, VERTICAL
mm		PRODUCT SPEC	
		APPLICATION SPEC	SIZE: A1 CAGE CODE: 00779 DRAWING NO: 1971845 RESTRICTED TO:
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ±° FINISH		WEIGHT: -	
MATERIAL: -		CUSTOMER DRAWING	SCALE: N/A SHEET 5 OF 6 REV A7

LOC	DIST	REV	DATE	BY	APPV
ES	00				

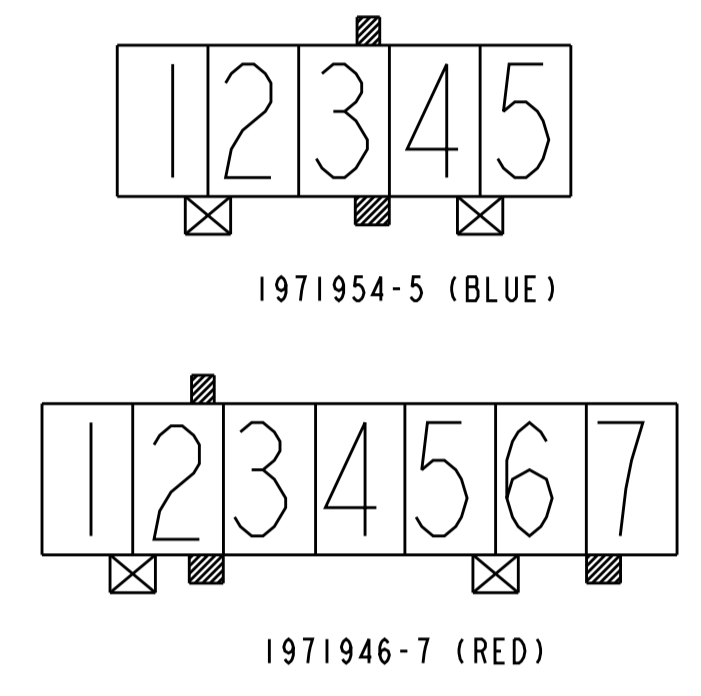
REVISIONS					
REV	DATE	DESCRIPTION	BY	APPV	
-	-	SEE SHEET 1	-	-	-

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

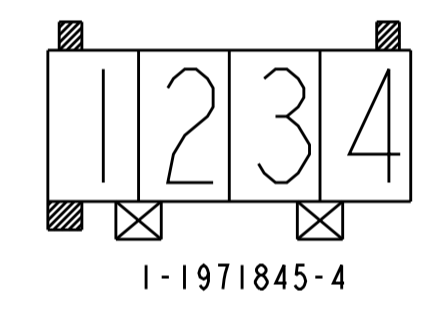


COLOR	PART NUMBER OF THE CONNECTOR				COMMENTS
	WITH TIN PLATING CONTACT		WITH AG PLATING CONTACT		
NATURAL	#-1971845-#	#-1971895-#	#-1971846-#	#-1971896-#	THE DETAIL P/N FOR DIFFERENT KEYING SEE SHEET 2-5
RED	#-1971946-#	#-1971948-#	#-1971947-#	#-1971949-#	THE PREFIX AND POSTFIX ARE THE SAME WITH THE 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)
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 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



P/Ns of color material with Ag plating as an example:

color	QTY	②	QTY	①	NO. OF POS.	TE PART NO.
yellow	3	TAB CONTACT w/ SILVER PLATING	1	RAST 5 TAB HEADER HOUSING, 3P, (SEE THE DETAIL LAYOUT ON SHEET 4)	3	2232009-3
red						1971947-3
purple						2232025-3
green						1971963-3
grey	2	TAB CONTACT w/ SILVER PLATING	1	RAST 5 TAB HEADER HOUSING, 2P, (SEE THE DETAIL LAYOUT ON SHEET 4)	2	2232017-2
blue						1971955-2
black						2232001-2

P/Ns of color material with TIN plating as an example:

color	QTY	②	QTY	①	NO. OF POS.	TE PART NO.			
RED	7	TAB CONTACT w/ TIN PLATING	1	RAST 5 TAB HEADER HOUSING 7P	7	1791946-7			
BLUE	5					1791954-5			
GREEN	4					1791962-4			
yellow	3					RAST 5 TAB HEADER HOUSING, 3P, (SEE THE DETAIL LAYOUT ON SHEET 4)	3	2232008-3	
red								1971946-3	
purple								2232024-3	
green	2					RAST 5 TAB HEADER HOUSING, 2P, (SEE THE DETAIL LAYOUT ON SHEET 4)	1	2	1971962-3
grey									2232016-2
blue									1971954-2
black									1-2232000-2
black						2232000-2			

THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: WRP 21Jan2013  
 CHG: HAPYE WU 21Jan2013  
 APV: YHM 21Jan2013

TE Connectivity

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

PRODUCT SPEC: 108-106080  
 APPLICATION SPEC:

SIZE: A1 CAGE CODE: 00779 DRAWING NO: 1971845  
 WEIGHT: CUSTOMER DRAWING

SCALE: SHEET 6 OF 6 REV A7