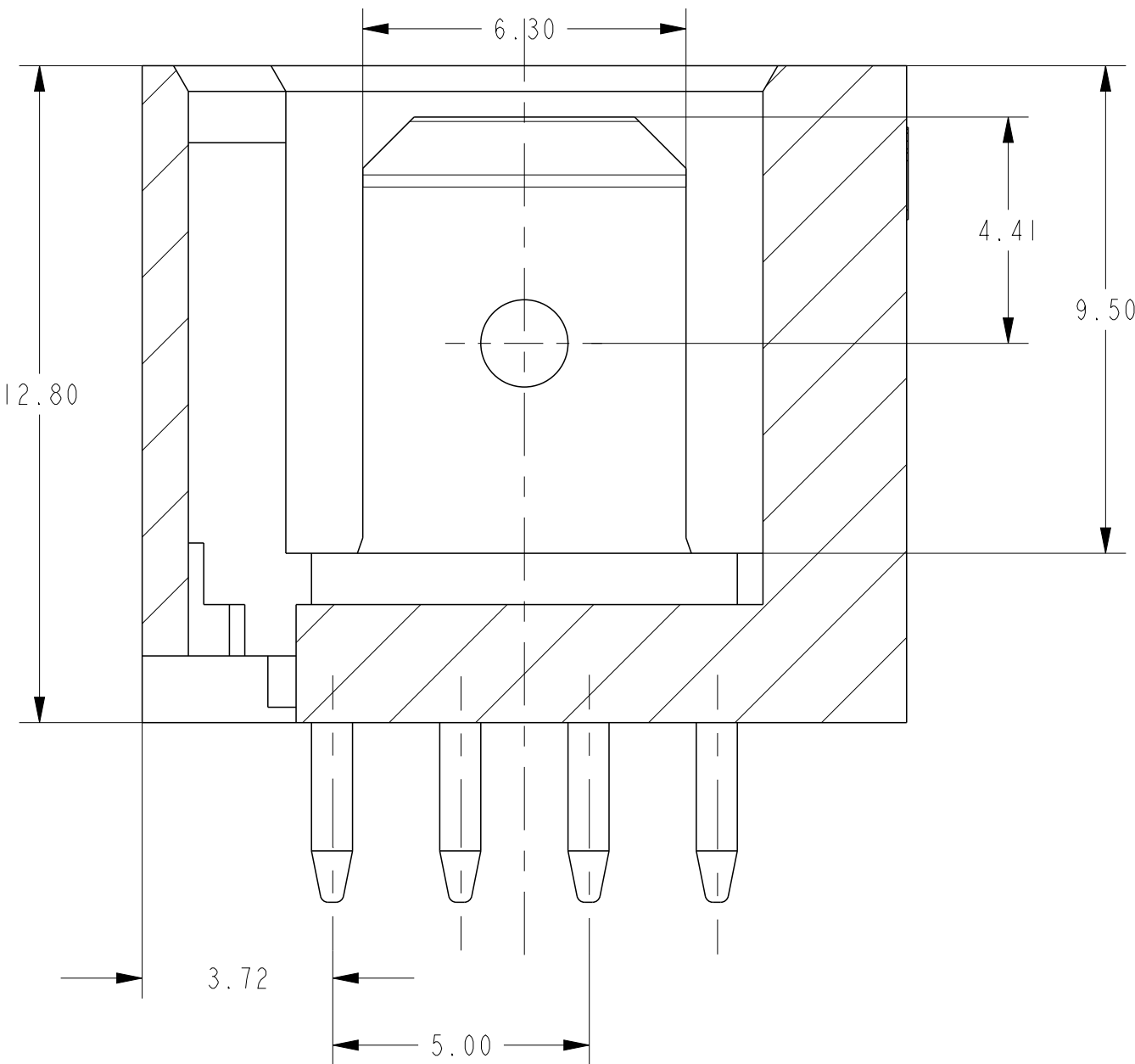
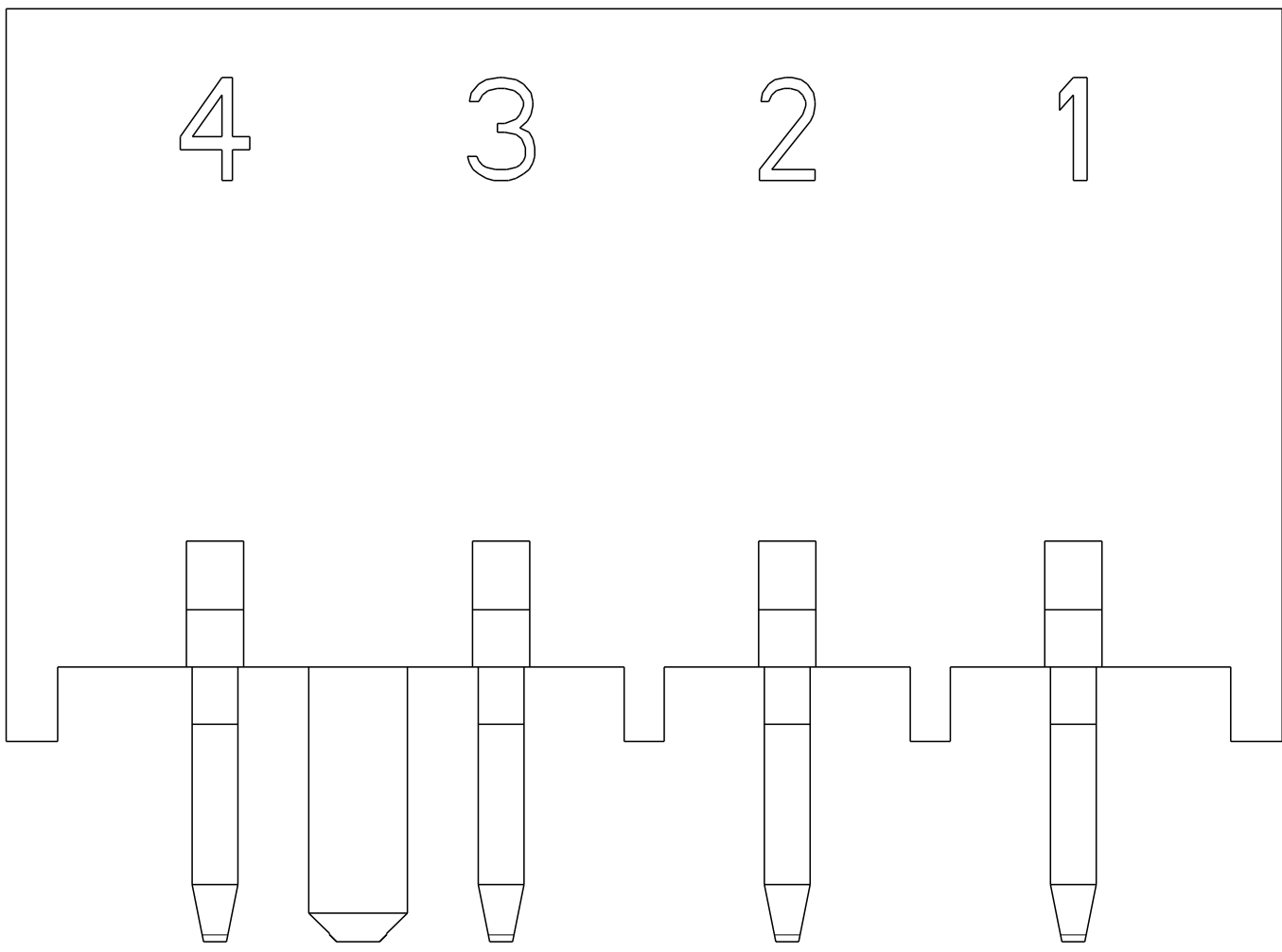
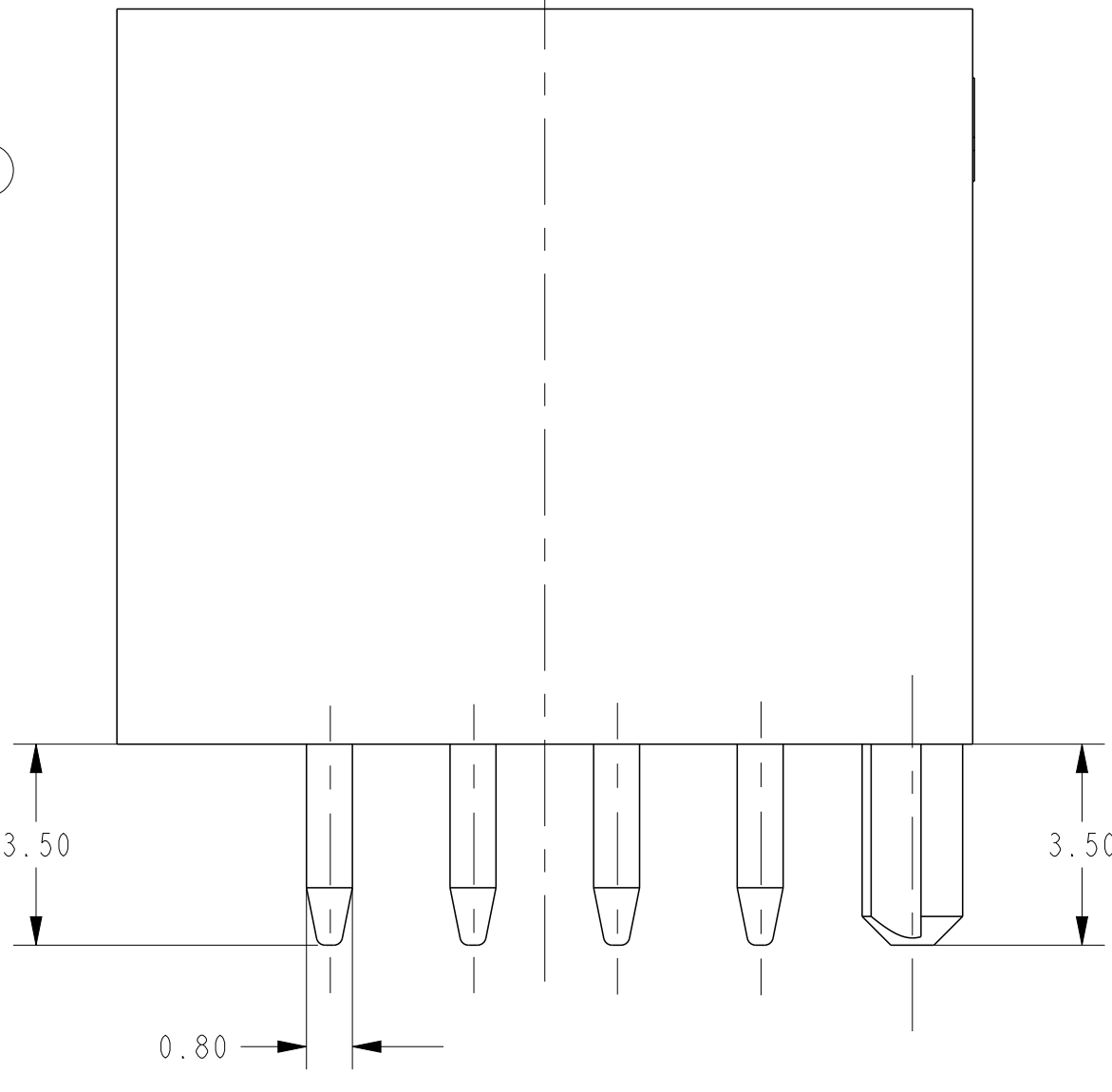
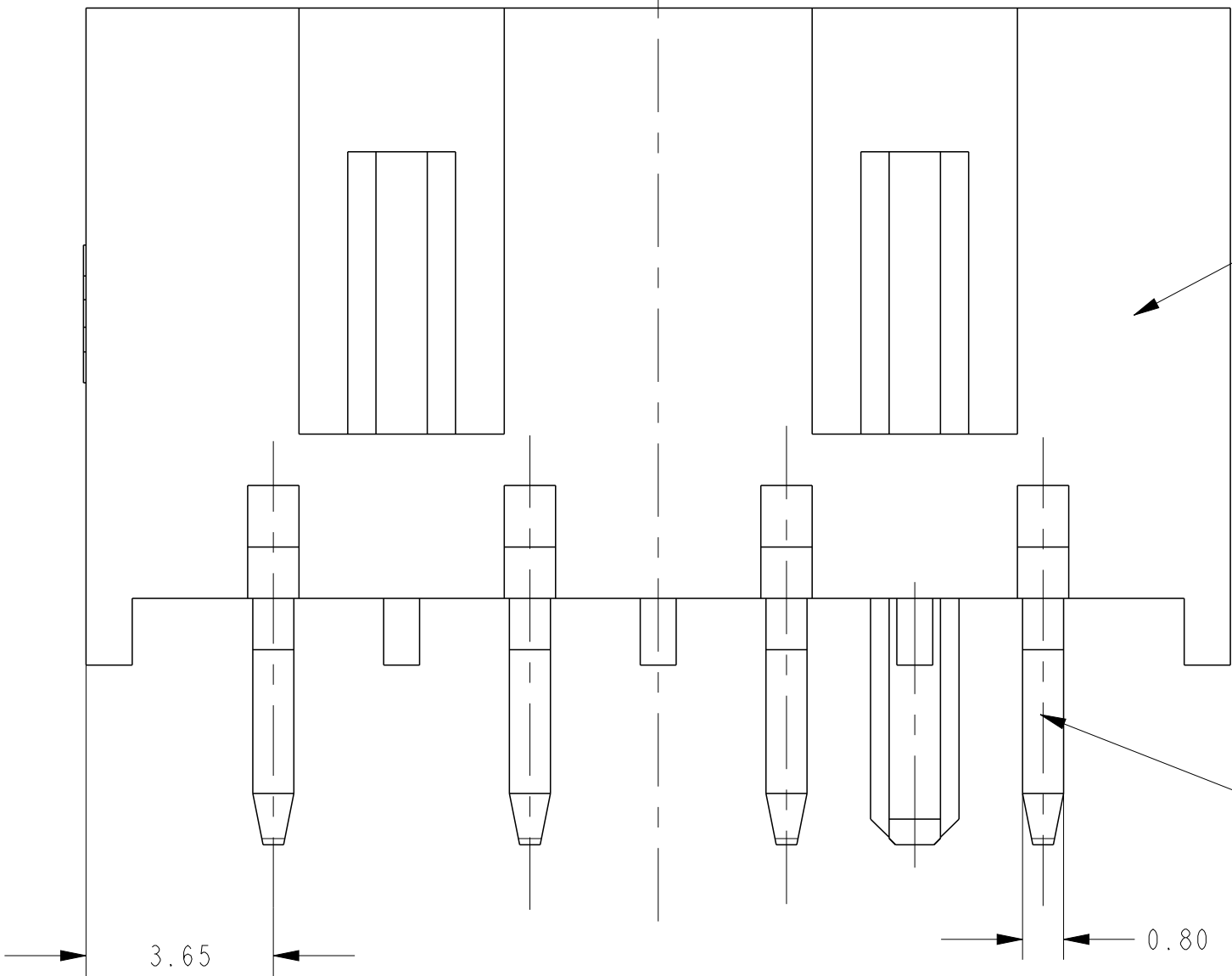
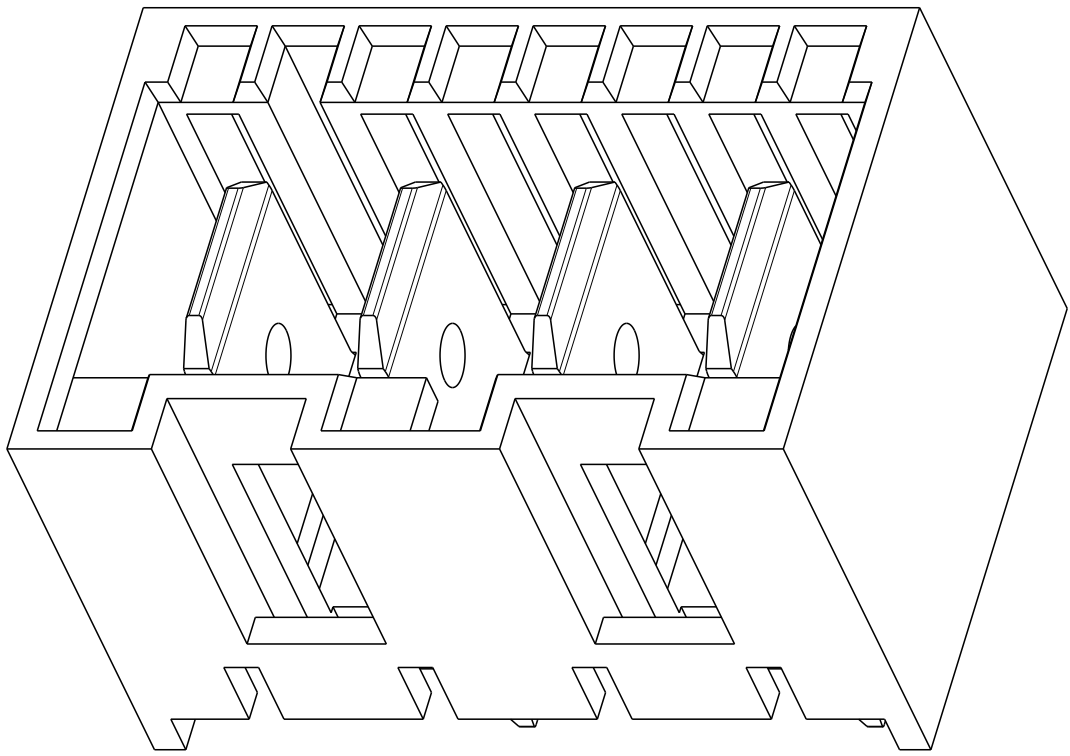
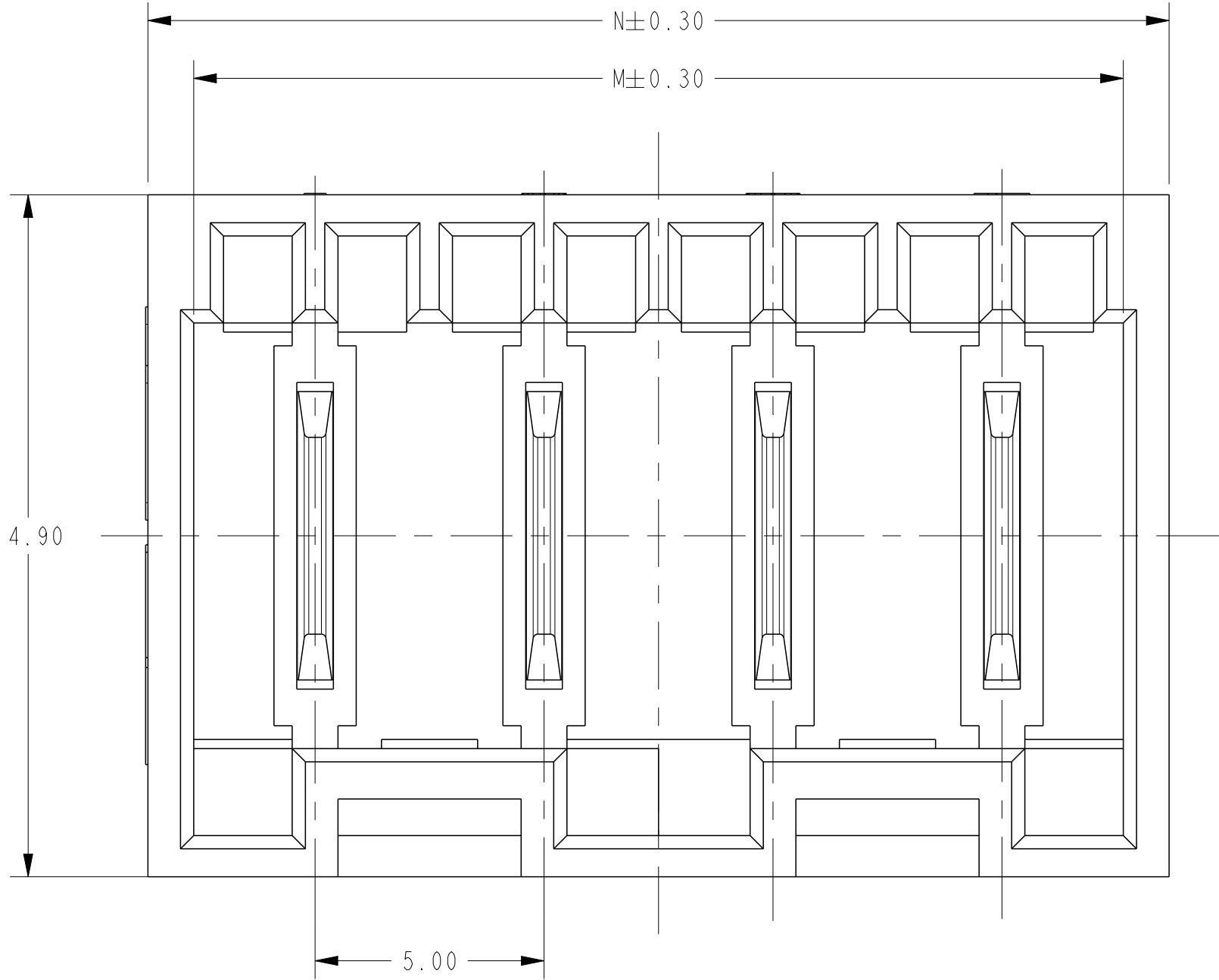


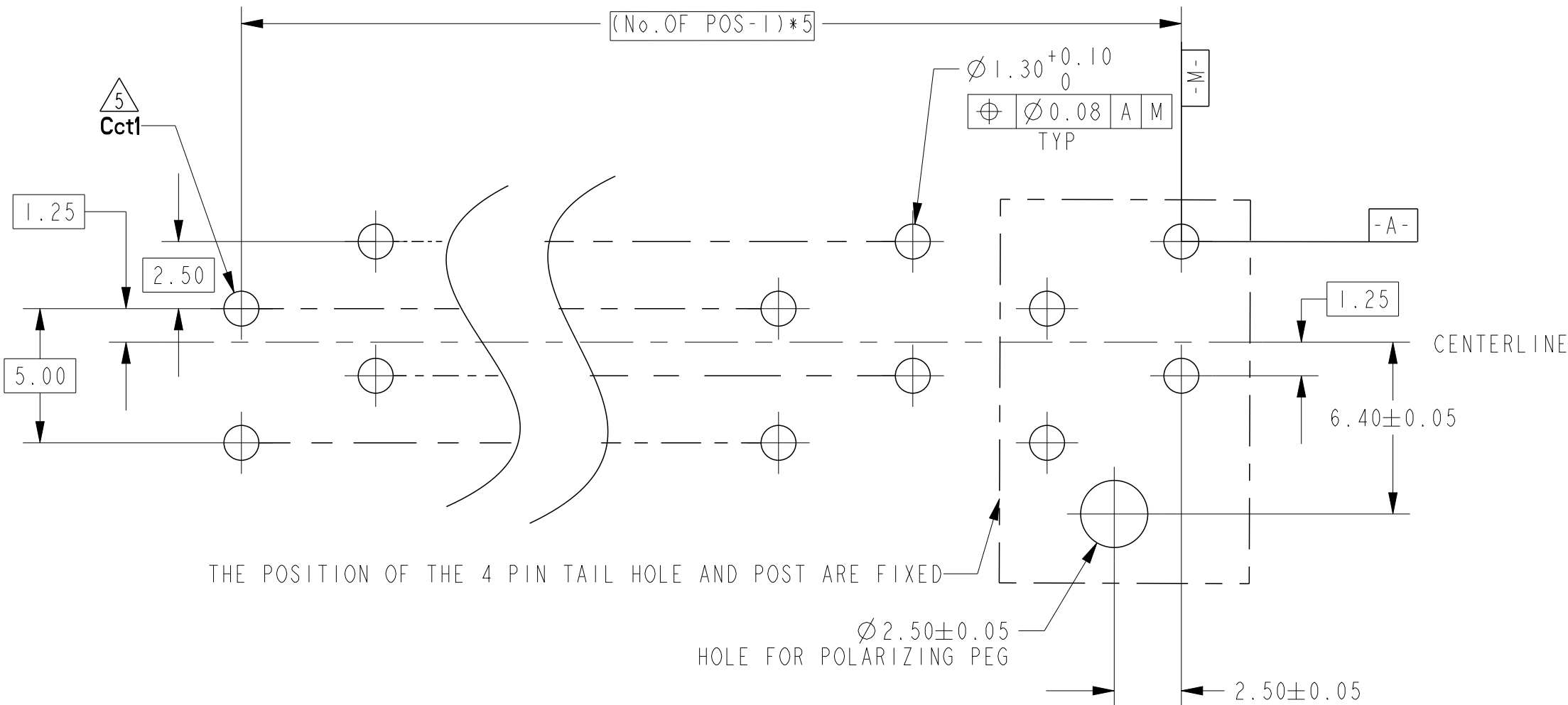
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ES		00		P	LTR	DESCRIPTION	DATE	DWN	APVD	
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					A24	ECR-18-008274	30MAY2018	KD	FL	

NOTE

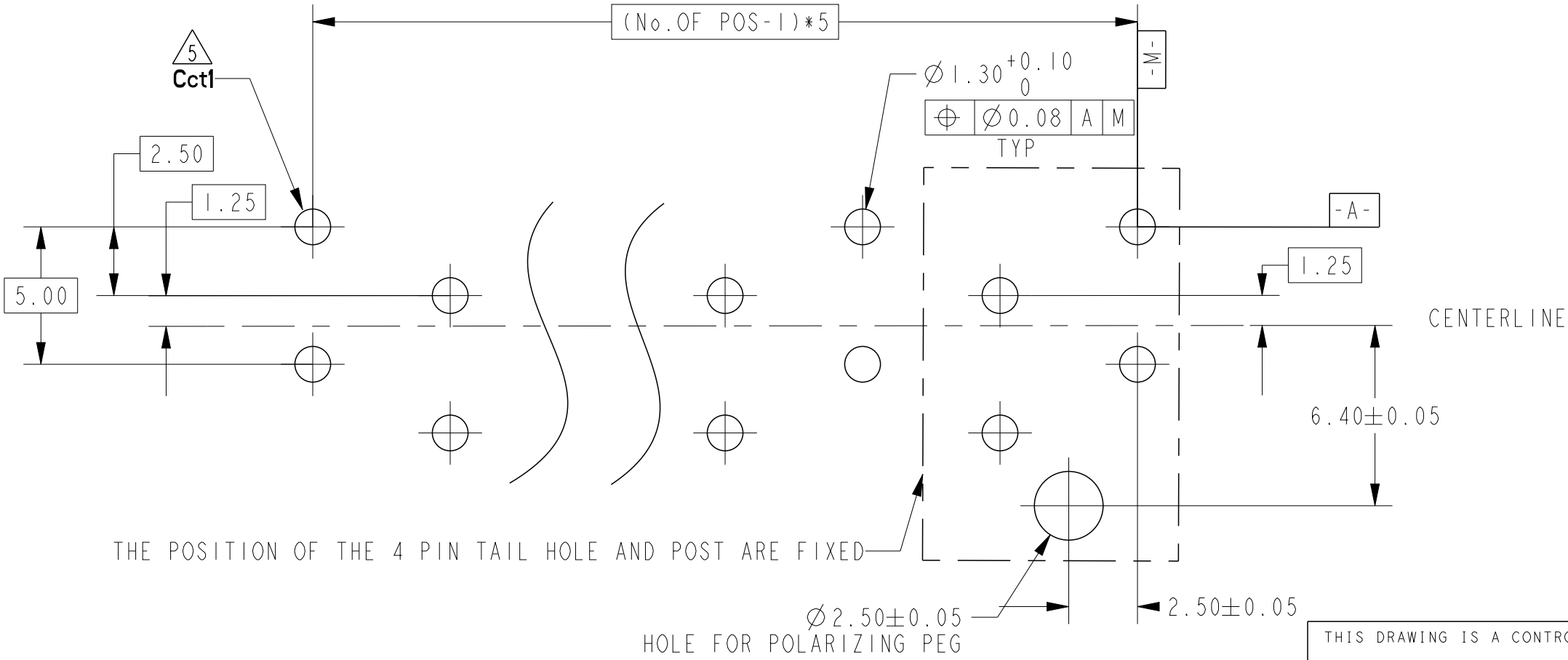
- 1 HOUSING HAS RAST 5 COMPLIANT KEYING, LATCHING, AND POLARIZATION  
TAB IS 6.30 X 0.8 ACCORDING TO DIN 46244
- 2 SEE SHEET 2 FOR AVAILABLE CONFIGURATIONS
- 3 MATERIAL: HOUSING, NYLON, UL94 V0, 750°C GWT NO FLAME  
CONTACT, COPPER ALLOY, 0.8MM THICK
- 4 FINISH: CONTACTS, MATT TIN PLATING OVERALL, NICKEL 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





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													
		0 PLC		±.	PRODUCT SPEC		RAST 5 TAB HEADER ASSY DIN STYLE, TH, VERTICAL								
		1 PLC		±0.25											
		2 PLC		±.											
		3 PLC		±.											
4 PLC		±.	APPLICATION SPEC		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO				
ANGLES		±°													
FINISH				WEIGHT		A1		00779		C-1971845		-			
MATERIAL						Customer Drawing		SCALE		8:1		SHEET 1 OF 6		REV A24	
-															
-															
-															
-															
-															

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					
RED	7		I	RAST 5 TAB HEADER HOUSING,7P. (SEE THE DETAIL LAYOUT ON SHEET 5)	7	1971946-7					
NATURAL	6		I	RAST 5 TAB HEADER HOUSING,6P. (SEE THE DETAIL LAYOUT ON SHEET 5)	6	1971895-7					
NATURAL	5	I	RAST 5 TAB HEADER HOUSING,5P. (SEE THE DETAIL LAYOUT ON SHEET 4)	5	1-1971895-6						
BLUE	5	I	RAST 5 TAB HEADER HOUSING,5P. (SEE THE DETAIL LAYOUT ON SHEET 4)	5	1971845-7						
color	QTY	(2)	QTY	(1)	NO. OF POS.	1971845-6					
						TE PART NO.					

GREEN	4		I			1971962-4
natural	4	TAB CCONTACT w/ MATT TIN PLATING (2-1971895-4 IS WITH BRIGHT TIN)	I	RAST 5 TAB HEADER HOUSING,4P (SEE THE DETAIL LAYOUT ON SHEET 4)	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					
	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					
	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

SWP 21Jan2013  
CHK HAPYE 21Jan2013  
YHM 21Jan2013  
PRODUCT SPEC  
108-106080  
APPLICATION SPEC  
-  
WEIGHT -  
Customer Drawing

DWN 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  
A24

TE Connectivity

LOC	DIST	REVISIONS					
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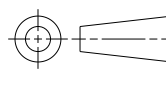
NATURAL	8	TAB CCONTACT w/ SILVER PLATING	I	RAST 5 TAB HEADER HOUSING,8P,NATURE (SEE THE DETAIL LAYOUT ON SHEET 5)	8	6-1971846-8 5-1971846-8 4-1971846-8 3-1971846-8 2-1971846-8 1-1971846-8 1971846-8
	7		I	RAST 5 TAB HEADER HOUSING,7P,NATURE (SEE THE DETAIL LAYOUT ON SHEET 5)	7	1971896-7 9-1971846-7 8-1971846-7 7-1971846-7 6-1971846-7 5-1971846-7 4-1971846-7 3-1971846-7 2-1971846-7 1-1971846-7
	6		I	RAST 5 TAB HEADER HOUSING,6P,NATURE (SEE THE DETAIL LAYOUT ON SHEET 5)	6	1971846-7 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
	5		I	RAST 5 TAB HEADER HOUSING,5P,NATURE (SEE THE DETAIL LAYOUT ON SHEET 4)	5	1971846-6 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
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
	3		I	RAST 5 TAB HEADER HOUSING,3P,NATURE (SEE THE DETAIL LAYOUT ON SHEET 4)	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 1-1971846-4 1971846-4
	2		I	RAST 5 TAB HEADER HOUSING,2P,NATURE (SEE THE DETAIL LAYOUT ON SHEET 4)	2	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
						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  3-2304599-2 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

-

-

DWN: WRP 21Jan2013

CHK: HAPYE 21Jan2013

YHM 21Jan2013

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

NAME

RAST 5 TAB HEADER ASSY  
DIN STYLE, TH, VERTICAL

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A1

00779

©=1971845

-

SCALE

8:1

SHEET

3

OF

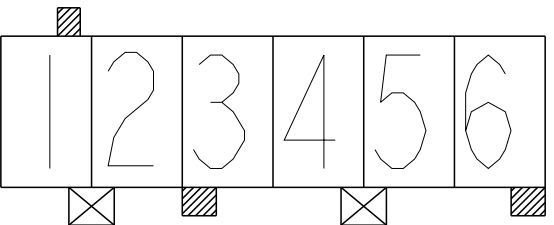
6

REV

A24

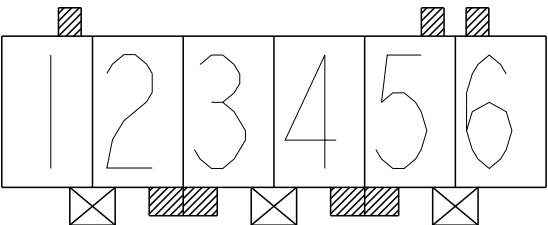


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



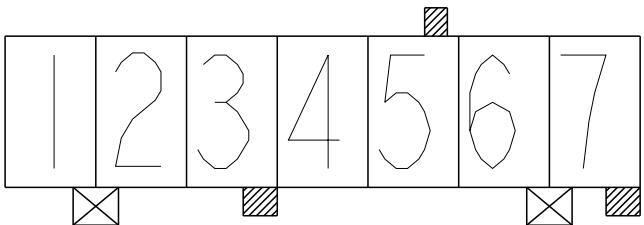
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1971846-6



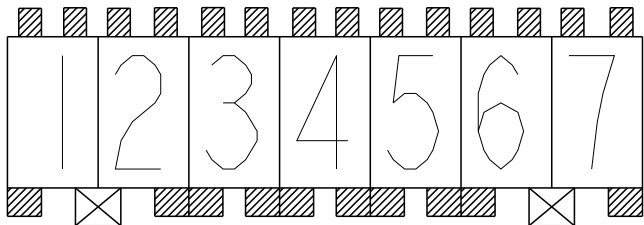
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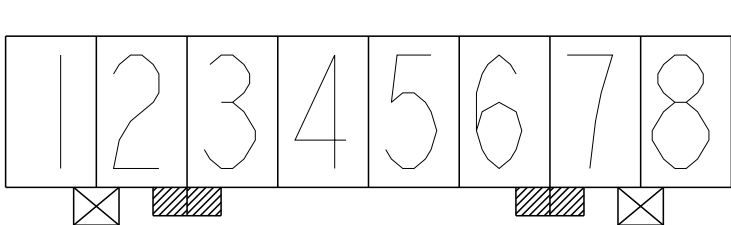
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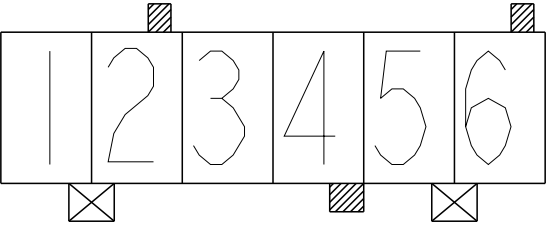
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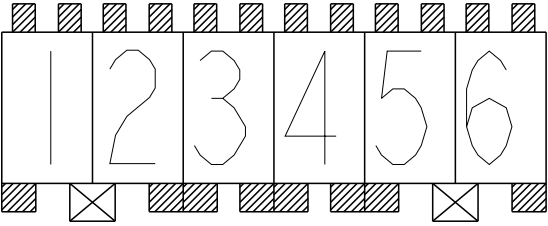
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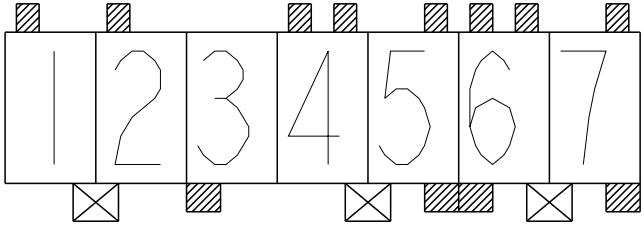
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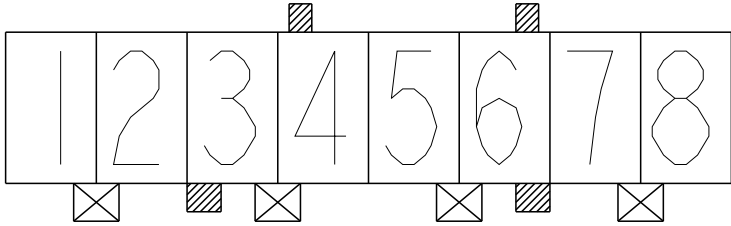
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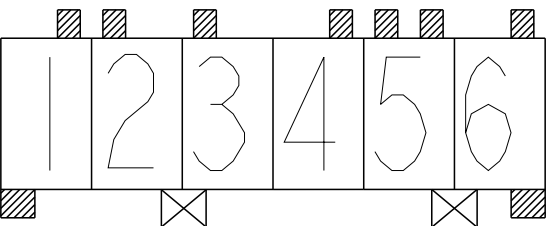
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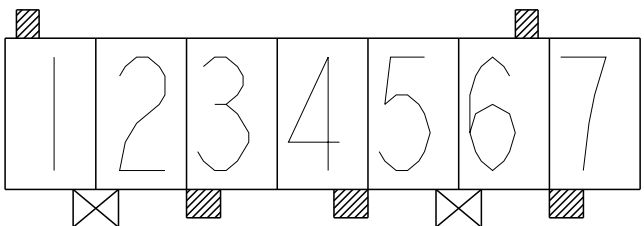
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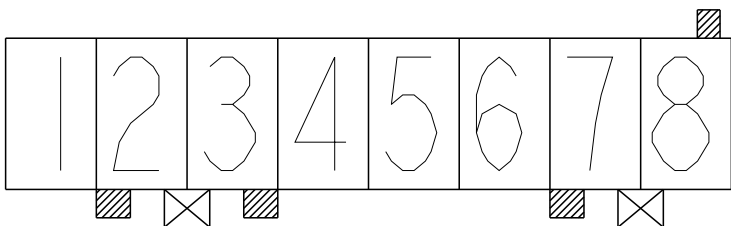
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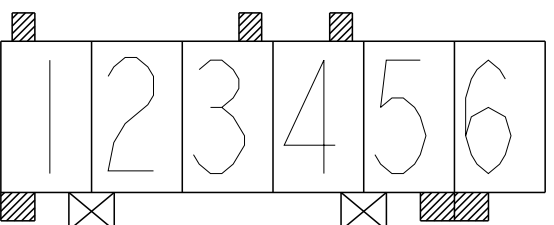
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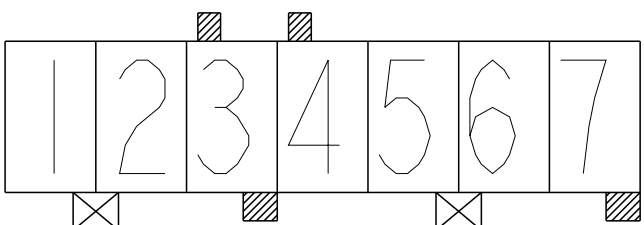
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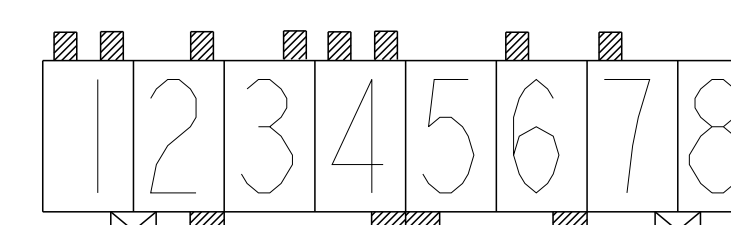
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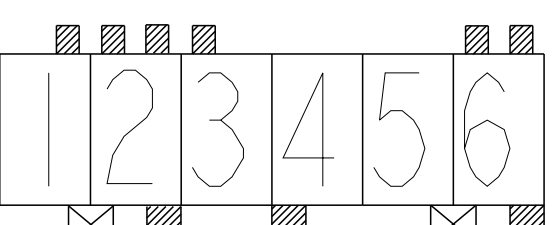
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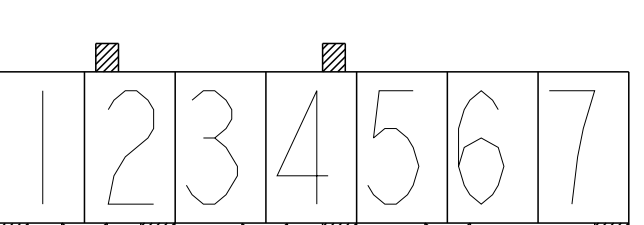
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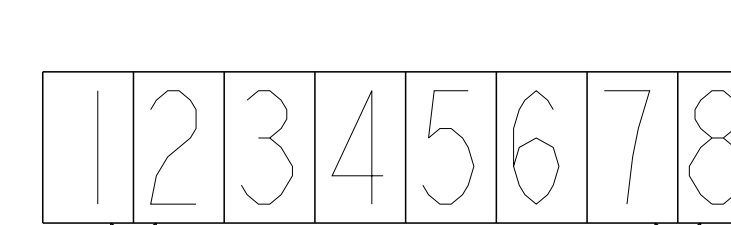
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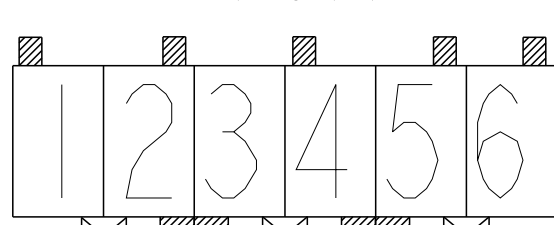
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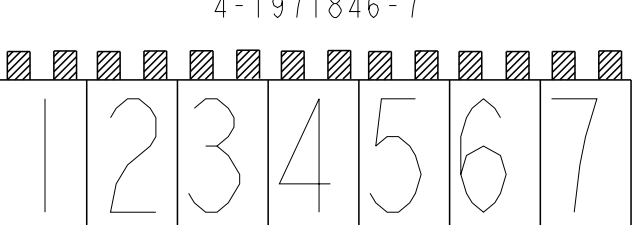
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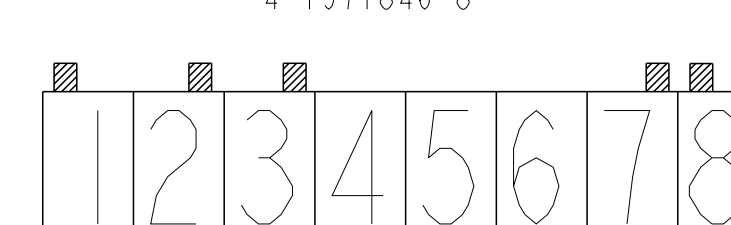
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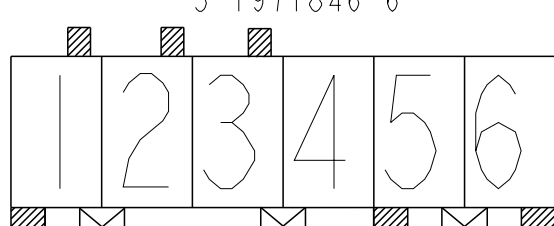
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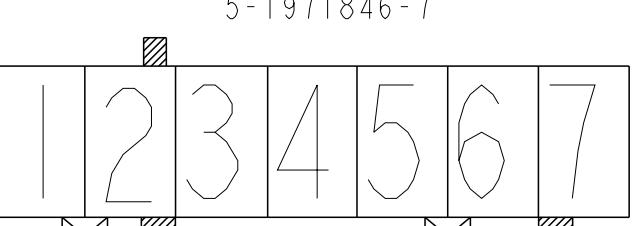
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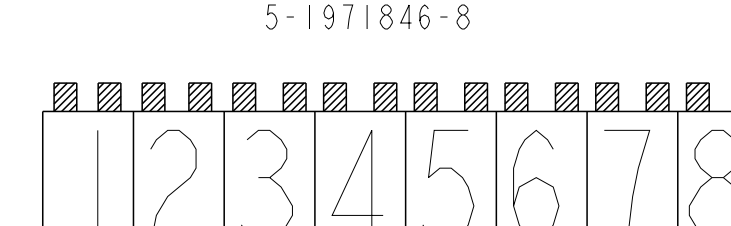
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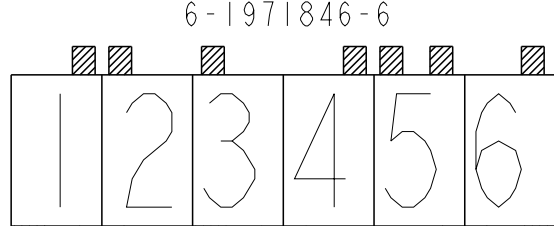
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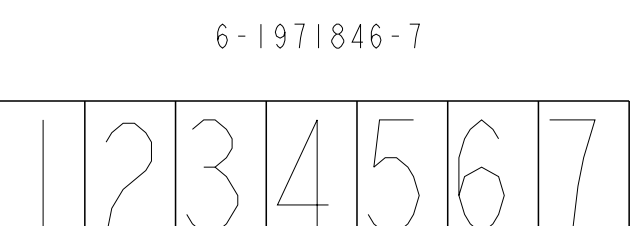
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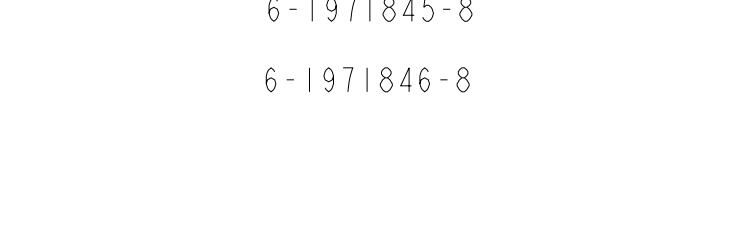
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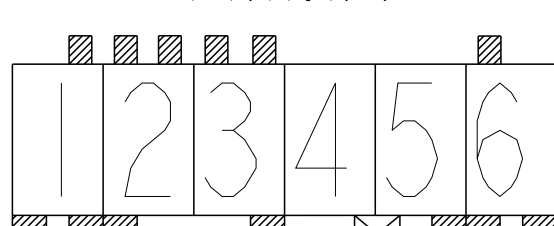
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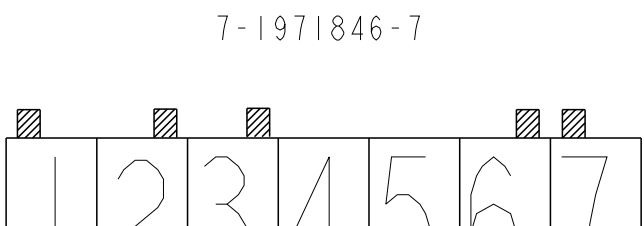
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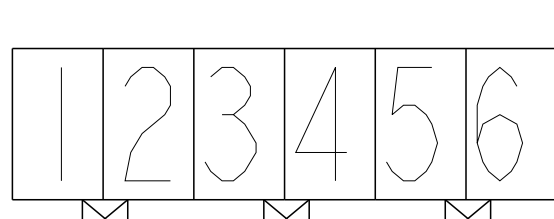
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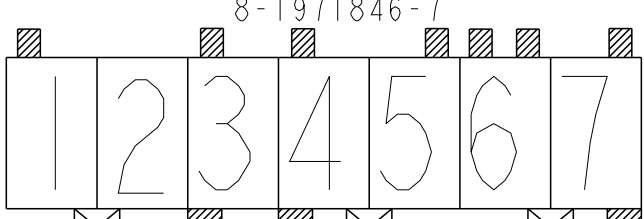
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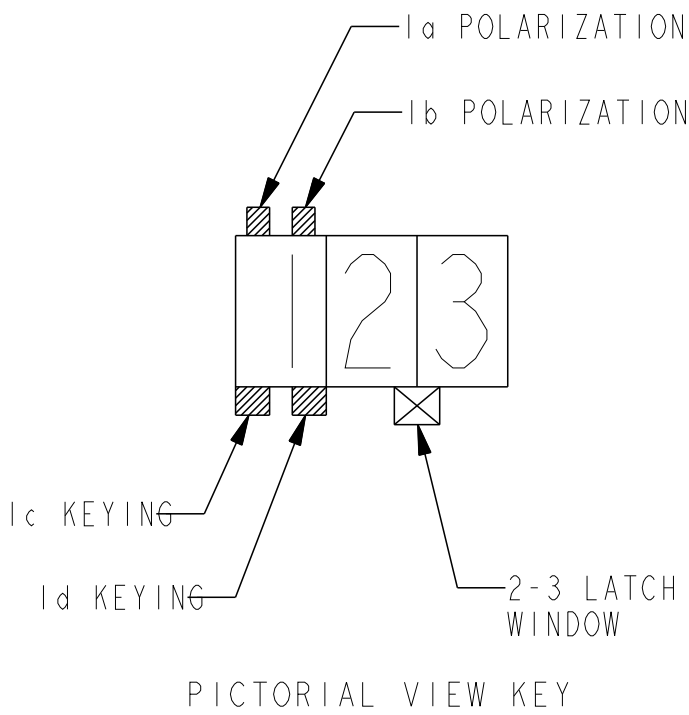
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9-1971846-6



9-1971845-7

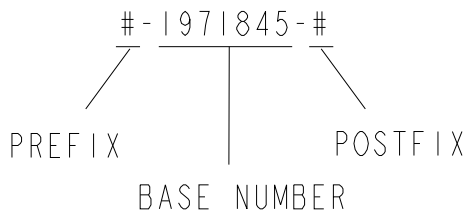
9-1971846-7



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	CAGE CODE	DRAWING NO	RESTRICTED TO
	1 PLC	±	108-106080					
	2 PLC	±0.25	APPLICATION SPEC					
	3 PLC	±	WEIGHT					
MATERIAL	FINISH	±2°	-		A1	00779	©=1971845	-
-	-	-	Customer Drawing		SCALE	8:1	SHEET	5 OF 6
-	-	-			REV. A24			

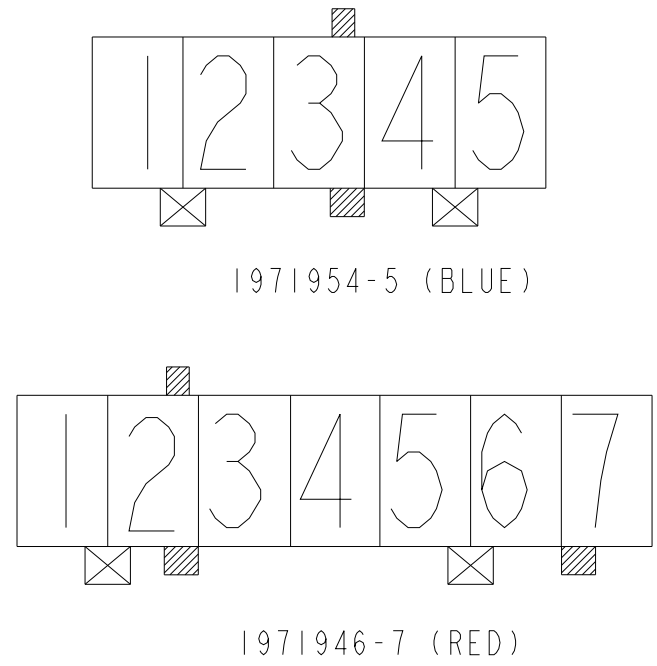
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

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

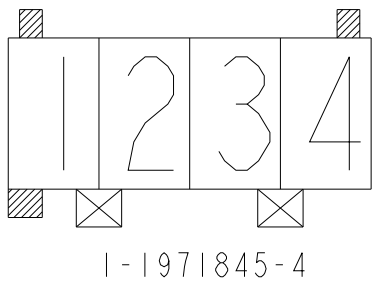


COLOR	PART NUMBER OF THE CONNECTOR				COMMENTS
	WITH MATT TIN PLATING CONTACT <small>(SPECIAL P/N: 2-1971895-4, 2-1971845-6, 6-1971845-5 5-1971845-8 AND 2-1971895-5 ARE WITH BRIGHT TIN)</small>		WITH AG PLATING CONTACT		
NATURAL	#-1971845-#	#-1971895-#	#-1971846-#	#-1971896-#	THE PREFIX AND POSTFIX ARE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