

4

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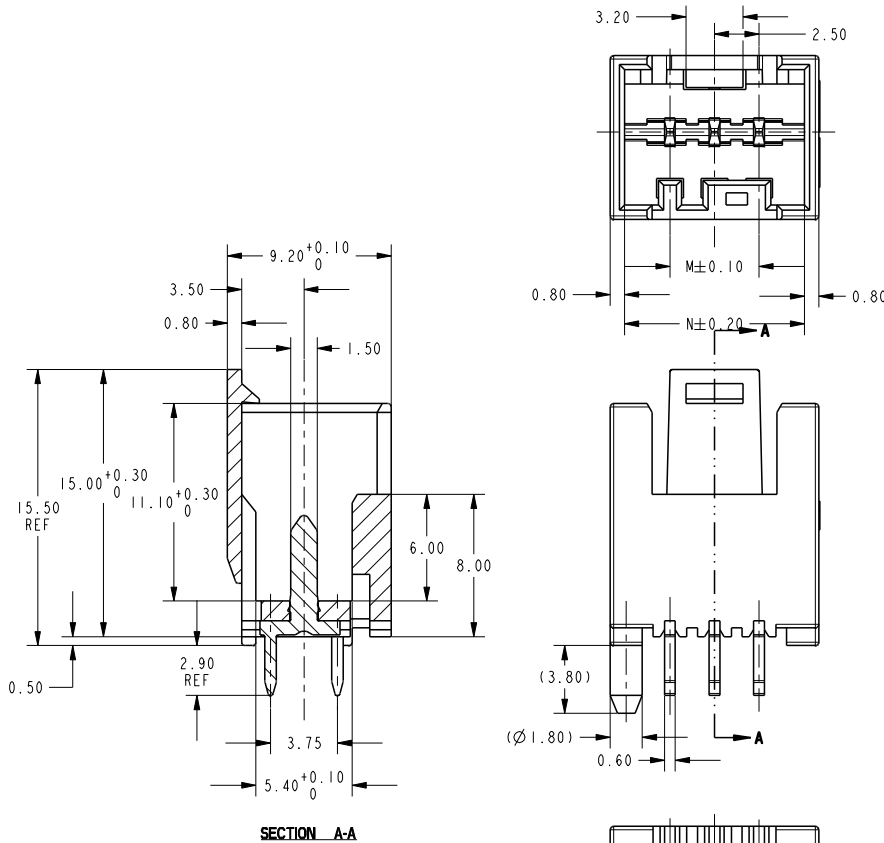
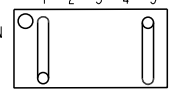
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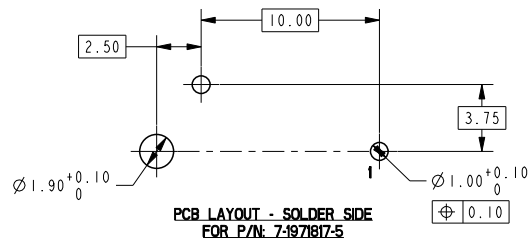
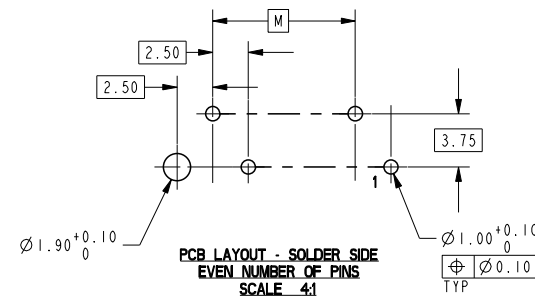
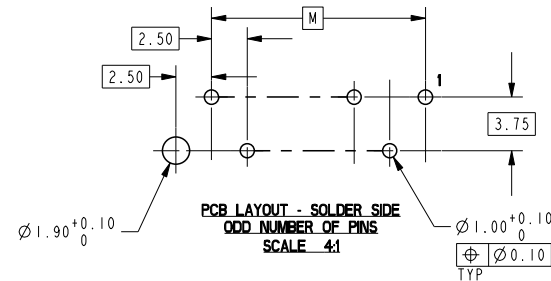
LOC		DIST		REVISIONS			
P	LYR	DESCRIPTION	DATE	DWN	APVD		
ES	00						
	A7	ECR-15-010757	20JUL2015	SL	RR		
	A8	ECR-17-010693	24JUL2017	WW	RR		

NOTE

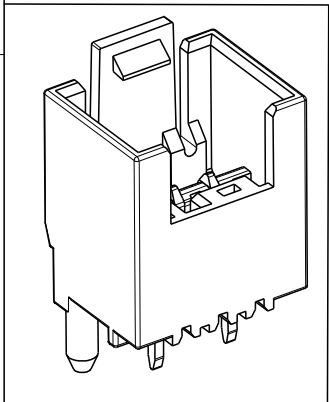
- 1 SEE SHEET 4 FOR AVAILABLE CONFIGURATIONS
- 2 MATERIAL: HOUSING, NYLON, UL94 V0, 750°C GWT NO FLAME
EIGHT COLORS AVAILABLE, INCLUDING: NATURAL, RED, BLUE, YELLOW, BLACK, GREY, GREEN, PURPLE
WHITE VERSION IS PRELIMINARY
CONTACT, COPPER ALLOY, 0.60MM THICK
- 3 FINISH: OPTION 1: TIN PLATING OVER NICKEL UNDERPLATING
OPTION 2: AG PLATING OVER NICKEL UNDERPLATING
- 4 PCB LAYOUT AS SHOWN
- 5 THE PART NUMBERS SHOWING IN SHEET 2 & 3 & 4 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 5
- 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.
- 7 FOR PN 7-1971817-5 PIN LAYOUT AS FOLLOW
- 8 PRELIMINARY PART NOT RELEASED FOR PRODUCTION



SECTION A-A



N	M	NO. OF PIS.
40.10	35.00	15
37.60	32.50	14
35.10	30.00	13
32.60	27.50	12
30.10	25.00	11
27.60	22.50	10
25.10	20.00	9
22.60	17.50	8
20.10	15.00	7
17.60	12.50	6
15.10	10.00	5
12.60	7.50	4
10.10	5.00	3



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DWN: WINTER WANG	DATE: 12NOV2012	TE TE Connectivity
CHK: HAPYE WU	DATE: 12NOV2012	
APVD: YIYHONG MAO	DATE: 12NOV2012	NAME: RAST 2.5 TAB HEADER ASSY TH, VERTICAL, EXTERNAL LOCKING
PRODUCT SPEC: 108-106079	APPLICATION SPEC: -	
MATERIAL: -	FINISH: -	SIZE: A2
WEIGHT: -	CAGE CODE: 00779	DRAWING NO: C-1971817
CUSTOMER DRAWING	SCALE: 5:1	SHEET: 1 OF 5

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LOC	DIST	REVISIONS					
ES	00	P	LYR	DESCRIPTION	DATE	DWN	APVD

QTY	TAB CONTACT	QTY	HOUSING	POS.	TE PART NO.	QTY	TAB CONTACT	QTY	HOUSING	POS.	TE PART NO.	
15	TAB CONTACT w/ SILVER PLATING	I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 15P (SEE THE DETAIL LAYOUT ON SHEET 4)	15	3-1971838-5	TAB CONTACT w/ SILVER PLATING	I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 10P (SEE THE DETAIL LAYOUT ON SHEET 4)	10	3-1971837-0	3-1971837-0	
9		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 14P (SEE THE DETAIL LAYOUT ON SHEET 4)	14	2-1971838-4		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 9P (SEE THE DETAIL LAYOUT ON SHEET 4)	9	2-1971837-0	2-1971837-0	2-1971837-0
14		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 13P (SEE THE DETAIL LAYOUT ON SHEET 4)	13	1-1971838-4		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 8P (SEE THE DETAIL LAYOUT ON SHEET 4)	8	1-1971837-0	1-1971837-0	1-1971837-0
13		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 12P (SEE THE DETAIL LAYOUT ON SHEET 4)	12	1-1971838-3		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 7P (SEE THE DETAIL LAYOUT ON SHEET 4)	7	7-1971837-9	7-1971837-9	7-1971837-9
8		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 11P (SEE THE DETAIL LAYOUT ON SHEET 4)	11	2-1971838-2		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 6P (SEE THE DETAIL LAYOUT ON SHEET 4)	6	6-1971837-9	6-1971837-9	6-1971837-9
12		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 10P (SEE THE DETAIL LAYOUT ON SHEET 4)	10	1-1971838-2		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 5P (SEE THE DETAIL LAYOUT ON SHEET 4)	5	5-1971837-9	5-1971837-9	5-1971837-9
11		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 9P (SEE THE DETAIL LAYOUT ON SHEET 4)	9	2-1971838-1		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 4P (SEE THE DETAIL LAYOUT ON SHEET 4)	4	4-1971837-9	4-1971837-9	4-1971837-9
10					1-1971838-1						3-1971837-9	
9					1-1971838-1						2-1971837-9	
6					1-1971838-1						1-1971837-9	
9					1-1971838-1						2-1971837-8	
8					1-1971838-1						1-1971837-8	
6					1-1971838-1						4-1971837-8	
7					1-1971838-1						3-1971837-8	
6					1-1971838-1						2-1971837-8	
7					1-1971838-1						1-1971837-8	
6					1-1971838-1						7-1971837-7	
5					1-1971838-1						6-1971837-7	
4					1-1971838-1						5-1971837-7	
3					1-1971838-1						4-1971837-7	
2					1-1971838-1						3-1971837-7	
1					1-1971838-1						2-1971837-7	
1					1-1971838-1						1-1971837-7	
1					1-1971838-1						4-1971837-6	
1					1-1971838-1						3-1971837-6	
1					1-1971838-1						2-1971837-6	
1					1-1971838-1						1-1971837-6	
1					1-1971838-1						4-1971837-5	
1					1-1971838-1						3-1971837-5	
1					1-1971838-1						2-1971837-5	
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1					1-1971838-1						4-1971837-4	
1					1-1971838-1						3-1971837-4	
1					1-1971838-1						2-1971837-4	
1					1-1971838-1						1-1971837-4	
1					1-1971838-1						1971837-3	
1					1-1971838-1						9-1971837-3	
1					1-1971838-1						8-1971837-3	
1					1-1971838-1						7-1971837-3	
1					1-1971838-1						6-1971837-3	
1					1-1971838-1						5-1971837-3	
1					1-1971838-1						4-1971837-3	
1					1-1971838-1						3-1971837-3	
1					1-1971838-1						2-1971837-3	
1					1-1971838-1						1-1971837-3	

QTY	TAB CONTACT	QTY	HOUSING	POS.	TE PART NO.
15	TAB CONTACT w/ SILVER PLATING	I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 15P (SEE THE DETAIL LAYOUT ON SHEET 4)	15	3-1971838-5
9		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 14P (SEE THE DETAIL LAYOUT ON SHEET 4)	14	2-1971838-4
14		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 13P (SEE THE DETAIL LAYOUT ON SHEET 4)	13	1-1971838-4
13		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 12P (SEE THE DETAIL LAYOUT ON SHEET 4)	12	1-1971838-3
8		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 11P (SEE THE DETAIL LAYOUT ON SHEET 4)	11	2-1971838-2
12		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 10P (SEE THE DETAIL LAYOUT ON SHEET 4)	10	1-1971838-2
11		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 9P (SEE THE DETAIL LAYOUT ON SHEET 4)	9	2-1971838-1
10					1-1971838-1
9					1-1971838-1
6					1-1971838-1
9					1-1971838-1
8					1-1971838-1
6					1-1971838-1
7					1-1971838-1
6					1-1971838-1
5					1-1971838-1
4					1-1971838-1
3					1-1971838-1
2					1-1971838-1
1					1-1971838-1

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: WINTER WANG 12NOV2012
 CHK: HAPYE WU 12NOV2012
 APVD: YIYHONG MAO 12NOV2012

TE Connectivity

NAME: RAST 2.5 TAB HEADER ASSY TH, VERTICAL, EXTERNAL LOCKING

SIZE: A2 CAGE CODE: 00779 DRAWING NO: 1971817

RESTRICTED TO: -

CUSTOMER DRAWING SCALE: NTS SHEET: 2 OF 5 REV: A8

DIMENSIONS: (mm) TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ±-
 1 PLC ±-
 2 PLC ±-
 3 PLC ±-
 4 PLC ±-
 ANGLES ±-
 FINISH ±-*

4

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LOC		DIST		REVISIONS			
P	LYR	DATE	DWN	APVD			
ES	00						

QTY	TAB CONTACT	QTY	HOUSING	POS.	TE PART NO
15	TAB CONTACT w/ TIN PLATING	I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 15P (SEE THE DETAIL LAYOUT ON SHEET 4)	15	3-1971818-5 2-1971818-5 1-1971818-5
9		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 14P (SEE THE DETAIL LAYOUT ON SHEET 4)	14	2-1971818-4
14		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 14P (SEE THE DETAIL LAYOUT ON SHEET 4)	14	1-1971818-4
13		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 13P (SEE THE DETAIL LAYOUT ON SHEET 4)	13	1-1971818-3
8		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 12P (SEE THE DETAIL LAYOUT ON SHEET 4)	12	2-1971818-2 1-1971818-2
12		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 12P (SEE THE DETAIL LAYOUT ON SHEET 4)	12	1-1971818-2
11		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 11P (SEE THE DETAIL LAYOUT ON SHEET 4)	11	2-1971818-1 1-1971818-1

QTY	TAB CONTACT	QTY	HOUSING	POS.	TE PART NO
10	TAB CONTACT w/ TIN PLATING	I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 10P (SEE THE DETAIL LAYOUT ON SHEET 4)	10	3-1971817-0 2-1971817-0 1-1971817-0
9		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 9P (SEE THE DETAIL LAYOUT ON SHEET 4)	9	7-1971817-9 6-1971817-9 5-1971817-9 4-1971817-9 3-1971817-9 2-1971817-9 1-1971817-9
6		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 8P (SEE THE DETAIL LAYOUT ON SHEET 4)	8	5-1971817-8 4-1971817-8 3-1971817-8 2-1971817-8 1-1971817-8
9		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 8P (SEE THE DETAIL LAYOUT ON SHEET 4)	8	7-1971817-7 6-1971817-7 5-1971817-7 4-1971817-7 3-1971817-7 2-1971817-7 1-1971817-7
8		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 8P (SEE THE DETAIL LAYOUT ON SHEET 4)	8	4-1971817-6 3-1971817-6 2-1971817-6 1-1971817-6
6		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 6P (SEE THE DETAIL LAYOUT ON SHEET 4)	6	7-1971817-5 6-1971817-5 4-1971817-5 3-1971817-5 2-1971817-5 1-1971817-5
7		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 7P (SEE THE DETAIL LAYOUT ON SHEET 4)	7	7-1971817-4 6-1971817-4 5-1971817-4 4-1971817-4 3-1971817-4 2-1971817-4 1-1971817-4
6		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 6P (SEE THE DETAIL LAYOUT ON SHEET 4)	6	1971817-3 9-1971817-3 8-1971817-3 7-1971817-3 6-1971817-3 5-1971817-3 4-1971817-3 3-1971817-3 2-1971817-3 1-1971817-3
2		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 5P (SEE THE DETAIL LAYOUT ON SHEET 4)	5	
5		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 5P (SEE THE DETAIL LAYOUT ON SHEET 4)	5	
4		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 4P (SEE THE DETAIL LAYOUT ON SHEET 4)	4	
3		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 3P (SEE THE DETAIL LAYOUT ON SHEET 4)	3	

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DWN: WINTER WANG 12NOV2012
 CHK: HAPYE WU 12NOV2012
 APVD: YI HONG MAO 12NOV2012

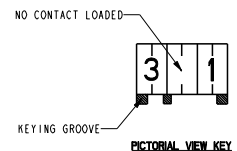
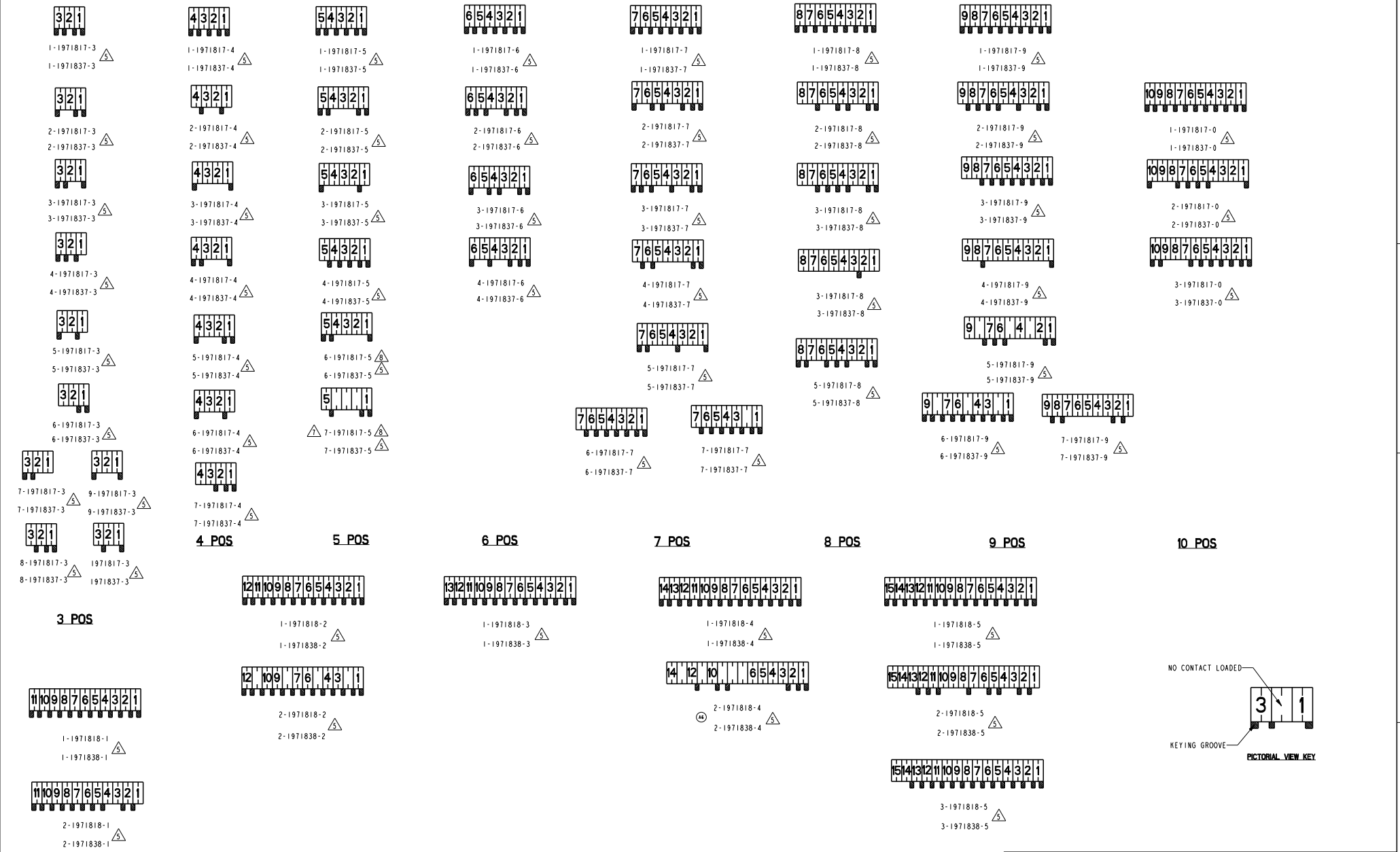
TE Connectivity

NAME: RAST 2.5 TAB HEADER ASSY TH, VERTICAL, EXTERNAL LOCKING

SIZE: A2 CAGE CODE: 00779 DRAWING NO: 1971817

RESTRICTED TO: -

CUSTOMER DRAWING SCALE: NTS SHEET 3 OF 5 REV: A8



THIS DRAWING IS A CONTROLLED DOCUMENT.		DATE: 22NOV2012	BY: WINTER WANG
DRAWING NO: 00779		DATE: 22NOV2012	BY: HAPYE WU
CUSTOMER DRAWING		DATE: 22NOV2012	BY: YUJONG MAO
SCALE: 5:1		TE Connectivity	
SHEET: 4 OF 5		RESTRICTED TO: REV: A8	

Mouser Electronics

Authorized Distributor

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