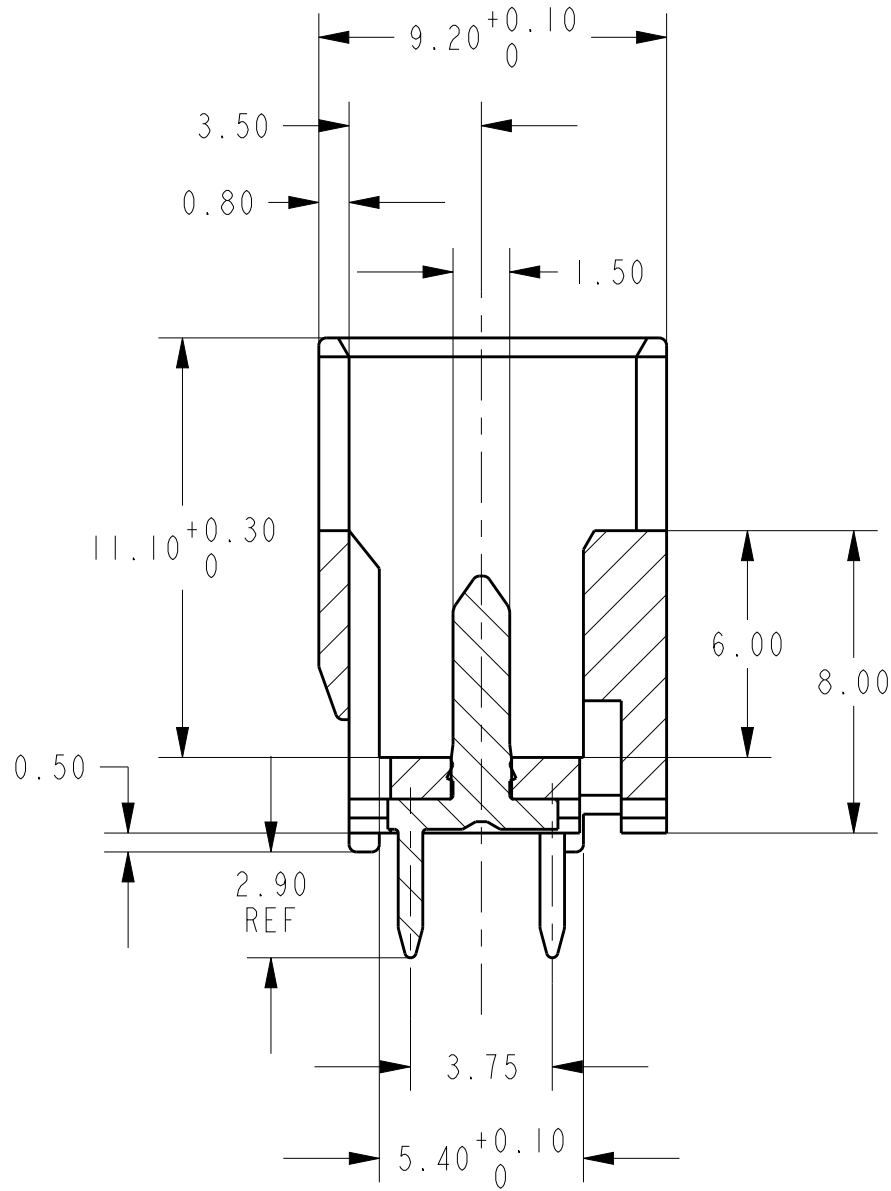
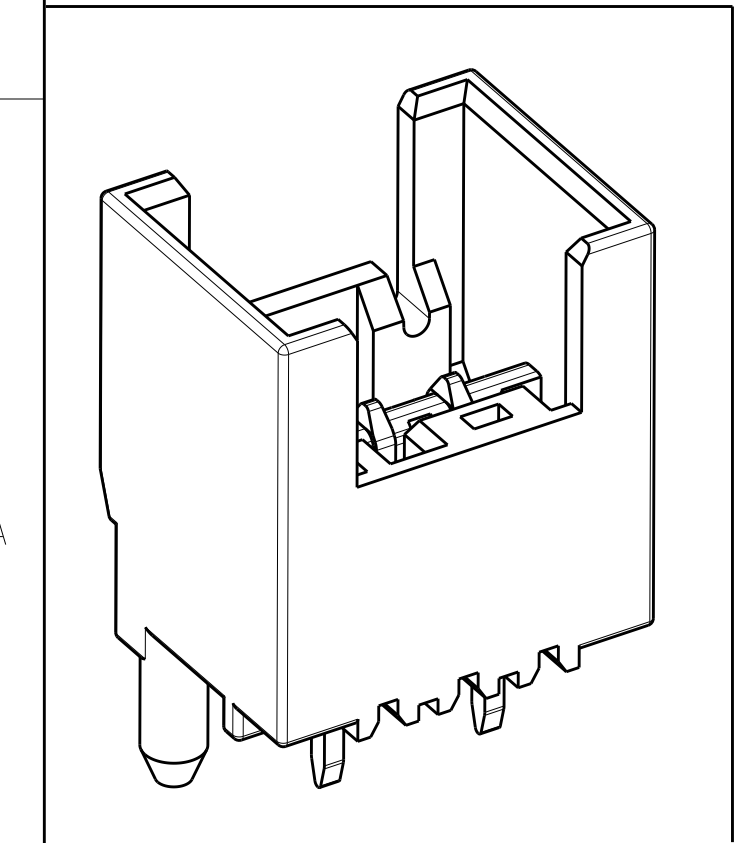


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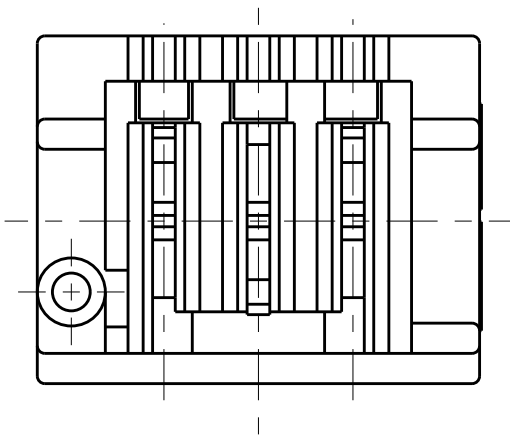
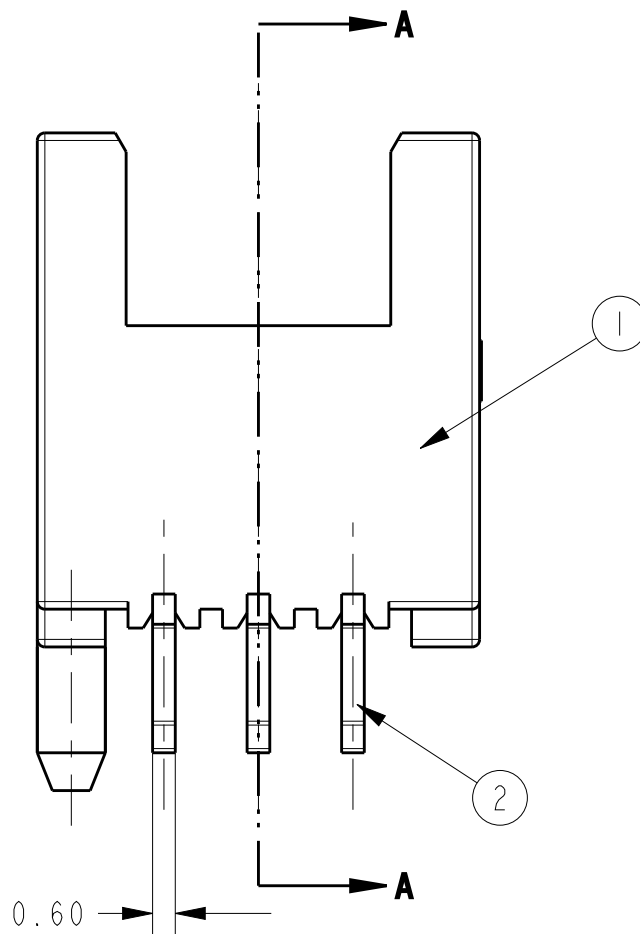
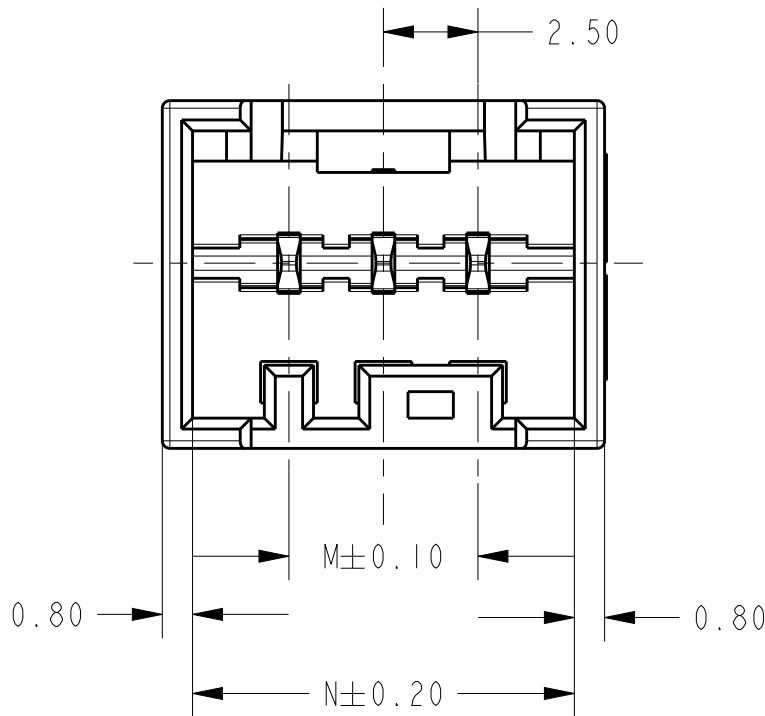
C

B

A

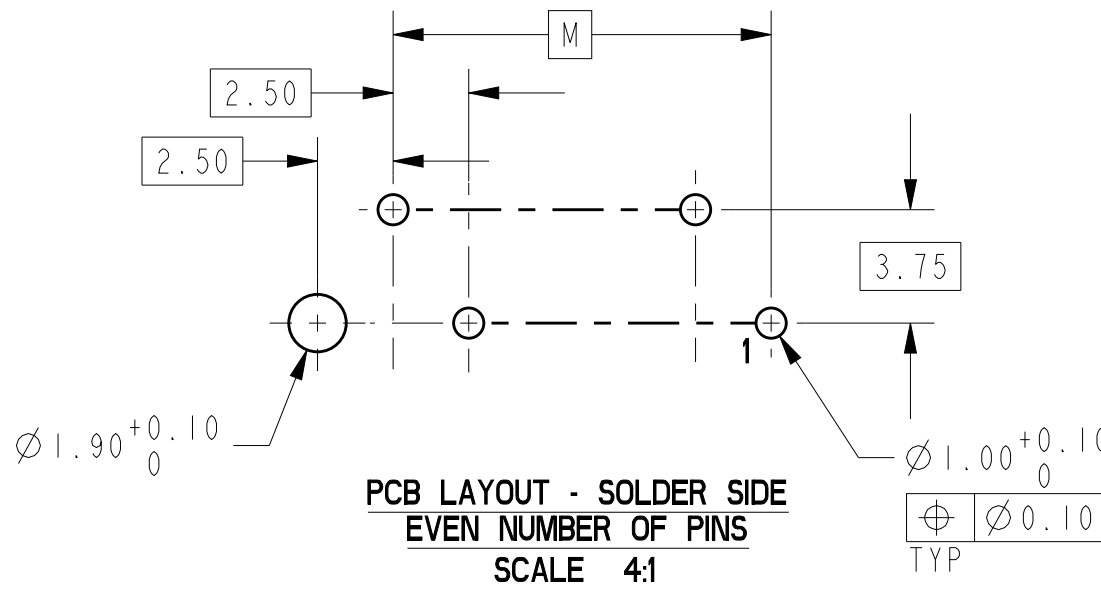
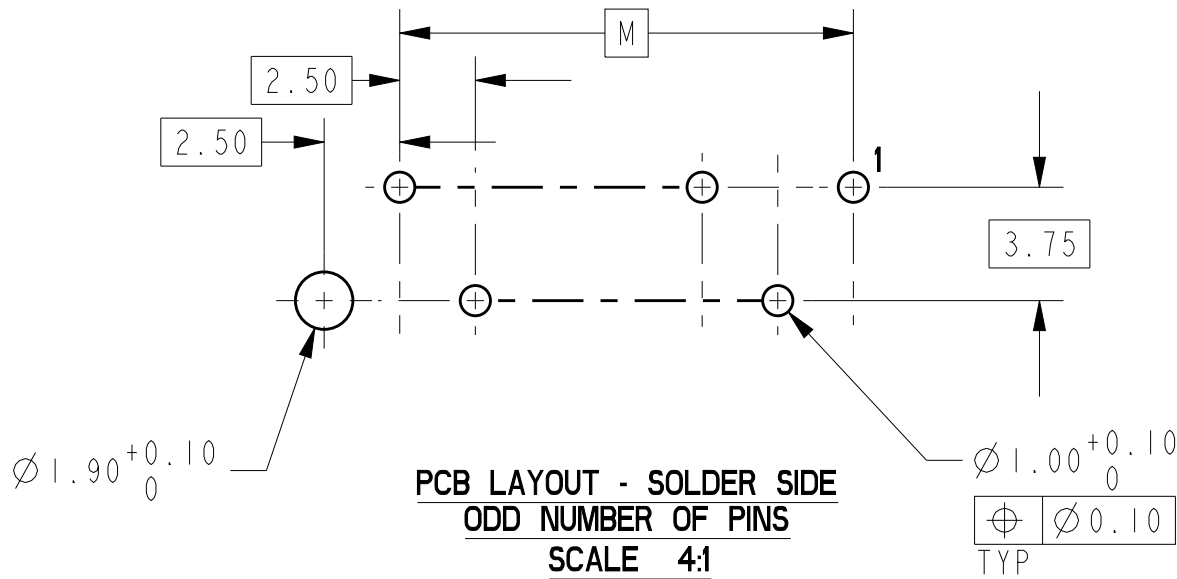


SECTION A-A



NOTE

- SEE SHEET 2 FOR AVAILABLE CONFIGURATIONS
- 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
- FINISH: OPTION 1: TIN PLATING OVER NICKEL UNDERPLATING
OPTION 2: AG PLATING OVER NICKEL UNDERPLATING
- PCB LAYOUT AS SHOWN
- 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
- 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.



N	M	NO. OF POS.
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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN WINTER WANG CHK HAPYE WU APVD YUJHONG MAO	12NOV2012 12NOV2012 12NOV2012	TE Connectivity		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RAST 2.5 TAB HEADER ASYY TH, VERTICAL, INTERNAL LOCKING		
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES FINISH		± ± ±0.20 ± ± ±° ±°		PRODUCT SPEC 108-106079		
MATERIAL		-		APPLICATION SPEC -		
				WEIGHT -		
				CUSTOMER DRAWING		
				SIZE A2	CAGE CODE 00779	DRAWING NO C-1971819
				RESTRICTED TO -		
				SCALE NTS	SHEET 1	OF 5
				REV A3		

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

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BY -

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LOC-

DIST-

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

15

TAB CONTACT
w/ AG PLATING

1

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 15P
(SEE THE DETAIL LAYOUT ON SHEET 4)

15

3-1971840-5

2-1971840-5

1-1971840-5

14

TAB CONTACT
w/ AG PLATING

1

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 14P
(SEE THE DETAIL LAYOUT ON SHEET 4)

14

1-1971840-4

13

TAB CONTACT
w/ AG PLATING

1

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 13P
(SEE THE DETAIL LAYOUT ON SHEET 4)

13

1-1971840-3

12

TAB CONTACT
w/ AG PLATING

1

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 12P
(SEE THE DETAIL LAYOUT ON SHEET 4)

12

1-1971840-2

11

TAB CONTACT
w/ AG PLATING

1

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 11P
(SEE THE DETAIL LAYOUT ON SHEET 4)

11

2-1971840-1

1-1971840-1

QTY

2

QTY

1

POS.

TE PART NO. 5

10

TAB CONTACT
w/ AG PLATING

1

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 10P
(SEE THE DETAIL LAYOUT ON SHEET 4)

10

3-1971839-0

2-1971839-0

1-1971839-0

6

TAB CONTACT
w/ AG PLATING

1

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 9P
(SEE THE DETAIL LAYOUT ON SHEET 4)

9

5-1971839-9

4-1971839-9

3-1971839-9

2-1971839-9

1-1971839-9

9

TAB CONTACT
w/ AG PLATING

1

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 9P
(SEE THE DETAIL LAYOUT ON SHEET 4)

9

5-1971839-9

4-1971839-9

3-1971839-9

2-1971839-9

1-1971839-9

8

TAB CONTACT
w/ AG PLATING

1

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 8P
(SEE THE DETAIL LAYOUT ON SHEET 4)

8

3-1971839-8

2-1971839-8

1-1971839-8

7

TAB CONTACT
w/ AG PLATING

1

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 7P
(SEE THE DETAIL LAYOUT ON SHEET 4)

7

6-1971839-7

5-1971839-7

4-1971839-7

3-1971839-7

2-1971839-7

1-1971839-7

6

TAB CONTACT
w/ AG PLATING

1

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 6P
(SEE THE DETAIL LAYOUT ON SHEET 4)

6

4-1971839-6

3-1971839-6

2-1971839-6

1-1971839-6

5

TAB CONTACT
w/ AG PLATING

1

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 5P
(SEE THE DETAIL LAYOUT ON SHEET 4)

5

4-1971839-5

3-1971839-5

2-1971839-5

1-1971839-5

4

TAB CONTACT
w/ AG PLATING

1

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 4P
(SEE THE DETAIL LAYOUT ON SHEET 4)

4

5-1971839-4

4-1971839-4

3-1971839-4

2-1971839-4

1-1971839-4

3

TAB CONTACT
w/ AG PLATING

1

RAST 2.5 TAB HEADER HOUSING,
INTERNAL LOCKING, 3P
(SEE THE DETAIL LAYOUT ON SHEET 4)

3

1971839-3

9-1971839-3

8-1971839-3

7-1971839-3

6-1971839-3

5-1971839-3

4-1971839-3

3-1971839-3

2-1971839-3

1-1971839-3

QTY

2

QTY

1

POS.

TE PART NO. 5

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-

1 PLC ±-

2 PLC ±0.20

3 PLC ±-

4 PLC ±-

ANGLES ±1°

FINISH

DWN 12NOV2012
CHK WINTER WANG
HAPYE WU
APVD YUJHONG MAO

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

NAME RAST 2.5 TAB HEADER ASYY
TH, VERTICAL, INTERNAL LOCKING

SIZE A2

CAGE CODE 00779

DRAWING NO C-1971819

RESTRICTED TO

SCALE NTS

SHEET 2 OF 5

REV A3

1471-9 (3/11)

		-	SEE SHEET 1	-	-	-

D

D

C

C

B

B

15	TAB CONTACT w/ TIN PLATING	I	RAST 2.5 TAB HEADER HOUSING, INTERNAL LOCKING, 15P (SEE THE DETAIL LAYOUT ON SHEET 4)	15	3-1971820-5 2-1971820-5 1-1971820-5
14		I	RAST 2.5 TAB HEADER HOUSING, INTERNAL LOCKING, 14P (SEE THE DETAIL LAYOUT ON SHEET 4)	14	1-1971820-4
13		I	RAST 2.5 TAB HEADER HOUSING, INTERNAL LOCKING, 13P (SEE THE DETAIL LAYOUT ON SHEET 4)	13	1-1971820-3
12		I	RAST 2.5 TAB HEADER HOUSING, INTERNAL LOCKING, 12P (SEE THE DETAIL LAYOUT ON SHEET 4)	12	1-1971820-2
11		I	RAST 2.5 TAB HEADER HOUSING, INTERNAL LOCKING, 11P (SEE THE DETAIL LAYOUT ON SHEET 4)	11	2-1971820-1 1-1971820-1
QTY	②	QTY	①	POS.	TE PART NO. 5

10	TAB CONTACT w/ TIN PLATING	I	RAST 2.5 TAB HEADER HOUSING, INTERNAL LOCKING, 10P (SEE THE DETAIL LAYOUT ON SHEET 4)	10	3-1971819-0 2-1971819-0 1-1971819-0
6		I	RAST 2.5 TAB HEADER HOUSING, INTERNAL LOCKING, 9P (SEE THE DETAIL LAYOUT ON SHEET 4)	9	5-1971819-9 4-1971819-9 3-1971819-9 2-1971819-9 1-1971819-9
9					
8					3-1971819-8 2-1971819-8 1-1971819-8
7					6-1971819-7 5-1971819-7 4-1971819-7 3-1971819-7 2-1971819-7 1-1971819-7
6		I	RAST 2.5 TAB HEADER HOUSING, INTERNAL LOCKING, 6P (SEE THE DETAIL LAYOUT ON SHEET 4)	6	4-1971819-6 3-1971819-6 2-1971819-6 1-1971819-6
5					4-1971819-5 3-1971819-5 2-1971819-5 1-1971819-5
4					5-1971819-4 4-1971819-4 3-1971819-4 2-1971819-4 1-1971819-4
3		I	RAST 2.5 TAB HEADER HOUSING, INTERNAL LOCKING, 3P (SEE THE DETAIL LAYOUT ON SHEET 4)	3	1971819-3 9-1971819-3 8-1971819-3 7-1971819-3 6-1971819-3 5-1971819-3 4-1971819-3 3-1971819-3 2-1971819-3 1-1971819-3
QTY	②	QTY	①	POS.	TE PART NO. 5

A

A

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

±
±
±0.20
±
±
±°
-

DWN
WINTER WANG
CHK
HAPYE WU
APVD
YUJHONG MAO

12NOV2012
12NOV2012
12NOV2012

PRODUCT SPEC
-
APPLICATION SPEC
-
WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

NAME
RAST 2.5 TAB HEADER ASYY
TH, VERTICAL, INTERNAL LOCKING
-

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-1971819

RESTRICTED TO
-

SCALE
NTS

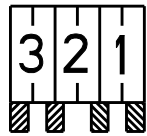
SHEET
3

OF
5

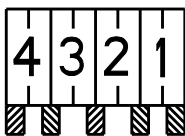
REV
A3

1471-9 (3/11)

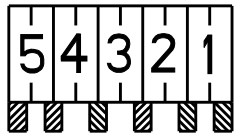
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P	LYR	DESCRIPTION			DATE	DWN	APVD
		SEE SHEET 1			-	-	-



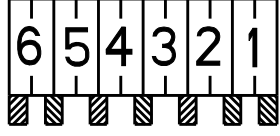
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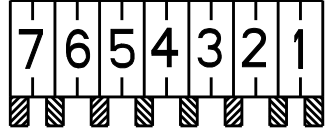
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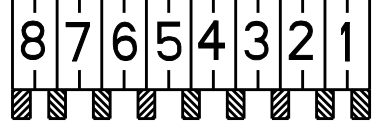
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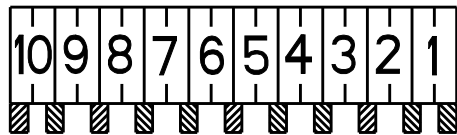
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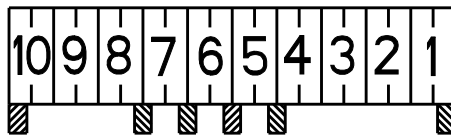
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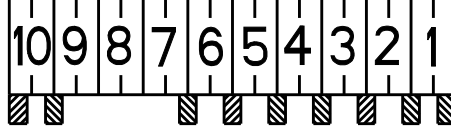
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1-1971819-0
1-1971839-0



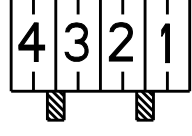
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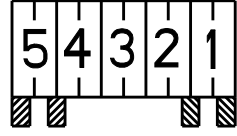
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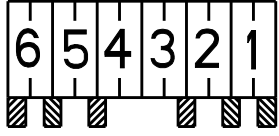
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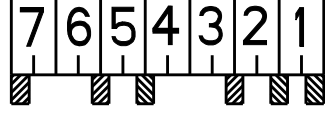
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2-1971839-5



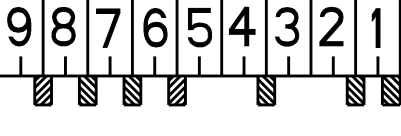
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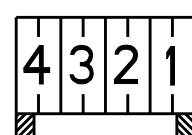
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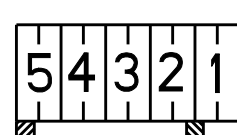
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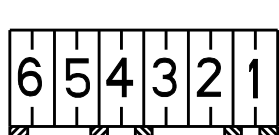
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3-1971819-4
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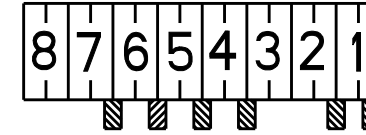
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4-1971839-4



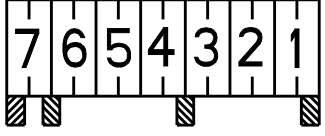
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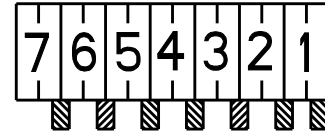
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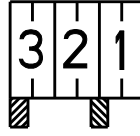
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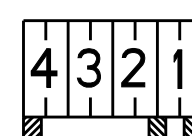
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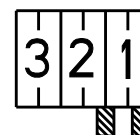
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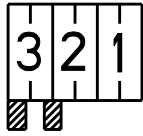
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5-1971839-3



5-1971819-4
5-1971839-4



6-1971819-3
6-1971839-3



7-1971819-3
7-1971839-3



9-1971819-3
9-1971839-3



8-1971819-3
8-1971839-3



1971819-3
1971839-3

3 POS

4 POS

5 POS

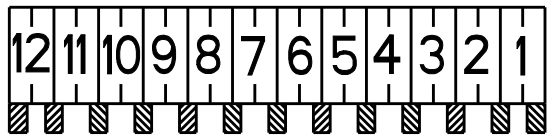
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7 POS

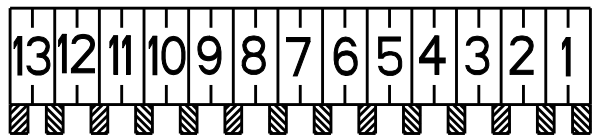
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9 POS

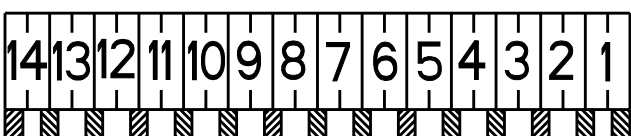
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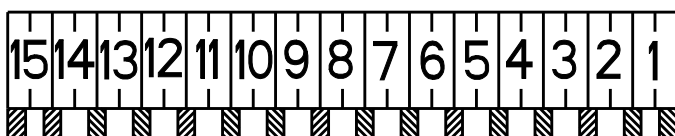
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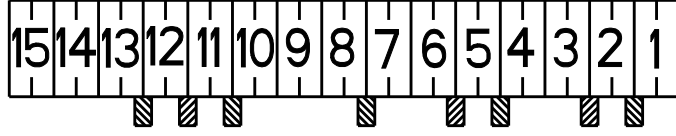
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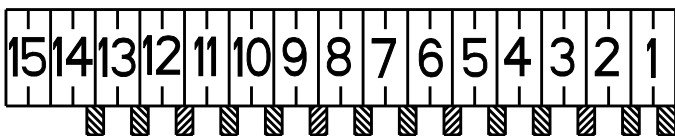
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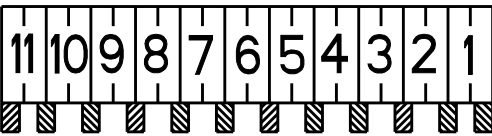
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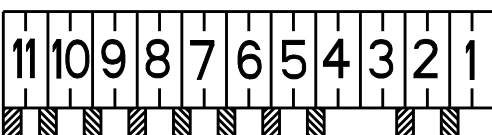
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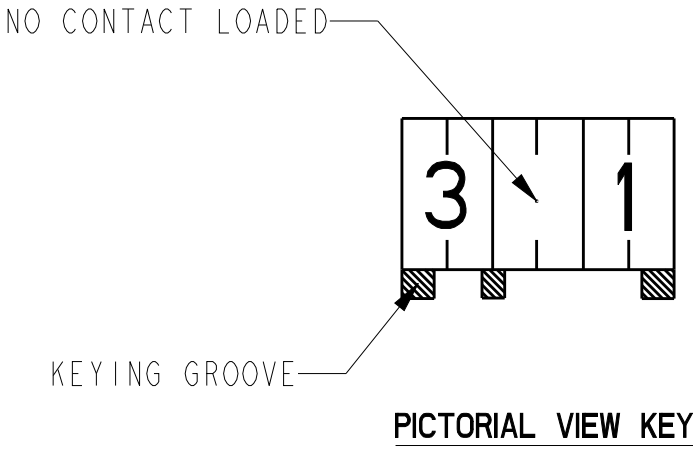
11 POS

12 POS

13 POS

14 POS

15 POS



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: WINTER WANG CHK: HAPYE WU APVD: YUZHONG MAO	12NOV2012 12NOV2012 12NOV2012	TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ±0.20 3 PLC ± 4 PLC ± ANGLES ±1° FINISH		NAME RAST 2.5 TAB HEADER ASYY TH, VERTICAL, INTERNAL LOCKING	
MATERIAL		WEIGHT		SIZE A1	RESTRICTED TO
-		-		CAGE CODE 00779	REV A3
CUSTOMER DRAWING		SCALE NTS		SHEET 4	OF 5

4

3

2

1

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20

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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

#-1971820-#

PREFIX

BASE NUMBER

POSTFIX

COLOR	PART NUMBER OF THE CONNECTOR 				COMMENTS
	WITH TIN PLATING CONTACT		WITH AG PLATING CONTACT		
NATURAL	#-1971819-#	#-1971820-#	#-1971839-#	#-1971840-#	THE DETAIL P/N FOR DIFFERENT KEYING SEE SHEET 2 & 3 & 4
RED	#-2232161-#	#-2232162-#	#-2232163-#	#-2232164-#	THE PREFIX AND POSTFIX ARE THE SAME WITH THE P/N OF THE NATURAL CONNECTOR FOR THE SAME KEYING CONFIGURATION, JUST THE BASE NUMBERS ARE DIFFERENT BASED ON DIFFERENT COLOR. # CAN BE THE NUMBER FROM 0 TO 9.
BLUE	#-2232165-#	#-2232166-#	#-2232167-#	#-2232168-#	
YELLOW	#-2232169-#	#-2232170-#	#-2232171-#	#-2232172-#	
BALCK	#-2232173-#	#-2232174-#	#-2232175-#	#-2232176-#	
GREY	#-2232177-#	#-2232178-#	#-2232179-#	#-2232180-#	
GREEN	#-2232181-#	#-2232182-#	#-2232183-#	#-2232184-#	
PURPLE	#-2232185-#	#-2232186-#	#-2232187-#	#-2232188-#	
WHITE	#-2232281-#	#-2232282-#	#-2232283-#	#-2232284-#	

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 5-1971819-4, THEN WE CAN LOOK IN THE ABOVE TABLE TO FIND THE CONNECTOR P/N WITH RED COLOR IS 5-2232161-4

4

3

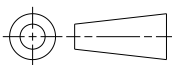
2

1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±

2 PLC ±0.20

3 PLC ±

4 PLC ±

ANGLES ±°

FINISH

MATERIAL

-

DWN WINTER WANG 12NOV2012

CHK HAPYE WU 12NOV2012

APVD YUJHONG MAO 12NOV2012

PRODUCT SPEC 108-106079

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

 TE Connectivity

NAME RAST 2.5 TAB HEADER ASYY TH, VERTICAL, INTERNAL LOCKING

SIZE A2

CAGE CODE 100779

DRAWING NO 1971819

RESTRICTED TO -

SCALE NTS SHEET 5 OF 5 REV A3

1471-9 (3/11)

Mouser Electronics

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