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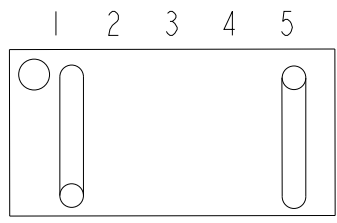
B

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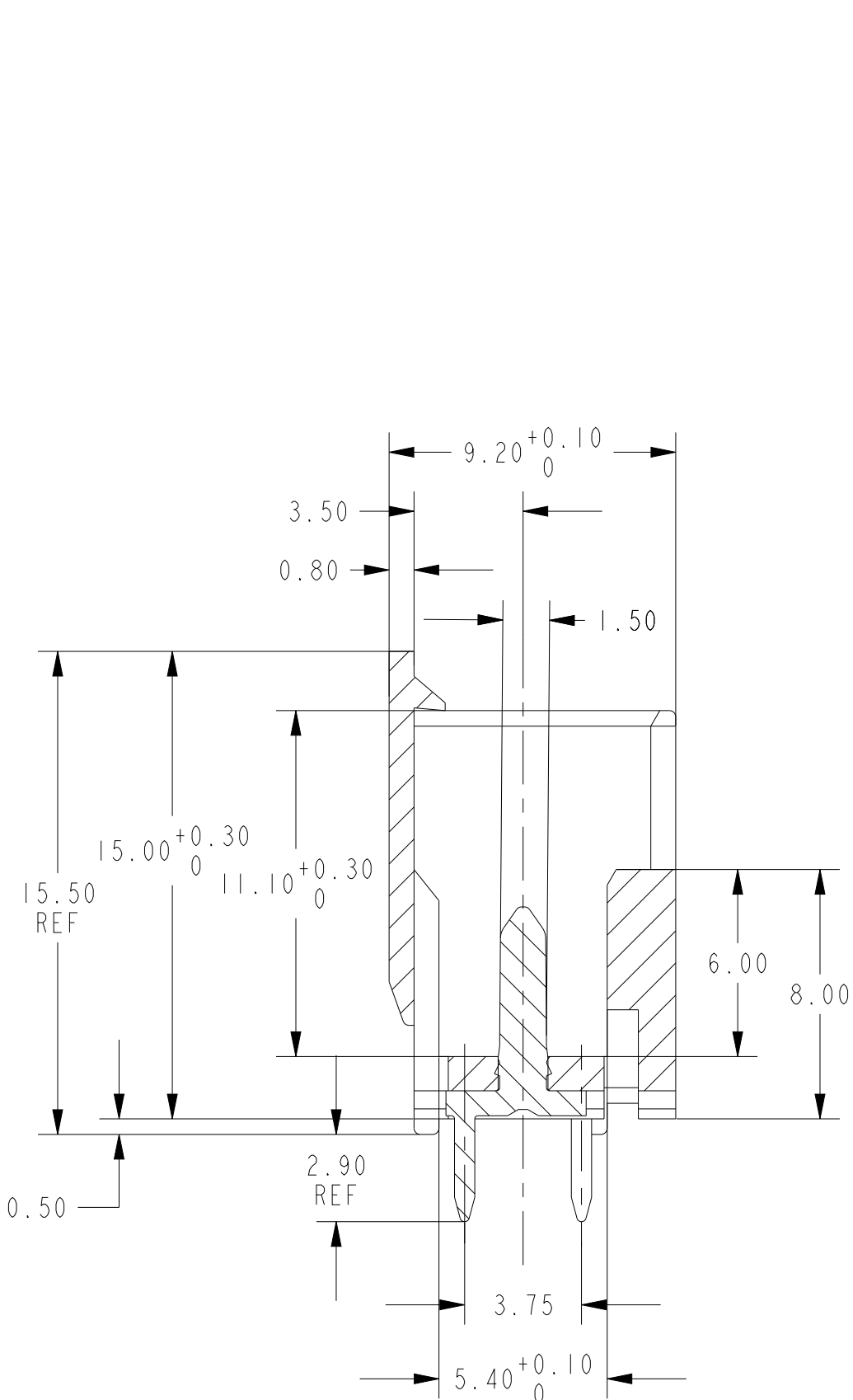
NOTE

- 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
FOR 1-2367449-1, THE HOUSING IS PA66 WITH HIGHER THERMAL RESISTANCE
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

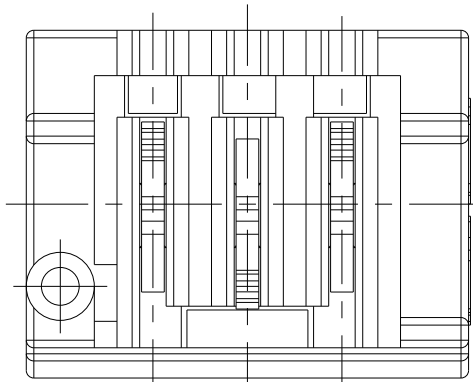
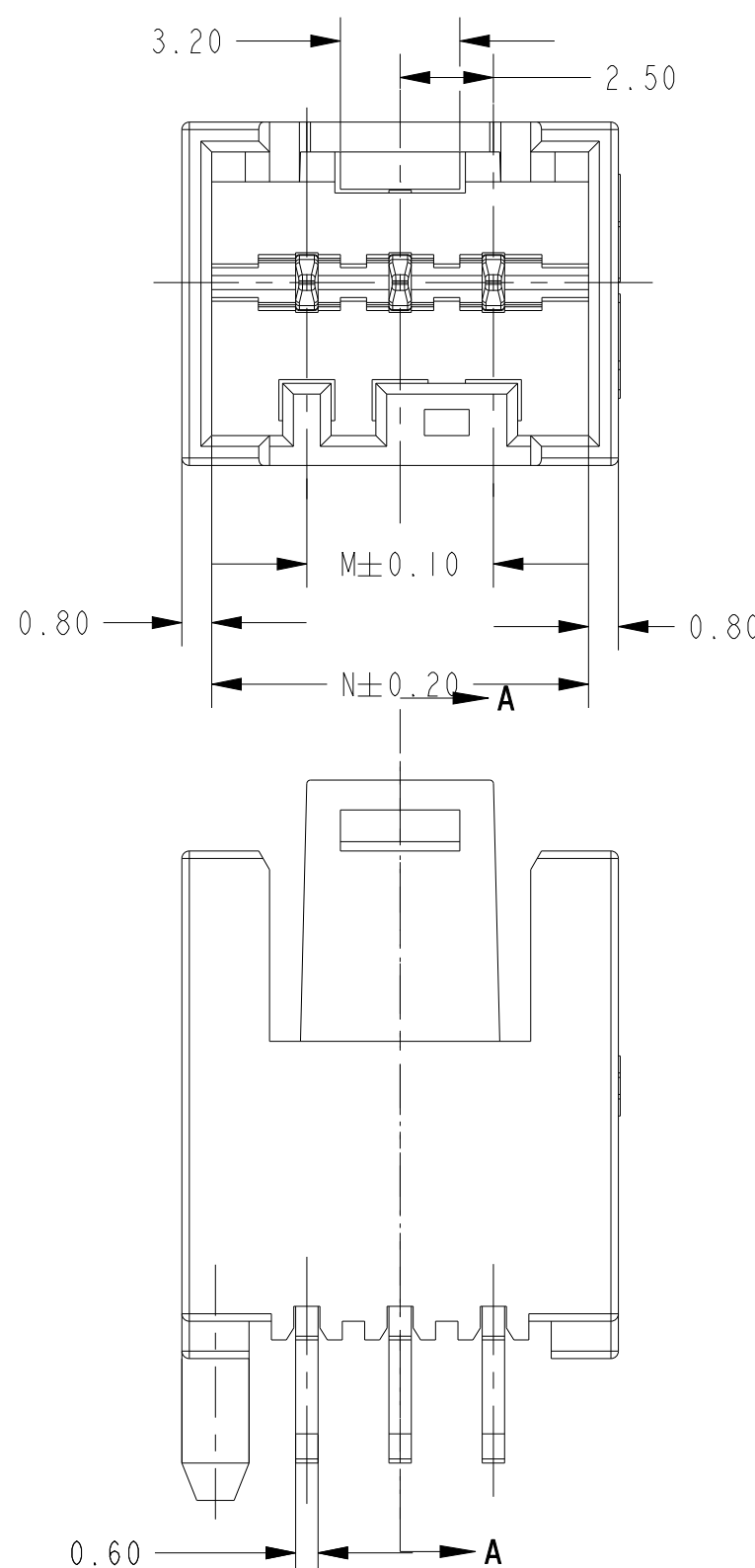
- 5 THE PART NUMBERS SHOWING IN SHEET 2 & 3 & 4 ARE FOR NATURAL COLOR . THE PART NUMBER FOR OTHER COLOR ARE BASED ON THE NATURAL ONE: FOR THE SAME CONFIGURATION, THE PREFIX AND POSTFIX OF THE P/N ARE THE SAME, ONLY THE BASE NUMBER IS DIFFERENT ACCORDING TO DIFFERENT COLOR, DETAIL PLEASE SEE SHEET 6
- 6 PACKAGING: LOOSE PIECE OR TUBE. THE PART NUMBERS IN THIS DRAWING ARE WITH LOOSE PIECE PACKAGING EXCEPT THE PN 1-2322471-3. 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
- 9 SPECIAL VERSION WITHOUT PEG FEATURE.



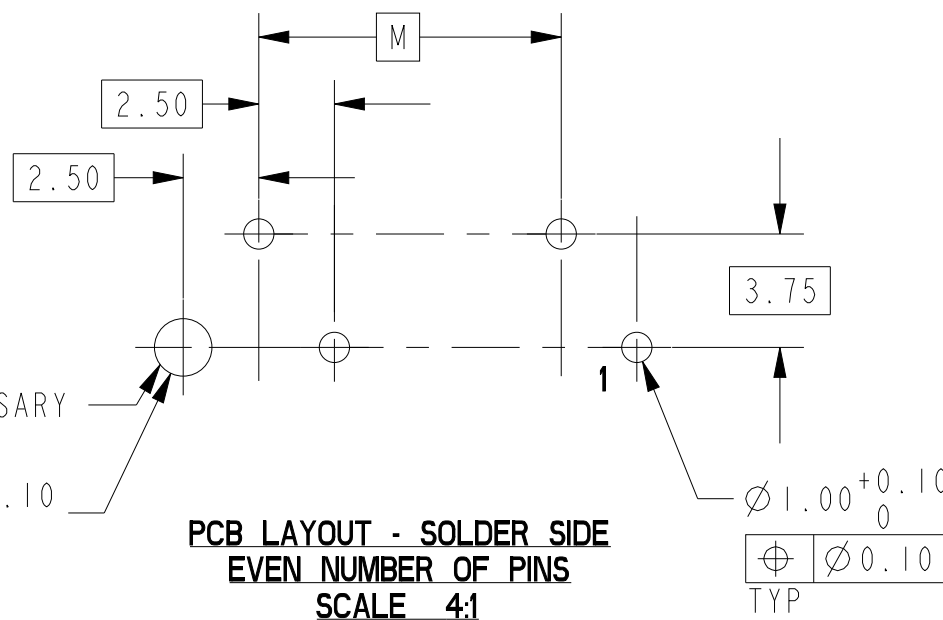
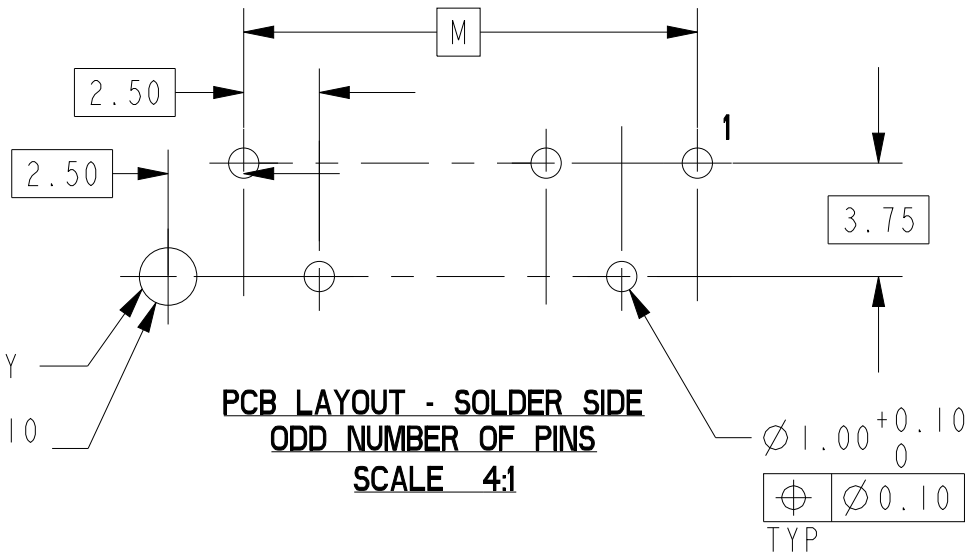
10 PN 5-1971817-5: PCB LAYOUT FOR ODD NUMBERS OF PINS APPLIES (THE POSITION OF THE PINS 1 AND 5 ARE SAME AS 1-1971817-5).



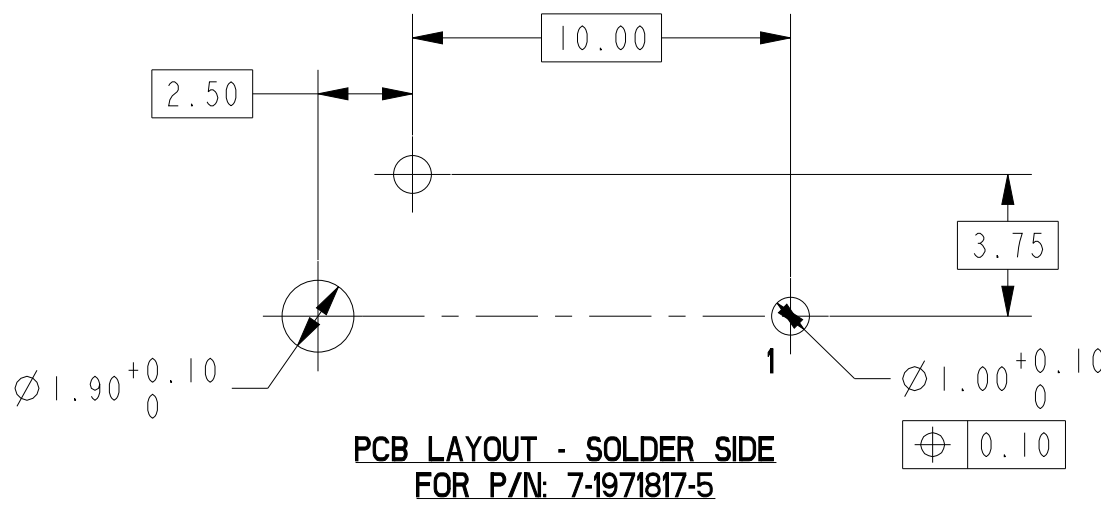
SECTION A-A



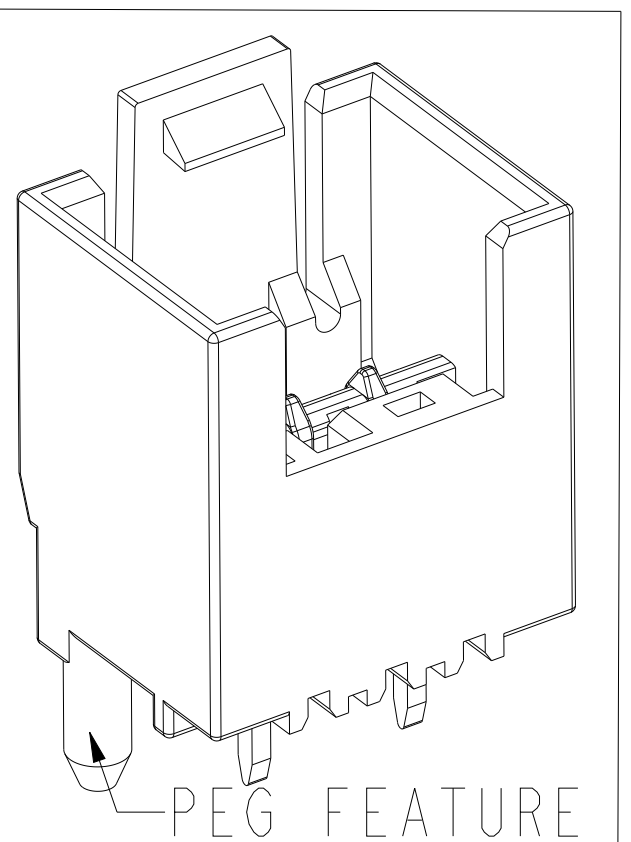
THIS HOLE IS NOT NECESSARY FOR PRODUCT OF NOTE 9.



THIS HOLE IS NOT NECESSARY FOR PRODUCT OF NOTE 9.



PCB LAYOUT - SOLDER SIDE FOR P/N: 7-1971817-5



PEG FEATURE

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
N	M	NO. OF POS.

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±
1 PLC	±
2 PLC	±0.20
3 PLC	±
4 PLC	±
ANGLES	±1°
FINISH	

DWN: WINTER WANG 12NOV2012

CHK: HAPYE WU 12NOV2012

APVD: YUHONG MAO 12NOV2012

PRODUCT SPEC: 108-106079

APPLICATION SPEC: -

WEIGHT: -

CUSTOMER DRAWING

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

SIZE: A2	CAGE CODE: 00779	DRAWING NO: C-1971817	RESTRICTED TO:
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SCALE: 5:1	SHEET: 1	OF: 6	REV: A18
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REVISIONS

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DESCRIPTION

DATE

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RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 10P
(SEE THE DETAIL LAYOUT ON SHEET 5)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 9P
(SEE THE DETAIL LAYOUT ON SHEET 5)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 8P
(SEE THE DETAIL LAYOUT ON SHEET 5)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 7P
(SEE THE DETAIL LAYOUT ON SHEET 5)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 6P
(SEE THE DETAIL LAYOUT ON SHEET 5)

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

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

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 3P
(SEE THE DETAIL LAYOUT ON SHEET 5)

3-1971837-0

2-1971837-0

1-1971837-0

7-1971837-9

6-1971837-9

5-1971837-9

4-1971837-9

3-1971837-9

2-1971837-9

1-1971837-9

5-1971837-8

4-1971837-8

3-1971837-8

2-1971837-8

1-1971837-8

7-1971837-7

6-1971837-7

5-1971837-7

4-1971837-7

3-1971837-7

2-1971837-7

1-1971837-7

4-1971837-6

3-1971837-6

2-1971837-6

1-1971837-6

4-1971837-5

3-1971837-5

2-1971837-5

1-1971837-5

7-1971837-4

6-1971837-4

5-1971837-4

4-1971837-4

3-1971837-4

2-1971837-4

1-1971837-4

1971837-3

9-1971837-3

8-1971837-3

7-1971837-3

6-1971837-3

5-1971837-3

4-1971837-3

3-1971837-3

2-1971837-3

1-1971837-3

TAB CONTACT
w/ SILVER PLATING

TAB CONTACT
w/ SILVER PLATING

TAB CONTACT
w/ SILVER PLATING

TAB CONTACT
w/ SILVER PLATING

TAB CONTACT
w/ SILVER PLATING

TAB CONTACT
w/ SILVER PLATING

TAB CONTACT
w/ SILVER PLATING

TAB CONTACT
w/ SILVER PLATING

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QTY

TAB CONTACT

TAB CONTACT

TAB CONTACT

TAB CONTACT

TAB CONTACT

TAB CONTACT

TAB CONTACT

TAB CONTACT

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QTY

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 15P
(SEE THE DETAIL LAYOUT ON SHEET 5)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 14P
(SEE THE DETAIL LAYOUT ON SHEET 5)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 13P
(SEE THE DETAIL LAYOUT ON SHEET 5)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 12P
(SEE THE DETAIL LAYOUT ON SHEET 5)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 11P
(SEE THE DETAIL LAYOUT ON SHEET 5)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 11P
(SEE THE DETAIL LAYOUT ON SHEET 5)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 11P
(SEE THE DETAIL LAYOUT ON SHEET 5)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 11P
(SEE THE DETAIL LAYOUT ON SHEET 5)

15

14

13

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POS.

3-1971838-5

2-1971838-5

1-1971838-5

2-1971838-4

1-1971838-4

1-1971838-3

2-1971838-2

1-1971838-2

2-1971838-1

1-1971838-1

2-1971838-1

1-1971838-1

TE PART NO. 5

15

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POS.

3-1971838-5

2-1971838-5

1-1971838-5

2-1971838-4

1-1971838-4

1-1971838-3

2-1971838-2

1-1971838-2

2-1971838-1

1-1971838-1

2-1971838-1

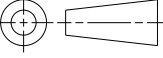
1-1971838-1

TE PART NO. 5

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DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±

2 PLC ±0.20

3 PLC ±

4 PLC ±

ANGLES ±1°

FINISH

MATERIAL

-

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

12NOV2012

12NOV2012

12NOV2012

-

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WINTER WANG

HAPYE WU

YUHONG MAO

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

RAST 2.5 TAB HEADER ASSY
TH, VERTICAL, EXTERNAL LOCKING

-

A2

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1971817

SCALE

5:1

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD

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TAB CONTACT
w/ TIN PLATING

QTY

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RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 10P
(SEE THE DETAIL LAYOUT ON SHEET 5)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 9P
(SEE THE DETAIL LAYOUT ON SHEET 5)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 8P
(SEE THE DETAIL LAYOUT ON SHEET 5)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 7P
(SEE THE DETAIL LAYOUT ON SHEET 5)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 6P
(SEE THE DETAIL LAYOUT ON SHEET 5)

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

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

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 3P
(SEE THE DETAIL LAYOUT ON SHEET 5)

10

9

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7

6

5

4

3

POS.

3-1971817-0

2-1971817-0

1-1971817-0

7-1971817-9

6-1971817-9

5-1971817-9

4-1971817-9

3-1971817-9

2-1971817-9

1-1971817-9

5-1971817-8

4-1971817-8

3-1971817-8

2-1971817-8

1-1971817-8

7-1971817-7

6-1971817-7

5-1971817-7

4-1971817-7

3-1971817-7

2-1971817-7

1-1971817-7

4-1971817-6

3-1971817-6

2-1971817-6

1-1971817-6

9-1971817-5

8-1971817-5

7-1971817-5

6-1971817-5

5-1971817-5

4-1971817-5

3-1971817-5

2-1971817-5

1-1971817-5

7-1971817-4

6-1971817-4

5-1971817-4

4-1971817-4

3-1971817-4

2-1971817-4

1-1971817-4

1-2322471-3

1-2335894-3

2335894-3

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

TE PART NO.5

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TAB CONTACT

QTY

HOUSING

POS.

TE PART NO.5

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 15P
(SEE THE DETAIL LAYOUT ON SHEET 5)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 14P
(SEE THE DETAIL LAYOUT ON SHEET 5)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 13P
(SEE THE DETAIL LAYOUT ON SHEET 5)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 12P
(SEE THE DETAIL LAYOUT ON SHEET 5)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 11P
(SEE THE DETAIL LAYOUT ON SHEET 5)

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DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±

2 PLC ±0.20

3 PLC ±

4 PLC ±

ANGLES ±1°

FINISH

MATERIAL

-

DWN
WINTER WANG
12NOV2012

CHK
HAPYE WU
12NOV2012

APVD
YUHONG MAO
12NOV2012

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

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

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-1971817

RESTRICTED TO

SCALE
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3

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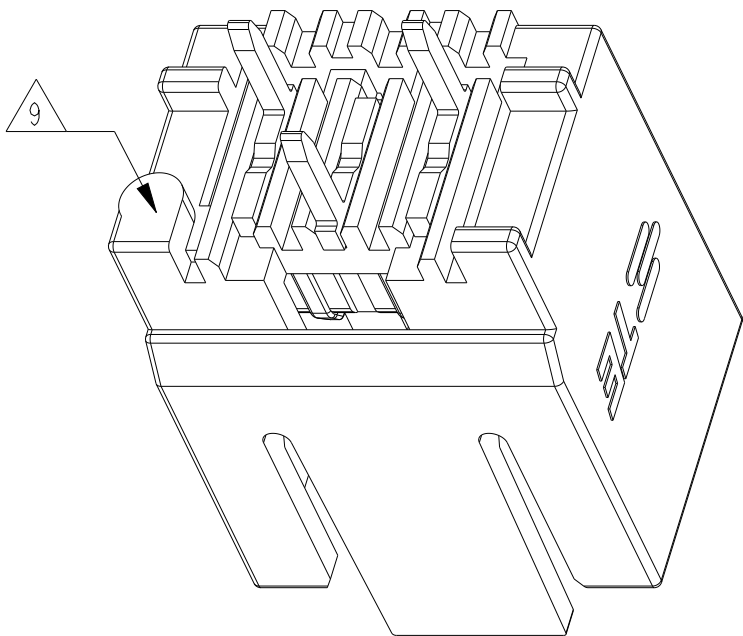
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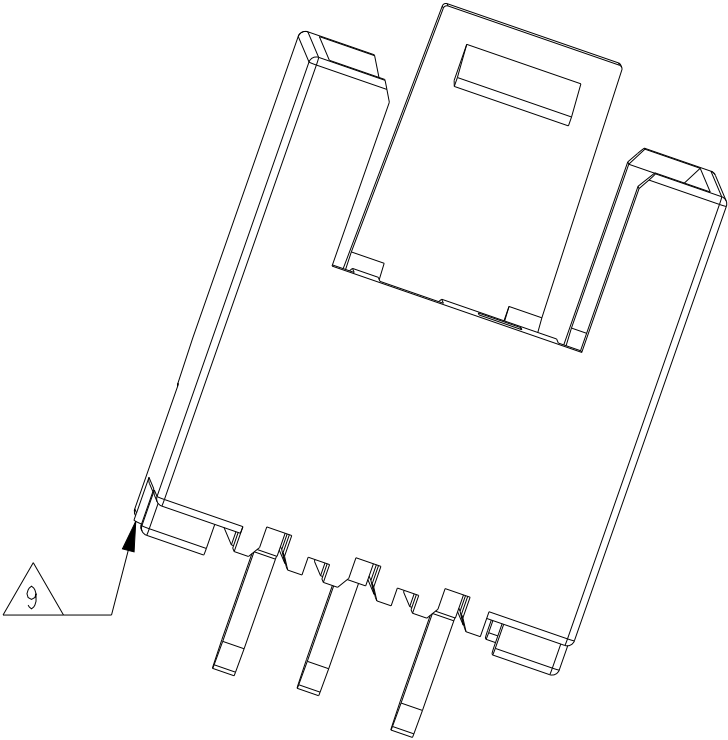
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P	LTR	DESCRIPTION	DATE	DWN	APVD

△9

SPEICIAL VERSION WITHOUT PEG FEATURE.





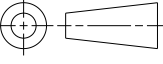
OTHER DIMENSIONS SEE SHEET 1, PCB LAYOUT SEE SHEET 1

15		I		15	2362614-5	△8
14		I		14	2362614-4	△8
13		I		13	2362614-3	△8
12		I		12	2362614-2	△8
11		I		11	2362614-1	△8
10		I		10	2350434-0	△8
9	TAB CONTACT w/ TIN PLATING	I	RAST 2.5 TAB HEADER HOUSING EXTERNAL LOCKING WITHOUT PEG TBD ON DETAIL LAYOUT	9	2350434-9	△8
8		I		8	2350434-8	△8
7		I		7	2350434-7	△8
6		I		6	2350434-6	△8
5		I		5	2350434-5	△8
4		I		4	2350434-4	△8
3		I	RAST 2.5 TAB HEADER HOUSING, EXTERNAL LOCKING, 3P WITHOUT PEG (SEE THE DETAIL LAYOUT ON SHEET 5)	3	2350434-3	
QTY	TAB CONTACT	QTY	HOUSING	POS.	TE PART NO.	△5

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DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±	-
1 PLC	±	-
2 PLC	±	0.20
3 PLC	±	-
4 PLC	±	-
ANGLES	±	°
FINISH		

MATERIAL

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DWN

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PRODUCT SPEC

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CUSTOMER DRAWING

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DRAWING NO

RESTRICTED TO

WINTER WANG

HAPYE WU

YUHONG MAO

RAST 2.5 TAB HEADER ASSY
TH, VERTICAL, EXTERNAL LOCKING

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SCALE

SHEET

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REV

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TE Connectivity

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LTR

DESCRIPTION

DATE

DWN

APVD

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

#-1971818-#

PREFIX

BASE NUMBER

POSTFIX

COLOR	PART NUMBER OF THE CONNECTOR 				COMMENTS
	WITH TIN PLATING CONTACT		WITH AG PLATING CONTACT		
NATURAL	#-1971817-#	#-1971818-#	#-1971837-#	#-1971838-#	THE DETAIL P/N FOR DIFFERENT KEYING SEE SHEET 2 & 3 & 4
RED	#-1971938-#	#-1971939-#	#-2232141-#	#-2232142-#	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	#-2232143-#	#-2232144-#	#-2232145-#	#-2232146-#	
YELLOW	#-2232147-#	#-2232148-#	#-2232149-#	#-2232150-#	
BALCK	#-1971994-#	#-1971995-#	#-2232151-#	#-2232152-#	
GREY	#-1971976-#	#-1971977-#	#-2232153-#	#-2232154-#	
GREEN	#-1971988-#	#-1971989-#	#-2232155-#	#-2232156-#	
PURPLE	#-2232157-#	#-2232158-#	#-2232159-#	#-2232160-#	
WHITE	#-2232277-#	#-2232278-#	#-2232279-#	#-2232280-#	

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 5-1971817-4, THEN WE CAN LOOK IN THE ABOVE TABLE TO FIND THE CONNECTOR P/N WITH RED COLOR IS 5-1971938-4

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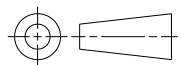
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THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±

±

±0.20

±

±

±1°

-

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

12NOV2012

12NOV2012

12NOV2012

108-106079

-

-

TE Connectivity

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

WINTER WANG

HAPYE WU

YUHONG MAO

108-106079

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RAST 2.5 TAB HEADER ASSY TH, VERTICAL, EXTERNAL LOCKING

A2

00779

©-1971817

SCALE

5:1

SHEET

6

OF

6

REV

A18

1471-9 (3/11)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1-1971817-3](#)