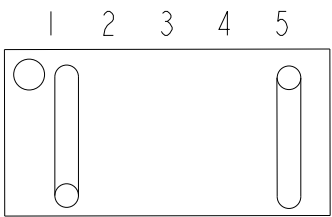


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00		A18	ECR-21-100790	04MAR2021	PJ	FL

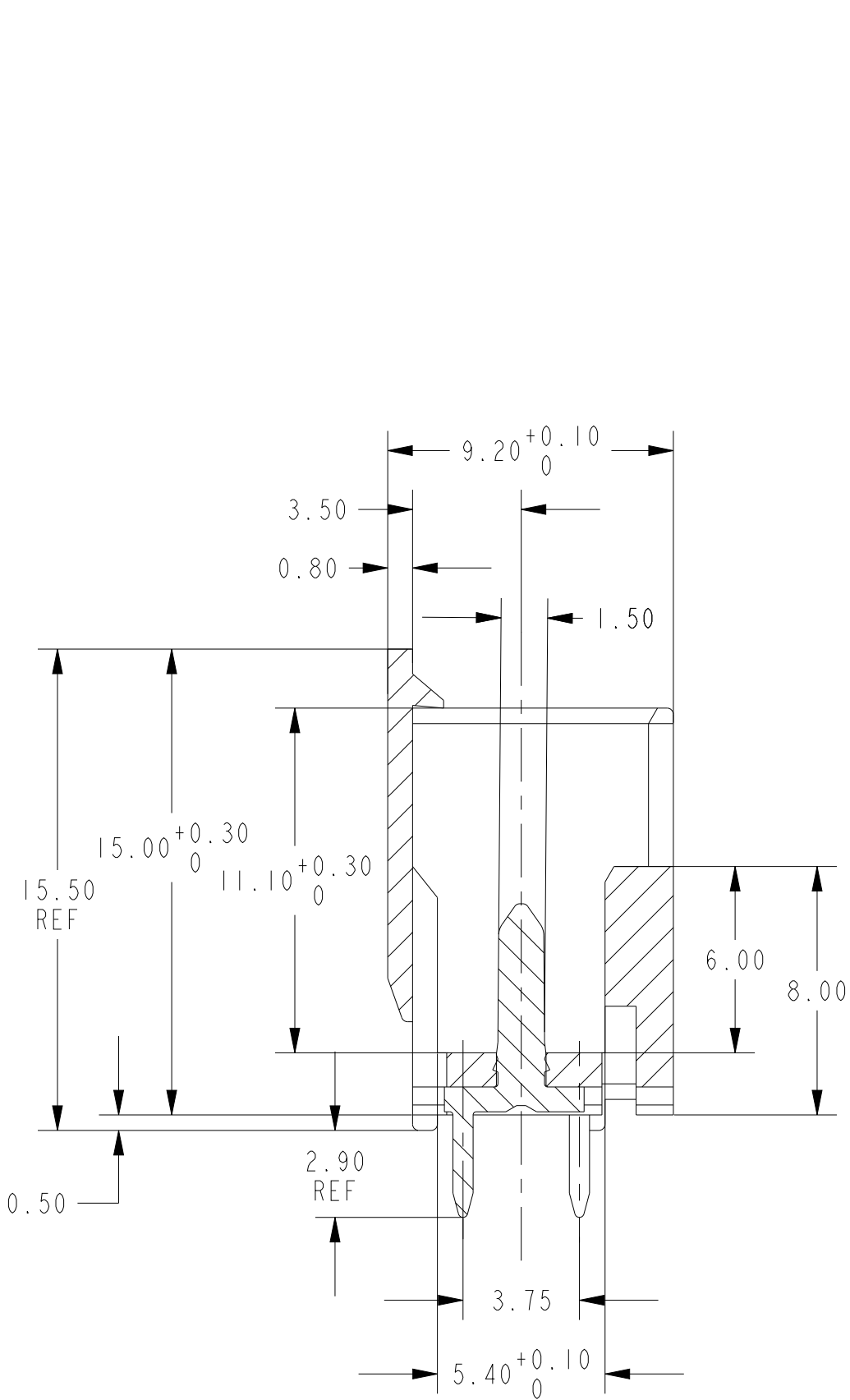
NOTE

- 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

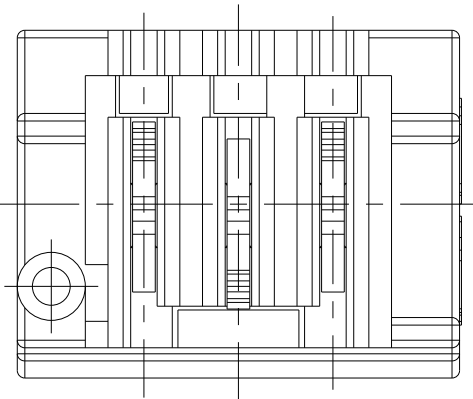
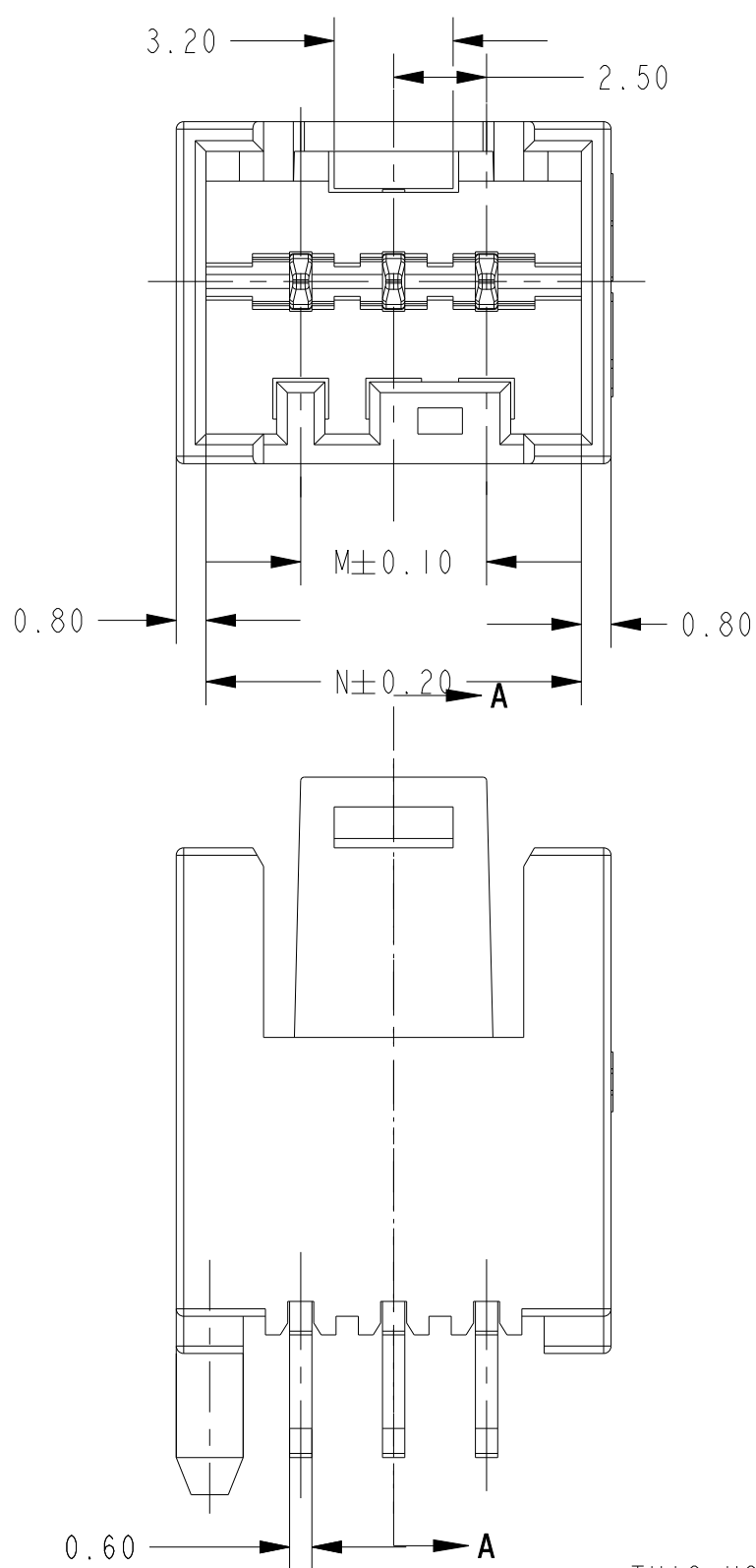
- 5 THE PART NUMBERS SHOWING IN SHEET 2 & 3 & 4 ARE FOR NATURAL COLOR . THE PART NUMBER FOR OTHER COLOR ARE BASED ON THE NATURAL ONE: FOR THE SAME CONFIGURATION, THE PREFIX AND POSTFIX OF THE P/N ARE THE SAME, ONLY THE BASE NUMBER IS DIFFERENT ACCORDING TO DIFFERENT COLOR, DETAIL PLEASE SEE SHEET 6
- 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 SPEICAL 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

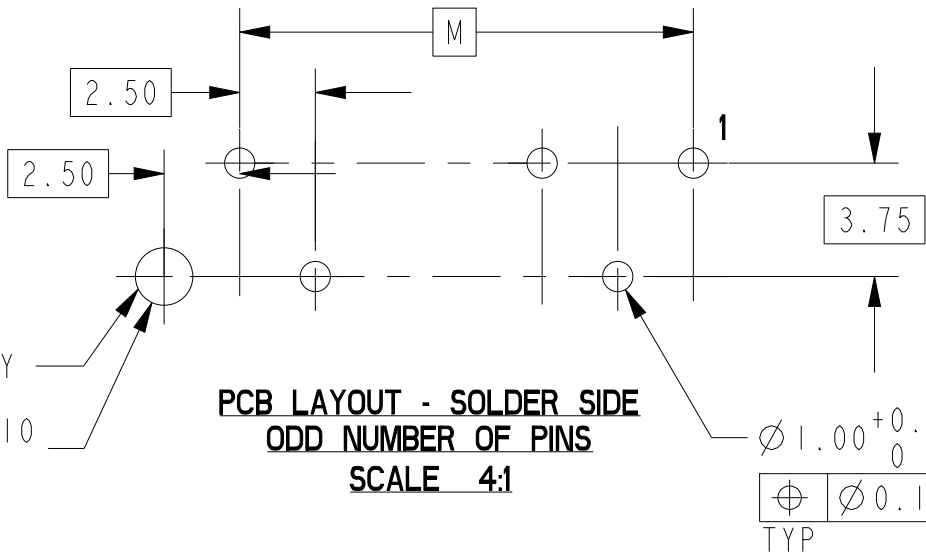


THIS HOLE IS NOT NECESSARY FOR PRODUCT OF NOTE 9.

Ø 1.90 +0.10/0

PCB LAYOUT - SOLDER SIDE
ODD NUMBER OF PINS
SCALE 4:1

Ø 1.00 +0.10/0
Ø 0.10
TYP

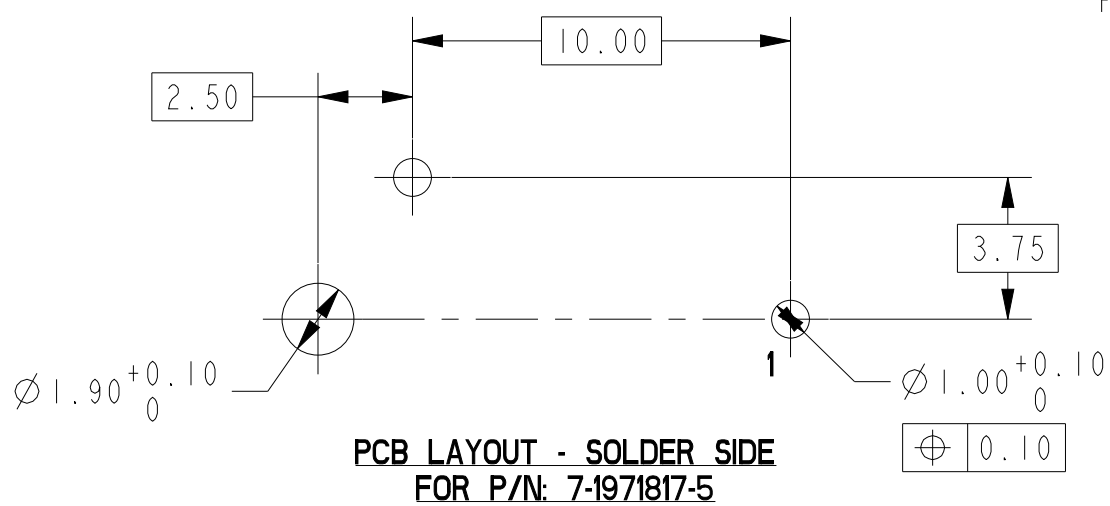
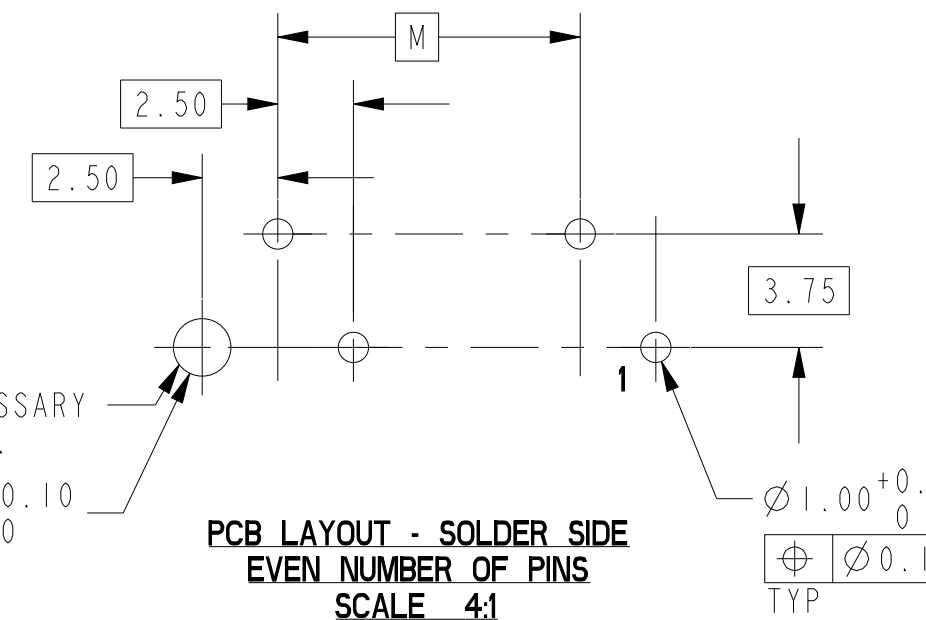


THIS HOLE IS NOT NECESSARY FOR PRODUCT OF NOTE 9.

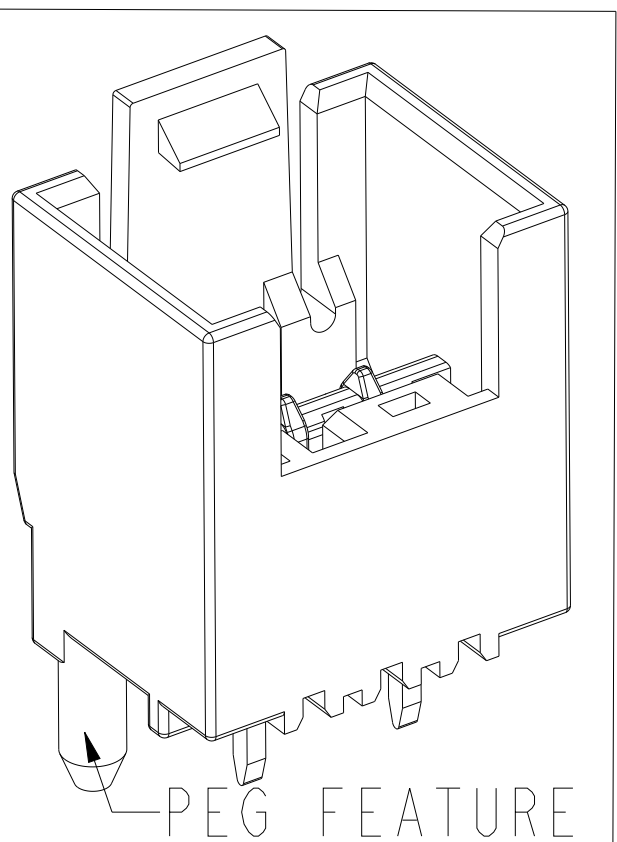
Ø 1.90 +0.10/0

PCB LAYOUT - SOLDER SIDE
EVEN NUMBER OF PINS
SCALE 4:1

Ø 1.00 +0.10/0
Ø 0.10
TYP



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



PEG FEATURE

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 12NOV2012 WINTER WANG	TE Connectivity			
DIMENSIONS: mm		CHK 12NOV2012 HAPYE WU				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 12NOV2012 YUHONG MAO	NAME RAST 2.5 TAB HEADER ASSY TH, VERTICAL, EXTERNAL LOCKING			
0 PLC ± 1 PLC ± 2 PLC ±0.20 3 PLC ± 4 PLC ±		PRODUCT SPEC 108-106079	SIZE A2			
MATERIAL -		APPLICATION SPEC -	CAGE CODE 00779			
FINISH -		WEIGHT -	DRAWING NO C-1971817			
		CUSTOMER DRAWING	RESTRICTED TO			
		SCALE 5:1	SHEET 1 OF 6			
			REV A18			

THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION		20		LOC		DIST		REVISIONS													
(C) COPYRIGHT 20		BY -		ALL RIGHTS RESERVED.		FS		00															
										P		LTR		DESCRIPTION				DATE		DWN		APVD	

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 12NOV2012 WINTER WANG CHK 12NOV2012 HAPYE WU APVD 12NOV2012 YUHHONG MAO		 TE Connectivity									
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±0.20 3 PLC ±. 4 PLC ±. ANGLES ±°		NAME RAST 2.5 TAB HEADER ASSY TH, VERTICAL, EXTERNAL LOCKING									
				PRODUCT SPEC -		SIZE A2		CAGE CODE 00779		DRAWING NO C-1971817		RESTRICTED TO -	
MATERIAL -		FINISH -		APPLICATION SPEC -		WEIGHT -		SCALE 5:1		SHEET 2 OF 6		REV A 8	
CUSTOMER DRAWING													

4		3		2		1	
THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION		20		REVISIONS	
© COPYRIGHT 20		BY -		ALL RIGHTS RESERVED.			

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

© COPYRIGHT 20

BY -

ALL RIGHTS RESERVED.

LOC

DIST

ES

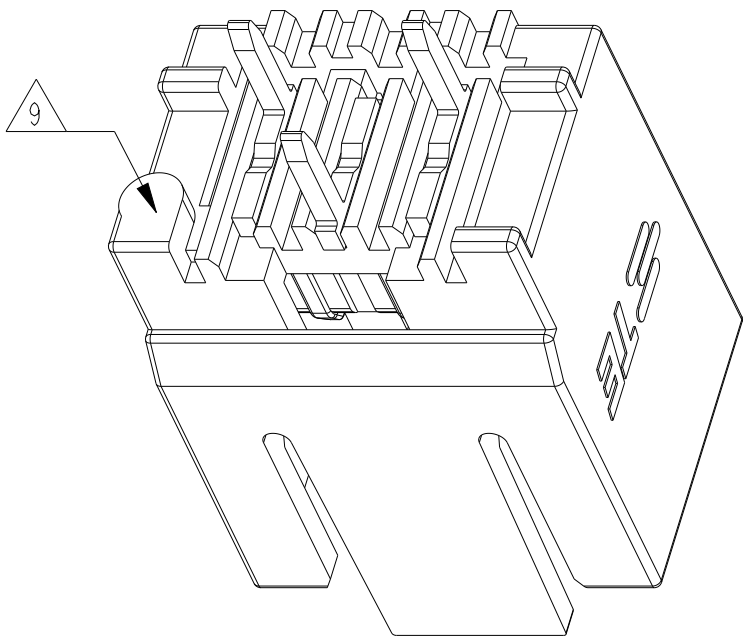
00

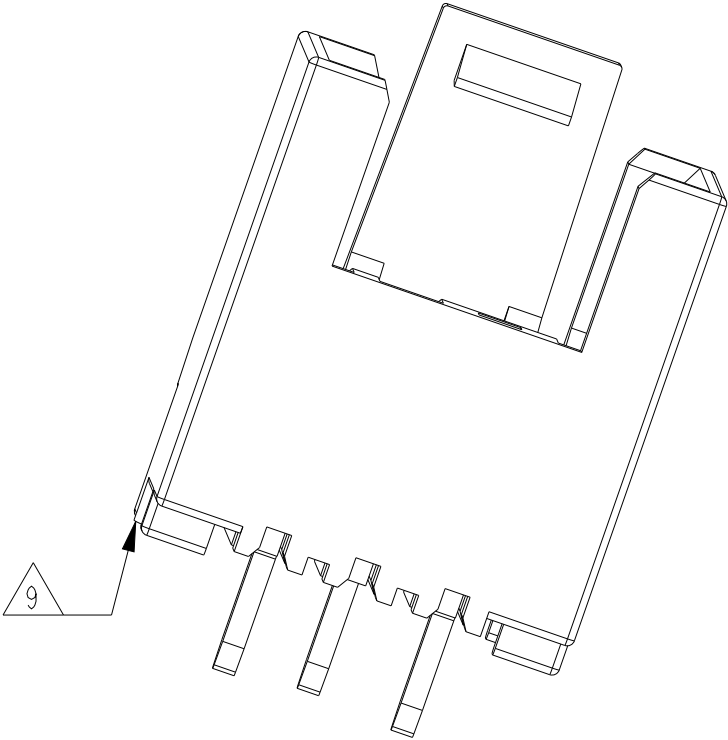
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD

△₉

SPEICIAL VERSION WITHOUT PEG FEATURE.





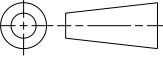
OTHER DIMENSIONS SEE SHEET 1, PCB LAYOUT SEE SHEET 1

15	TAB CONTACT w/ TIN PLATING	I	RAST 2.5 TAB HEADER HOUSING EXTERNAL LOCKING WITHOUT PEG TBD ON DETAIL LAYOUT	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		I		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

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 ±1°

FINISH

MATERIAL

-

DWN 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 5:1

SHEET 4 OF 6

REV A18

TE Connectivity

1471-9 (3/11)

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

© COPYRIGHT 20

BY -

ALL RIGHTS RESERVED.

LOC

DIST

REVISIONS

ES

00

P

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

4

3

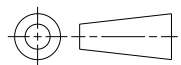
2

1

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

-

-

WINTER WANG

HAPYE WU

YUHONG MAO

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

TE Connectivity

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:](#)

[1-1971837-5](#)