

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A6	ECR-15-016520	25NOV2015	SL	RR
	A7	ECR-17-001536	03FEB2017	IZ	RR
	A8	ECR-18-008584	05JUN2018	BW	LZ
	A9	ECR-18-009485	19MAY2019	BW	WW

NOTE

- 1 SEE SHEET 2 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 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 4
- 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 PRELIMINARY PART NOT RELEASED FOR PRODUCTION

D

D

C

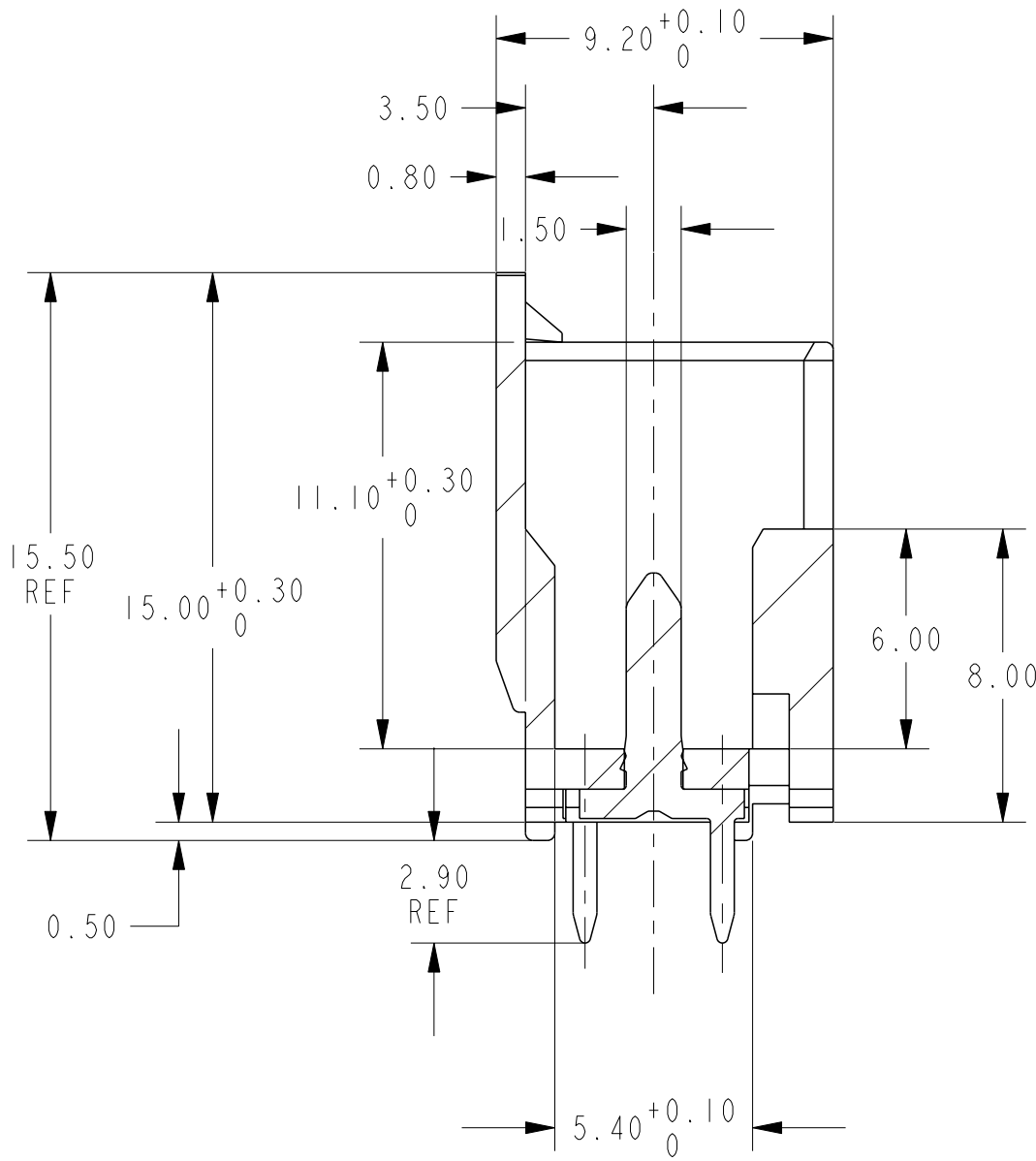
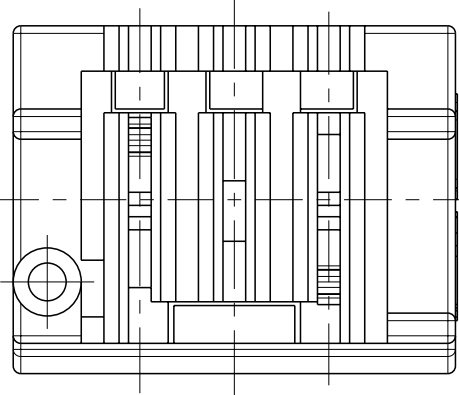
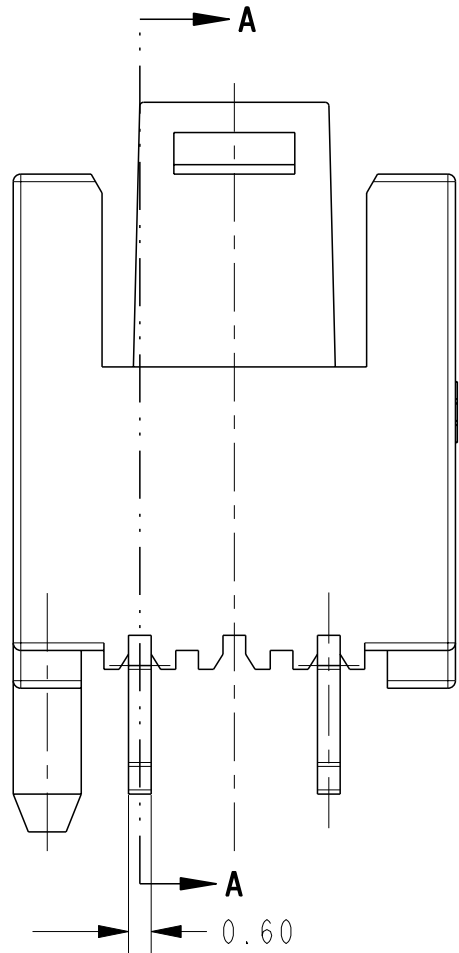
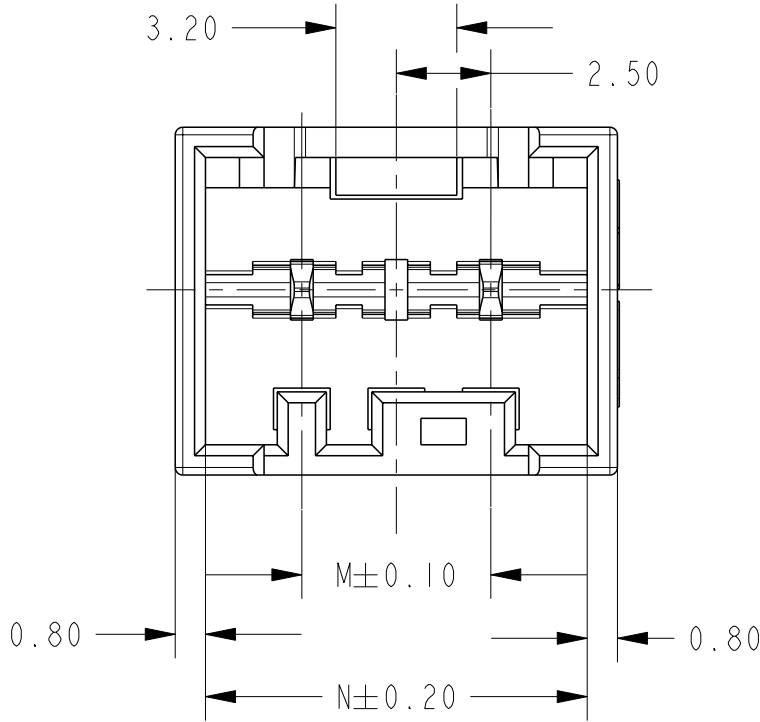
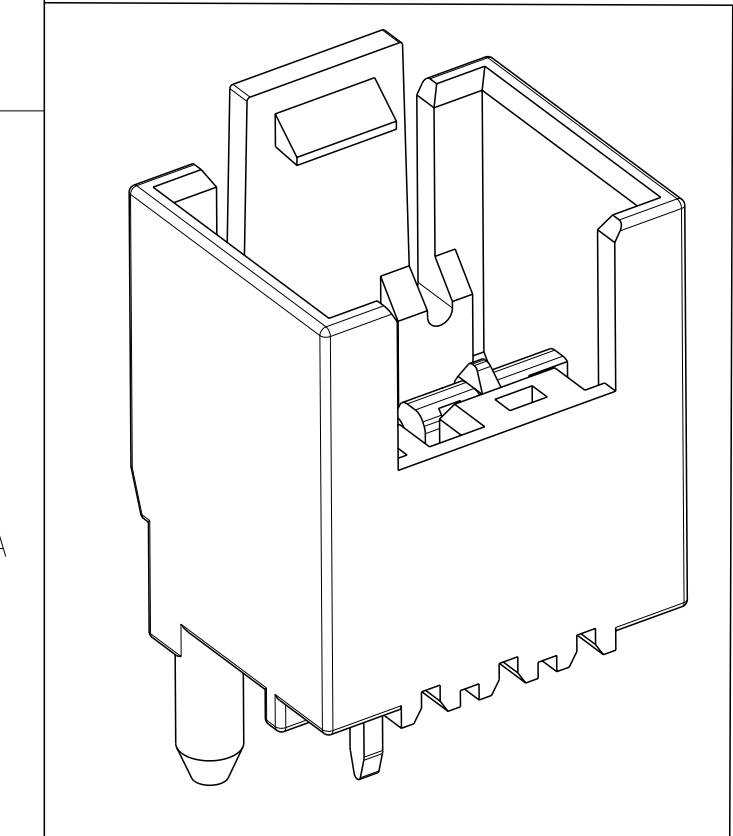
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B

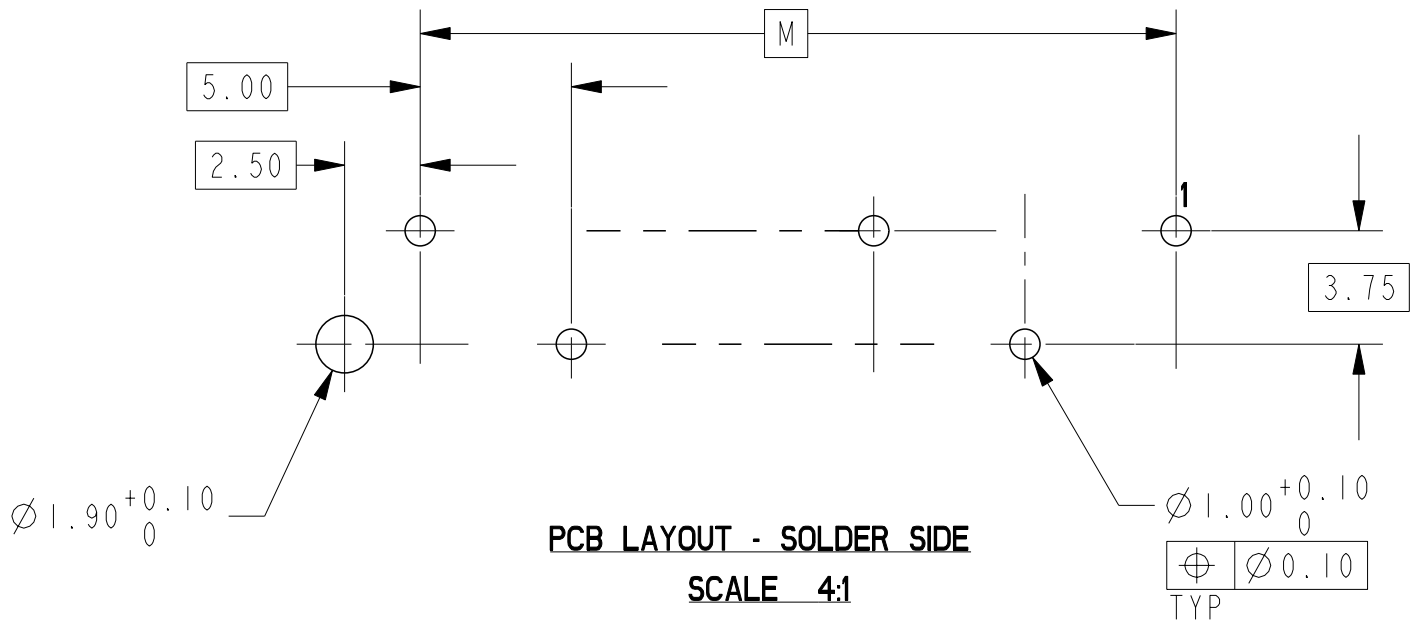
B

A

A



SECTION A-A



PCB LAYOUT - SOLDER SIDE
SCALE 4:1

N	M	NO. OF POS.
40.10	35.00	8 LOAD, 15 POS.
35.10	30.00	7 LOAD, 13 POS.
30.10	25.00	6 LOAD, 11 POS.
25.10	20.00	5 LOAD, 9 POS.
20.10	15.00	4 LOAD, 7 POS.
15.10	10.00	3 LOAD, 5 POS.
10.10	5.00	2 LOAD, 3 POS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN WINTER WANG	12NOV2012	TE Connectivity		
DIMENSIONS: mm		CHK HAPYE WU	12NOV2012			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD YUHHONG MAO	12NOV2012	NAME RAST 2.5 TAB HEADER ASSY, SELECTIVE LOADED, TH, VERTICAL, EXTERNAL LOCKING		
0 PLC ± 1 PLC ± 2 PLC ±0.20 3 PLC ± 4 PLC ± ANGLES ±1° FINISH		PRODUCT SPEC 108-106079 APPLICATION SPEC - WEIGHT -	-			
MATERIAL -		CUSTOMER DRAWING		SIZE A2	CAGE CODE 00779	DRAWING NO 1971921
				RESTRICTED TO -		
				SCALE NTS	SHEET 1	OF 5
				REV A9		

4

3

2

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LOC

DIST

REVISIONS

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00

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

8

7

6

5

4

3

2

QTY

TAB CONTACT

w/ SILVER PLATING

QTY

HOUSING

POS.

TE PART NO.

15

13

11

9

7

5

3

5

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 15P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 13P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 11P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 9P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 7P
(SEE THE DETAIL LAYOUT ON SHEET 3)

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

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

8

7

6

5

4

3

2

QTY

TAB CONTACT

w/ TIN PLATING

QTY

HOUSING

POS.

TE PART NO.

15

13

11

9

7

5

3

5

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 15P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 13P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 11P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 9P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 7P
(SEE THE DETAIL LAYOUT ON SHEET 3)

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

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

8

7

6

5

4

3

2

QTY

TAB CONTACT

w/ TIN PLATING

QTY

HOUSING

POS.

TE PART NO.

15

13

11

9

7

5

3

5

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 15P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 13P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 11P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 9P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 7P
(SEE THE DETAIL LAYOUT ON SHEET 3)

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

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

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DWN
BOB YANG

CHK
HAPYE WU

APVD
YUHHONG MAO

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±0.20
3 PLC ±
4 PLC ±
ANGLES ±1°
FINISH

29MAY2012

12NOV2012

12NOV2012

12NOV2012

NAME
RAST 2.5 TAB HEADER ASSY,
SELECTIVE LOADED, TH, VERTICAL,
EXTERNAL LOCKING

SIZE
A2

CAGE CODE
00779

DRAWING NO
1971921

RESTRICTED TO
-

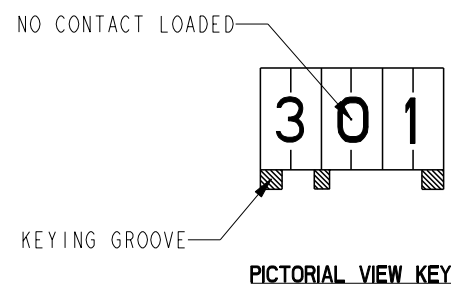
SCALE
NTS

SHEET
2

OF
5

REV
A9

1471-9 (3/11)



8

7

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

50001

1-2825332-5

5_POS

600001

1-2825332-6

6_POS

7650301

1-2825332-7

7_POS

00650321

1-2825332-8

8_POS

907604021

1-2825332-9

9_POS

0987650301

1-2825332-0

10_POS

604021

2-2825332-6

650301

3-2825332-6

87604301

2-2825332-8

980604301

2-2825332-9

△

PRELIMINARY PART - NOT RELEASED FOR PRODUCTION
PART NUMBERS X-2825332-X ARE EQUIVALENT TO #-1971921-# IN GEOMETRY AND MATERIAL,
WITH ADDITIONAL POSITIONS, CONTACT LOADING AND POLARIZATIONS, AS SHOWN.

NO CONTACT LOADED

KEYING GROOVE

PICTORIAL VIEW KEY

301

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DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±

2 PLC ±0.20

3 PLC ±

4 PLC ±

ANGLES ±°

FINISH

DWN BOB YANG 12NOV2012

CHK HAPYE WU 12NOV2012

APVD YUHONG MAO 12NOV2012

NAME

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

STE

TE Connectivity

RAST 2.5 TAB HEADER ASSY
SELECTIVE LOADED, TH, VERTICAL,
EXTERNAL LOCKING

SIZE A1 CAGE CODE 00779 DRAWING NO C=1971921

RESTRICTED TO

SCALE NTS SHEET 4 OF 5 REV A9

4805 13/111

4

3

2

1

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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

#-1971921-#

PREFIX

BASE NUMBER

POSTFIX

COLOR	PART NUMBER OF THE CONNECTOR 				COMMENTS
	WITH TIN PLATING CONTACT		WITH AG PLATING CONTACT		
NATURAL	#-1971921-#	#-1971922-#	#-1971923-#	#-1971924-#	THE DETAIL P/N FOR DIFFERENT KEYING SEE SHEET 2 & 3
RED	#-2232189-#	#-2232190-#	#-2232191-#	#-2232192-#	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	#-1971984-#	#-1971985-#	#-2232193-#	#-2232194-#	
YELLOW	#-2232195-#	#-2232196-#	#-2232197-#	#-2232198-#	
BALCK	#-2232199-#	#-2232200-#	#-2232201-#	#-2232202-#	
GREY	#-2232203-#	#-2232204-#	#-2232205-#	#-2232206-#	
GREEN	#-2232207-#	#-2232208-#	#-2232209-#	#-2232210-#	
PURPLE	#-2232211-#	#-2232212-#	#-2232213-#	#-2232214-#	
WHITE	#-2232285-#	#-2232286-#	#-2232287-#	#-2232288-#	

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 3-1971921-3, THEN WE CAN LOOK IN THE ABOVE TABLE TO FIND THE CONNECTOR P/N WITH RED COLOR IS 3-2232189-3

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DWN

12NOV2012

WINTER WANG

CHK

12NOV2012

HAPYE WU

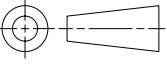
APVD

12NOV2012

YUHONG MAO

DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC

±

1 PLC

±

2 PLC

±0.2

3 PLC

±

4 PLC

±

ANGLES

±1°

FINISH

MATERIAL

-

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

Customer Drawing

TE Connectivity

NAME

RAST 2.5 TAB HEADER ASSY
SELECTIVE LOADED, TH, VERTICAL,
EXTERNAL LOCKING

SIZE

A2

CAGE CODE

00779

DRAWING NO

©-1971921

RESTRICTED TO

-

SCALE

5:1

SHEET

5

OF

5

REV

A9

1471-9 (3/11)