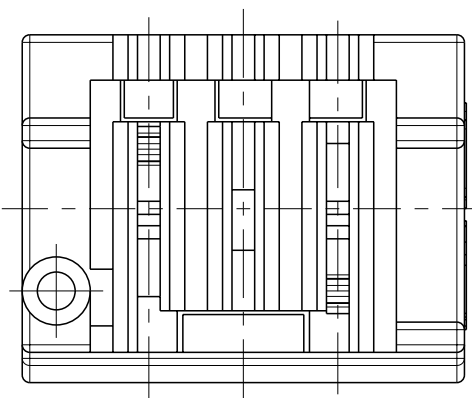
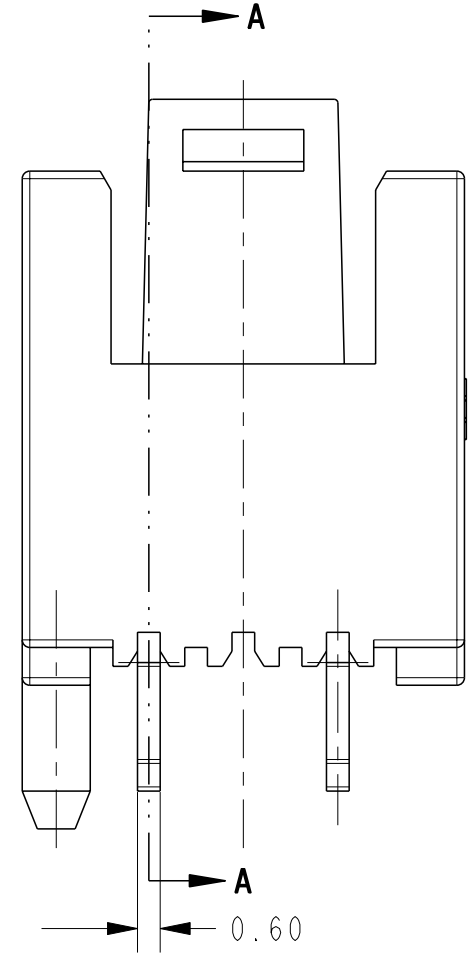
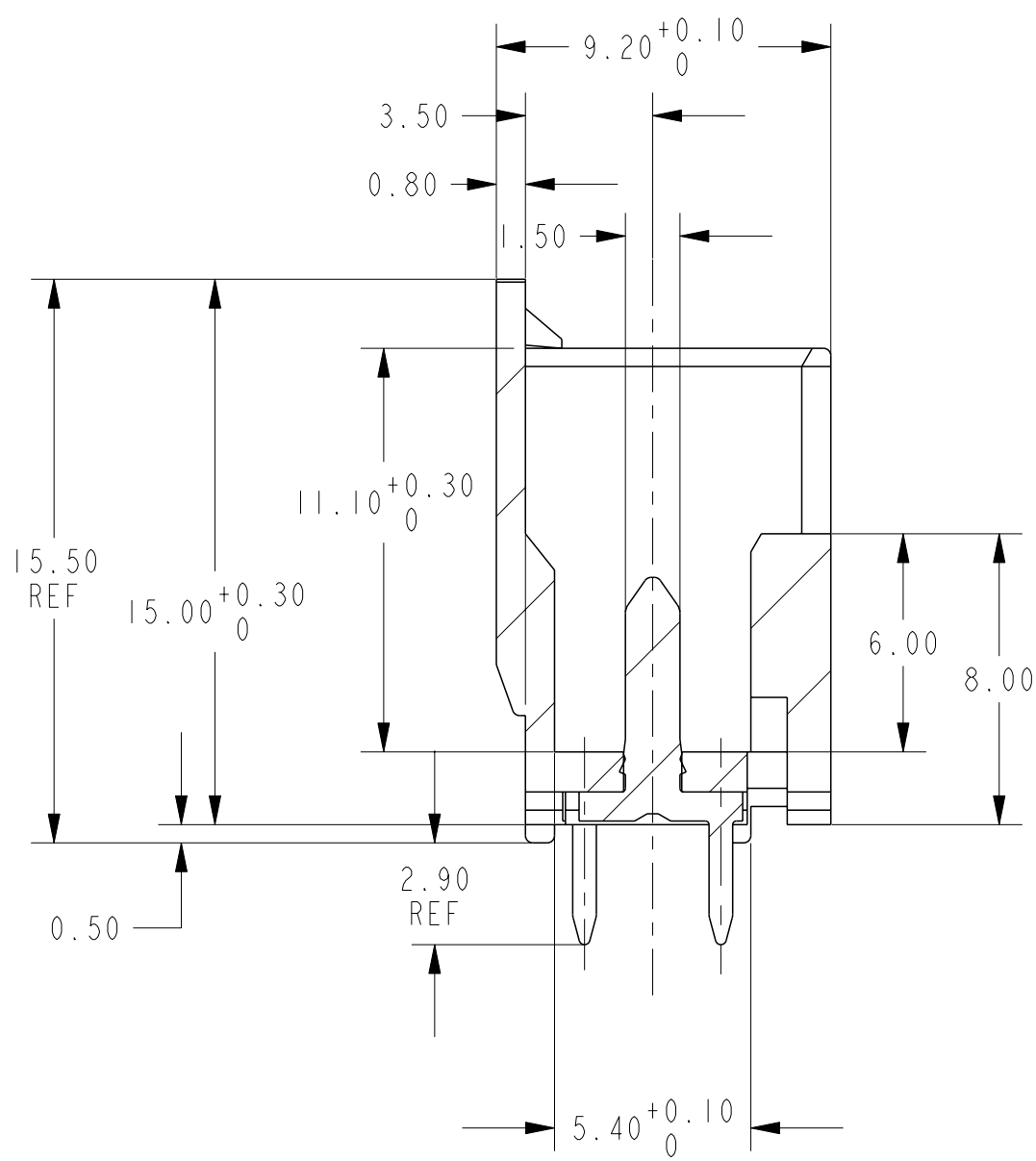
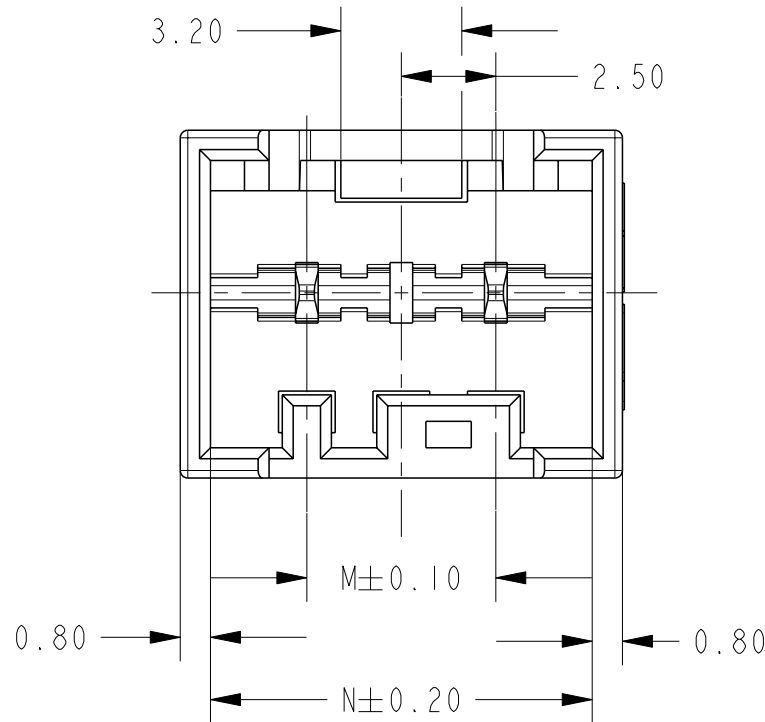


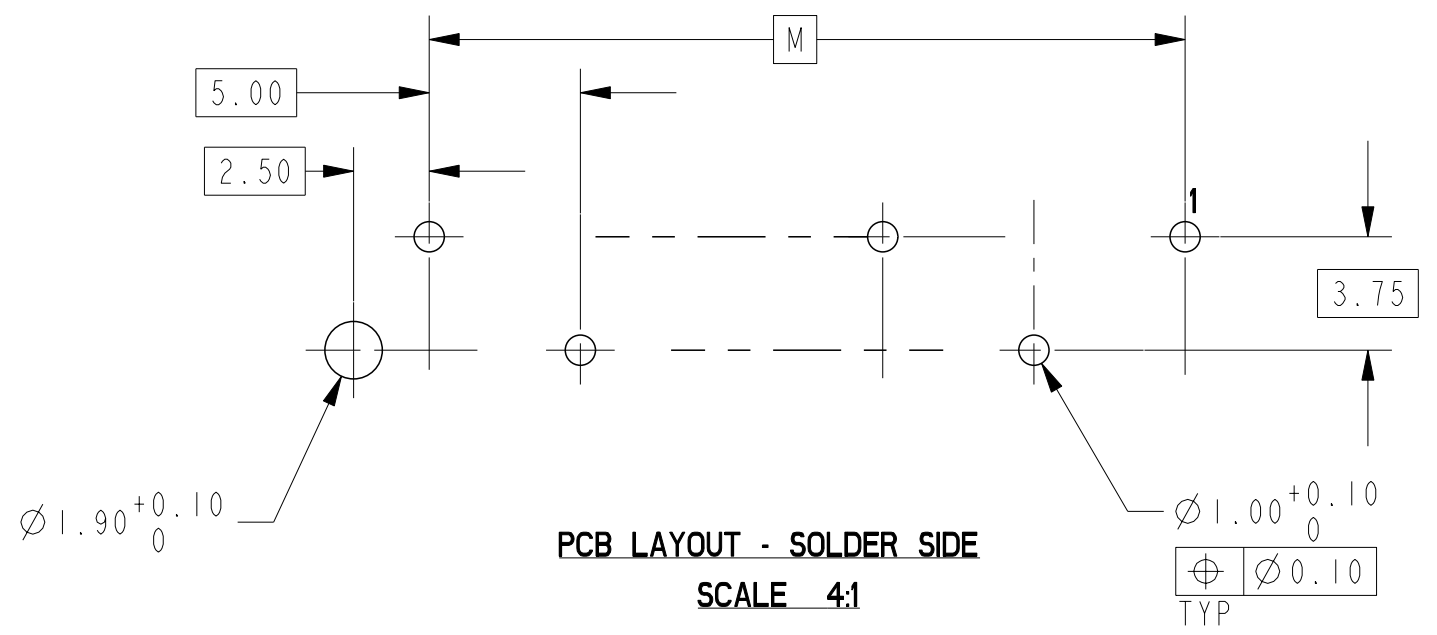
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| LOC | DIST | REVISIONS |     |               |           |     |      |
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|     |      | P         | LTR | DESCRIPTION   | DATE      | DWN | APVD |
| ES  | 00   | A6        |     | ECR-15-016520 | 25NOV2015 | SL  | RR   |
|     |      | A7        |     | ECR-17-001536 | 03FEB2017 | IZ  | RR   |
|     |      | A8        |     | ECR-18-008584 | 05JUN2018 | BW  | LZ   |
|     |      | A9        |     | ECR-18-009485 | 19MAY2019 | BW  | WW   |

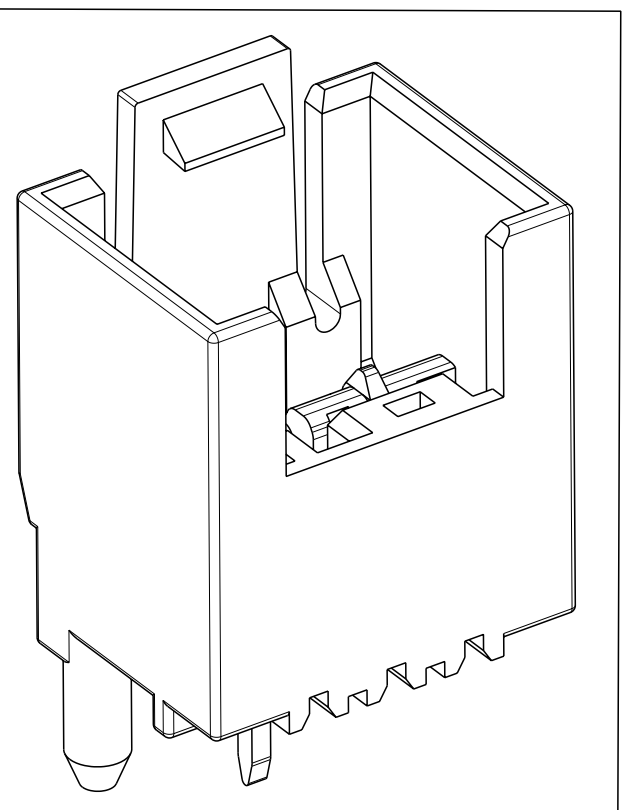


**NOTE**

- 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 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
- 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.
- PRELIMINARY PART NOT RELEASED FOR PRODUCTION



| 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.

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

TE Connectivity

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| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
| ES  | 00   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |      | -         |     | SEE SHEET 1 | -    | -   | -    |

| QTY | TAB CONTACT                      | QTY | HOUSING   | POS. | TE PART NO.  |
|-----|----------------------------------|-----|---|------|--|
| 8   | TAB CONTACT<br>w/ SILVER PLATING | 1   | RAST 2.5 TAB HEADER HOUSING,<br>EXTERNAL LOCKING, 15P<br>(SEE THE DETAIL LAYOUT ON SHEET 3) | 15   | 3-1971924-5<br>2-1971924-5<br>1-1971924-5  |
| 7   |                                  | 1   | RAST 2.5 TAB HEADER HOUSING,<br>EXTERNAL LOCKING, 13P<br>(SEE THE DETAIL LAYOUT ON SHEET 3) | 13   | 1-1971924-3  |
| 6   |                                  | 1   | RAST 2.5 TAB HEADER HOUSING,<br>EXTERNAL LOCKING, 11P<br>(SEE THE DETAIL LAYOUT ON SHEET 3) | 11   | 2-1971924-1<br>1-1971924-1   |
| 5   |                                  | 1   | RAST 2.5 TAB HEADER HOUSING,<br>EXTERNAL LOCKING, 9P<br>(SEE THE DETAIL LAYOUT ON SHEET 3)  | 9    | 6-1971923-9<br>5-1971923-9<br>4-1971923-9<br>3-1971923-9<br>2-1971923-9<br>1-1971923-9   |
| 4   |                                  | 1   | RAST 2.5 TAB HEADER HOUSING,<br>EXTERNAL LOCKING, 7P<br>(SEE THE DETAIL LAYOUT ON SHEET 3)  | 7    | 8-1971923-7<br>7-1971923-7<br>6-1971923-7<br>5-1971923-7<br>4-1971923-7<br>3-1971923-7<br>2-1971923-7<br>1-1971923-7                             |
| 3   |                                  | 1   | RAST 2.5 TAB HEADER HOUSING,<br>EXTERNAL LOCKING, 5P<br>(SEE THE DETAIL LAYOUT ON SHEET 3)  | 5    | 6-1971923-5<br>5-1971923-5<br>4-1971923-5<br>3-1971923-5<br>2-1971923-5<br>1-1971923-5   |
| 2   |                                  | 1   | RAST 2.5 TAB HEADER HOUSING,<br>EXTERNAL LOCKING, 3P<br>(SEE THE DETAIL LAYOUT ON SHEET 3)  | 3    | 1971923-3<br>9-1971923-3<br>8-1971923-3<br>7-1971923-3<br>6-1971923-3<br>5-1971923-3<br>4-1971923-3<br>3-1971923-3<br>2-1971923-3<br>1-1971923-3 |

| QTY | TAB CONTACT                   | QTY | HOUSING   | POS. | TE PART NO.  |
|-----|-------------------------------|-----|---|------|--|
| 8   | TAB CONTACT<br>w/ TIN PLATING | 1   | RAST 2.5 TAB HEADER HOUSING,<br>EXTERNAL LOCKING, 15P<br>(SEE THE DETAIL LAYOUT ON SHEET 3) | 15   | 3-1971922-5<br>2-1971922-5<br>1-1971922-5  |
| 7   |                               | 1   | RAST 2.5 TAB HEADER HOUSING,<br>EXTERNAL LOCKING, 13P<br>(SEE THE DETAIL LAYOUT ON SHEET 3) | 13   | 1-1971922-3  |
| 6   |                               | 1   | RAST 2.5 TAB HEADER HOUSING,<br>EXTERNAL LOCKING, 11P<br>(SEE THE DETAIL LAYOUT ON SHEET 3) | 11   | 2-1971922-1<br>1-1971922-1   |
| 5   |                               | 1   | RAST 2.5 TAB HEADER HOUSING,<br>EXTERNAL LOCKING, 9P<br>(SEE THE DETAIL LAYOUT ON SHEET 3)  | 9    | 6-1971921-9<br>5-1971921-9<br>4-1971921-9<br>3-1971921-9<br>2-1971921-9<br>1-1971921-9   |
| 4   |                               | 1   | RAST 2.5 TAB HEADER HOUSING,<br>EXTERNAL LOCKING, 7P<br>(SEE THE DETAIL LAYOUT ON SHEET 3)  | 7    | 8-1971921-7<br>7-1971921-7<br>6-1971921-7<br>5-1971921-7<br>4-1971921-7<br>3-1971921-7<br>2-1971921-7<br>1-1971921-7                             |
| 3   |                               | 1   | RAST 2.5 TAB HEADER HOUSING,<br>EXTERNAL LOCKING, 5P<br>(SEE THE DETAIL LAYOUT ON SHEET 3)  | 5    | 9-1971921-5<br>8-1971921-5<br>7-1971921-5<br>6-1971921-5<br>5-1971921-5<br>4-1971921-5<br>3-1971921-5<br>2-1971921-5<br>1-1971921-5              |
| 2   |                               | 1   | RAST 2.5 TAB HEADER HOUSING,<br>EXTERNAL LOCKING, 3P<br>(SEE THE DETAIL LAYOUT ON SHEET 3)  | 3    | 1971921-3<br>9-1971921-3<br>8-1971921-3<br>7-1971921-3<br>6-1971921-3<br>5-1971921-3<br>4-1971921-3<br>3-1971921-3<br>2-1971921-3<br>1-1971921-3 |

THIS DRAWING IS A CONTROLLED DOCUMENT. 29MAY2012  
 DWN BOB YANG 12NOV2012  
 CHK HAPYE WU 12NOV2012  
 APVD YUHHONG MAO 12NOV2012

**STE** TE Connectivity

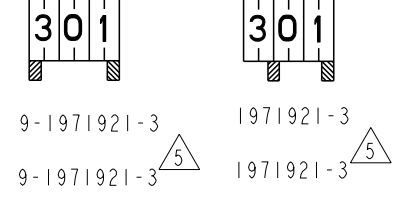
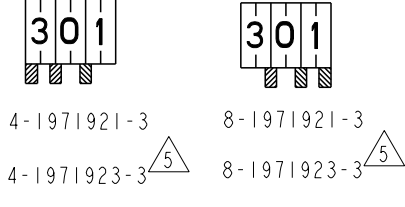
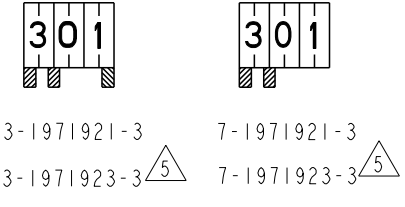
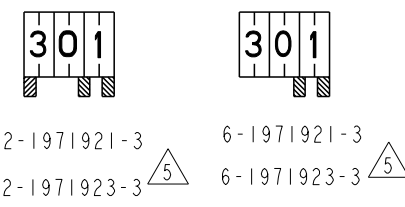
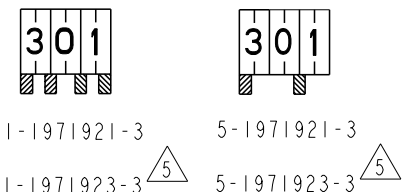
NAME RAST 2.5 TAB HEADER ASSY,  
SELECTIVE LOADED, TH, VERTICAL,  
EXTERNAL LOCKING

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

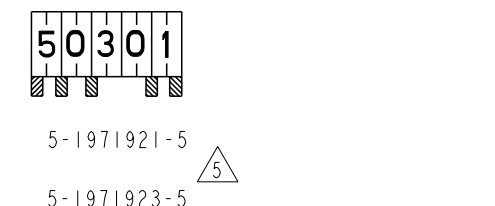
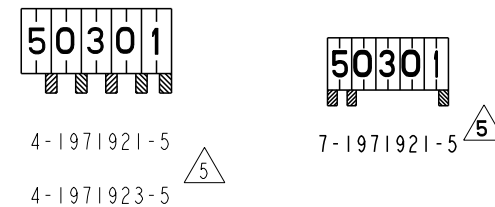
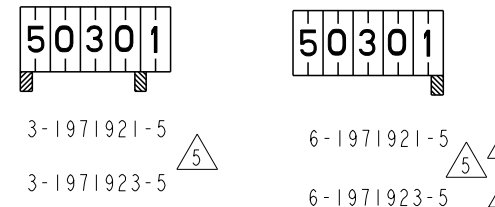
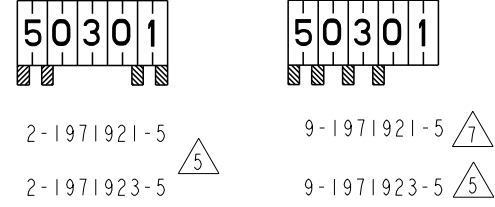
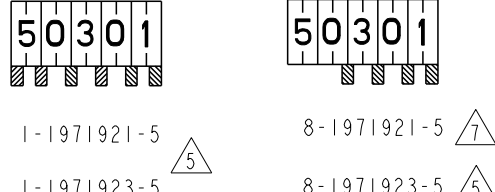
PRODUCT SPEC -  
 APPLICATION SPEC -  
 WEIGHT -

SIZE A2 CAGE CODE 00779 DRAWING NO G-1971921 RESTRICTED TO -  
 CUSTOMER DRAWING SCALE NTS SHEET 2 OF 5 REV A9

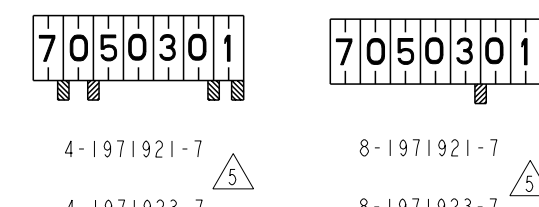
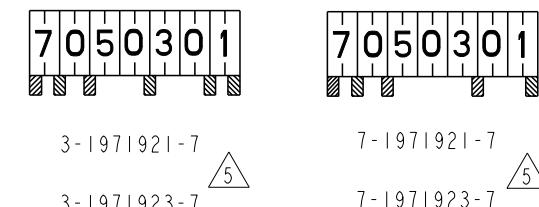
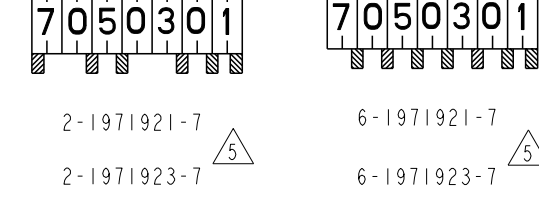
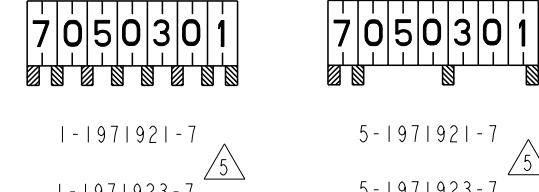
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| P   | LYR  | DESCRIPTION | DATE | OWN | APVD |
| -   | -    | SEE SHEET 1 | -    | -   | -    |
|     |      |             |      |     |      |
|     |      |             |      |     |      |



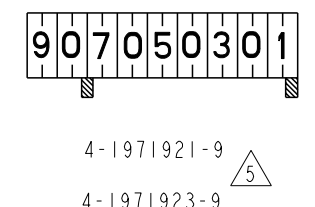
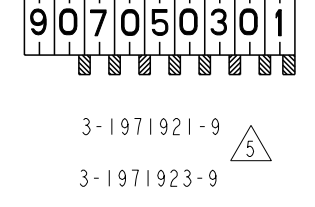
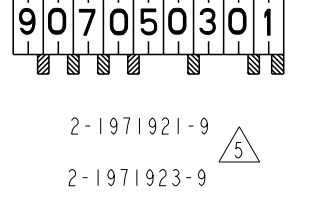
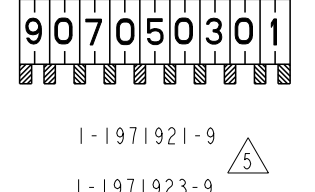
3 POS



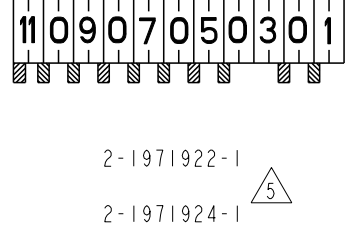
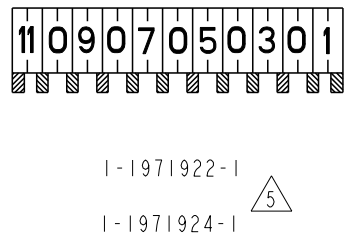
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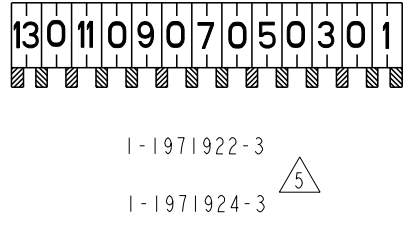
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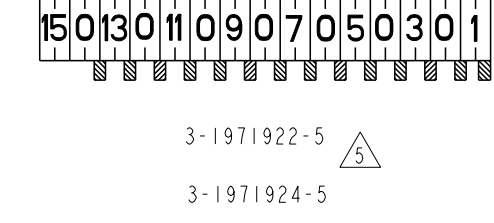
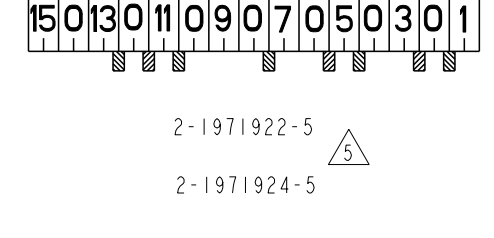
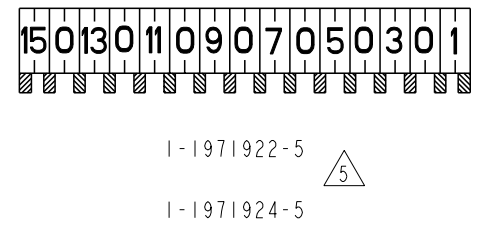
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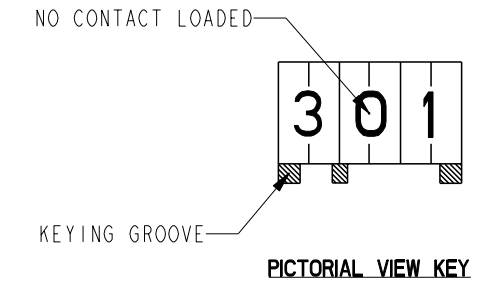
11 POS



13 POS

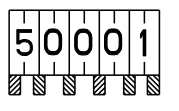


15 POS



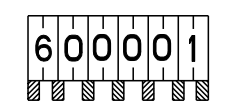
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|--|---------|--------------------|------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |         | OWN<br>BOB YANG    | 12NOV2012  | <b>STE</b> TE Connectivity  |
| DIMENSIONS:<br>mm                      |         | CHK<br>HAPYE WU    | 12NOV2012  |   |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |         | APVD<br>YUHONG MAO | 12NOV2012  | NAME<br>RAST 2.5 TAB HEADER ASSY<br>SELECTIVE LOADED, TH, VERTICAL,<br>EXTERNAL LOCKING |
| 0 PLC ±                                | 1 PLC ± | PRODUCT SPEC       |            | SIZE<br>A1  |
| 2 PLC ±0.20                            | 3 PLC ± | APPLICATION SPEC   |            | CAGE CODE<br>00779  |
| 4 PLC ±                                | 5 PLC ± | WEIGHT             |            | DRAWING NO<br>C=1971921   |
| ANGLES ±°                              | FINISH  | CUSTOMER DRAWING   |            | RESTRICTED TO<br>-  |
|  |         | SCALE<br>NTS       | SHEET<br>3 | OF<br>5   |
|  |         |                    |            | REV<br>A9   |

| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
|     |      | P         | LYR | DESCRIPTION | DATE | OWN | APVD |
| -   | -    | -         | -   | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |



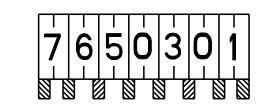
1-2825332-5

**5 POS**



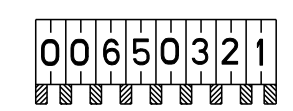
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**6 POS**



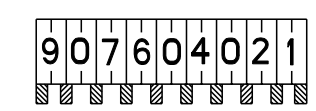
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**7 POS**



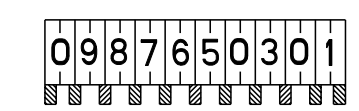
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**8 POS**



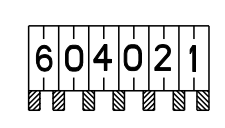
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**9 POS**



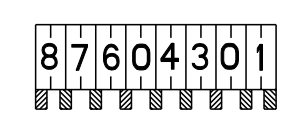
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**10 POS**



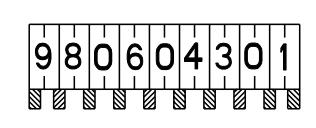
2-2825332-6

**6 POS**



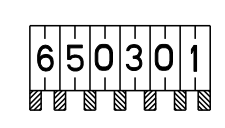
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**8 POS**



2-2825332-9

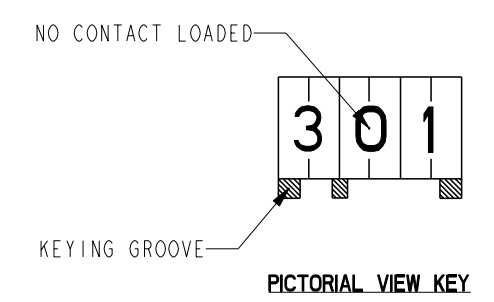
**9 POS**



3-2825332-6

**6 POS**

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.

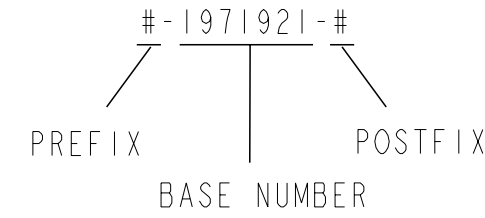


|  |       |                                 |  |  |
|--|-------|---------------------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |       | OWN<br>BOB YANG<br>12NOV2012    | TE Connectivity<br>RAST 2.5 TAB HEADER ASSY<br>SELECTIVE LOADED, TH, VERTICAL,<br>EXTERNAL LOCKING |  |
| DIMENSIONS:<br>mm                      |       | CHK<br>HAPYE WU<br>12NOV2012    |  |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |       | APVD<br>YUHONG MAO<br>12NOV2012 | NAME   |  |
| 0 PLC                                  | ±     | PRODUCT SPEC                    | SIZE   |  |
| 1 PLC                                  | ±     | APPLICATION SPEC                | CAGE CODE  |  |
| 2 PLC                                  | ±0.20 |                                 | DRAWING NO   |  |
| 3 PLC                                  | ±     |                                 | RESTRICTED TO  |  |
| 4 PLC                                  | ±     |                                 | SCALE  |  |
| ANGLES                                 | ±°    |                                 | SHEET  |  |
| FINISH                                 | -     |                                 | OF   |  |
| MATERIAL                               | -     |                                 | REV  |  |
|  |       | CUSTOMER DRAWING                | A9   |  |

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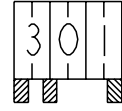
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|-----|-----|-------------|------|-----------|------|--|--|
| P   | LTR | DESCRIPTION | DATE | DWN       | APVD |  |  |
| -   | -   | SEE SHEET 1 | -    | -         | -    |  |  |

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



| 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



|   |  |                               |   |                  |                       |
|---|--|-------------------------------|---|------------------|-----------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.  |  | DWN: 12NOV2012<br>WINTER WANG | TE Connectivity   |                  |                       |
| DIMENSIONS: mm  |  | CHK: 12NOV2012<br>HAPYE WU    |   |                  |                       |
|   |  | APVD: 12NOV2012<br>YUHONG MAO | NAME: RAST 2.5 TAB HEADER ASSY<br>SELECTIVE LOADED, TH, VERTICAL,<br>EXTERNAL LOCKING |                  |                       |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:  |  | PRODUCT SPEC                  | SIZE: A2  | CAGE CODE: 00779 | DRAWING NO: C-1971921 |
| 0 PLC ±<br>1 PLC ±<br>2 PLC ±0.2<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±°<br>FINISH |  | APPLICATION SPEC              | RESTRICTED TO   |                  |                       |
| MATERIAL  |  | WEIGHT                        | Customer Drawing  |                  |                       |
|   |  | SCALE: 5:1                    | SHEET 5 OF 5  |                  | REV A9                |

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