

4

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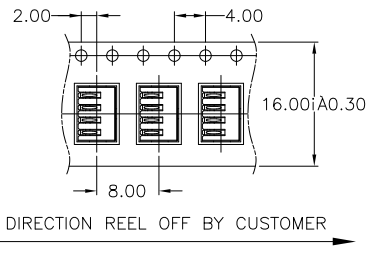
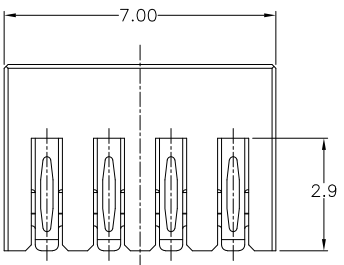
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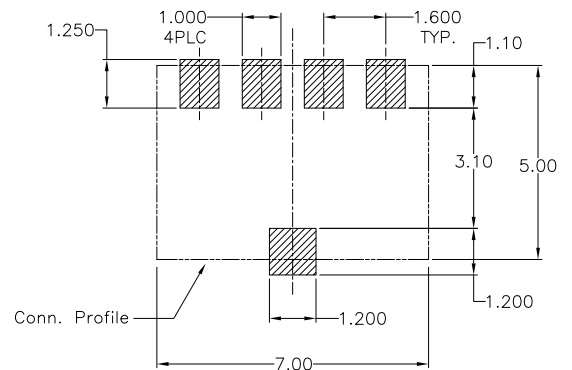
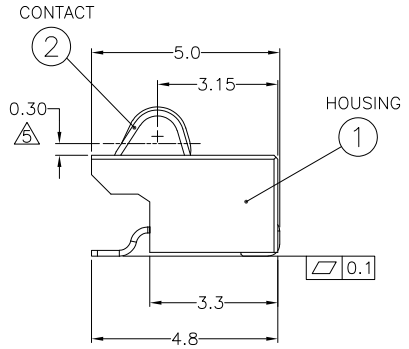
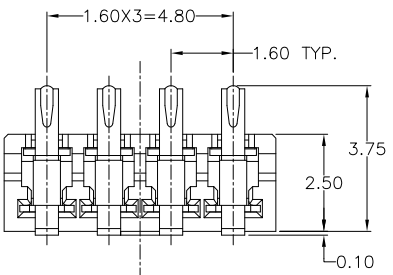
| LOC | DIST | REVISIONS   |                       |           |          |
|-----|------|-------------|-----------------------|-----------|----------|
| P   | LTR  | DESCRIPTION | DATE                  | DWN       | APVD     |
| ES  | 00   | B3          | REVISED ECR-10-000344 | 07JAN2010 | K.L. S.Y |

NOTES:

- MATERIAL: CONTACT: COPPER ALLOY.  
HOUSING: THERMOPLASTIC BLACK LCP OR EQUIVALENT, UL 94V-0.
  - FINISH: 15 MICROINCH (0.38 MICRON) GOLD PLATING ON CONTACT AREA, GOLD FLASH PLATING ON SOLDER AREA, OVER 50 MICROINCH (1.27 MICRON) NICKEL PLATING OVERALL.
  - PRODUCT TO BE PACKAGED IN ANTI-STATIC TAPE AND REEL.
  - NORMAL FORCE IS 80g MIN. WHEN A CONTACT BE PRESSED TO HOUSING'S SURFACE.
- ⚠ CONTACT SHOULD BE PRESSED TO THIS AREA WHEN APPLICATION.

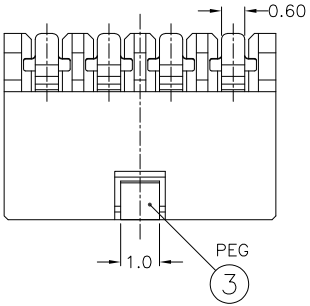


Tape material: PS black conductive  
 Reel diameter: 330mm  
 Components / reel: 1500pcs



P/N: 292331-1 AS SHOWN

RECOMMENDED PCB LAYOUT



|  |  |                                   |   |  |
|--|--|-----------------------------------|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>Ivanov Wang<br>10AUG2004   | Tyco Electronics Corporation<br>Shanghai, P.R.China, 200233 |  |
| DIMENSIONS:<br>mm                      |  | CHK<br>Steven Yao<br>10AUG2004    | NAME<br>BATTERY 4P SMT 1.6MM PITCH<br>ASSEMBLY CONNECTOR    |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | APVD<br>Ikuo Enomoto<br>10AUG2004 | PRODUCT SPEC<br>108-60035                                   |  |
| 0 PLC ± -                              |  | APPLICATION SPEC                  |   |  |
| 1 PLC ± 0.2                            |  | SIZE<br>A3                        |   |  |
| 2 PLC ± 0.10                           |  | CAGE CODE<br>00779                |   |  |
| 3 PLC ± 0.050                          |  | DRAWING NO<br>C=292331            |   |  |
| 4 PLC ± -                              |  | RESTRICTED TO                     |   |  |
| ANGLES ± -                             |  | WEIGHT                            |   |  |
| FINISH                                 |  | CUSTOMER DRAWING                  |   |  |
|  |  | SCALE 10:1 SHEET 1 OF 4 REV B3    |   |  |

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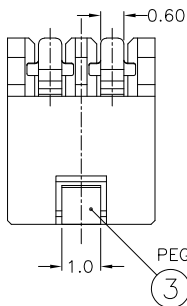
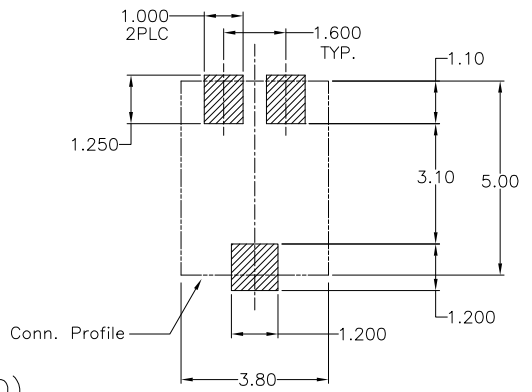
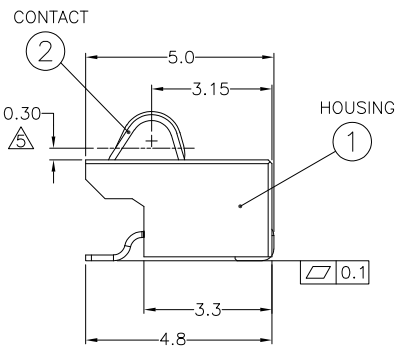
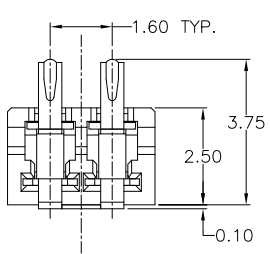
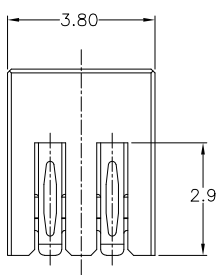
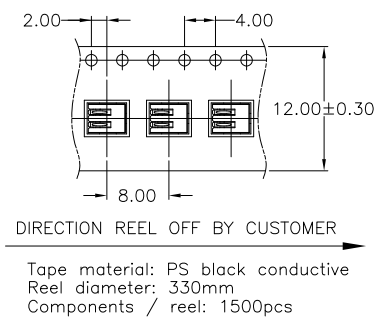
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1

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

- NOTES:
- MATERIAL: CONTACT: COPPER ALLOY.  
HOUSING: THERMOPLASTIC BLACK LCP OR EQUIVALENT, UL 94V-0.
  - FINISH: 15 MICRINCH (0.38 MICRON) GOLD PLATING ON CONTACT AREA, GOLD FLASH PLATING ON SOLDER AREA, OVER 50 MICRINCH (1.27 MICRON) NICKEL PLATING OVERALL.
  - PRODUCT TO BE PACKAGED IN ANTI-STATIC TAPE AND REEL.
  - NORMAL FORCE IS 80g MIN. WHEN A CONTACT BE PRESSED TO HOUSING'S SURFACE.
- ⚠ CONTACT SHOULD BE PRESSED TO THIS AREA WHEN APPLICATION..



P/N: 292331-2 AS SHOWN(NO TOOLED)

RECOMMENDED PCB LAYOUT

|  |               |                                   |   |            |
|--|---------------|-----------------------------------|---|------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |               | OWN<br>Ivanov Wang<br>10AUG2004   | Tyco Electronics Corporation<br>Shanghai, P.R.China, 200233 |            |
| DIMENSIONS:<br>mm                      |               | CHK<br>Steven Yao<br>10AUG2004    | NAME<br>BATTERY 2P SMT 1.6MM PITCH<br>ASSEMBLY CONNECTOR    |            |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |               | APVD<br>Ikuo Enomoto<br>10AUG2004 | SIZE<br>A3  |            |
| 0 PLC ± -                              | 1 PLC ± 0.2   | PRODUCT SPEC                      | CAGE CODE   | DRAWING NO |
| 2 PLC ± 0.10                           | 3 PLC ± 0.050 | APPLICATION SPEC                  | 00779   | ©=292331   |
| 4 PLC ± -                              | ANGLES ± -    | WEIGHT                            | RESTRICTED TO   |            |
| MATERIAL                               | FINISH        | CUSTOMER DRAWING                  | SCALE   | SHEET      |
|  |               |                                   | 10:1  | 2 OF 4     |
|  |               |                                   |   | REV B3     |

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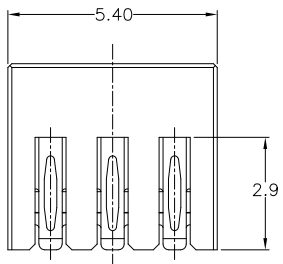
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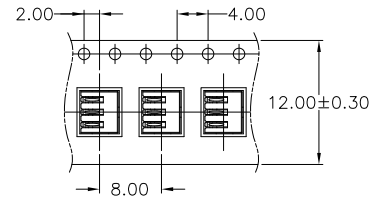
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| LOC | DIST | REVISIONS   |      |     |      |  |
|-----|------|-------------|------|-----|------|--|
| P   | LTR  | DESCRIPTION | DATE | DWN | APVD |  |
| ES  | 00   | SEE SHEET 1 | -    | -   | -    |  |

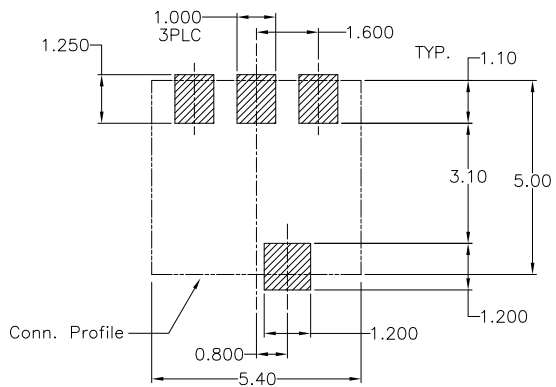
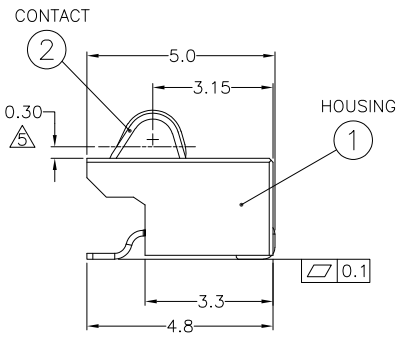
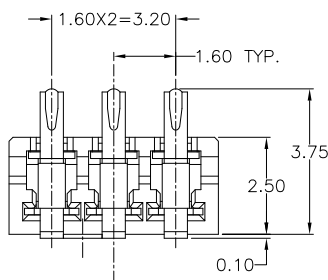


- NOTES:
- MATERIAL: CONTACT: COPPER ALLOY.  
HOUSING: THERMOPLASTIC BLACK LCP OR EQUIVALENT, UL 94V-0.
  - FINISH: 15 MICROINCH (0.38 MICRON) GOLD PLATING ON CONTACT AREA, GOLD FLASH PLATING ON SOLDER AREA, OVER 50 MICROINCH (1.27 MICRON) NICKEL PLATING OVERALL.
  - PRODUCT TO BE PACKAGED IN ANTI-STATIC TAPE AND REEL.
  - NORMAL FORCE IS 80g MIN. WHEN A CONTACT BE PRESSED TO HOUSING'S SURFACE.
- ⚠ CONTACT SHOULD BE PRESSED TO THIS AREA WHEN APPLICATION..



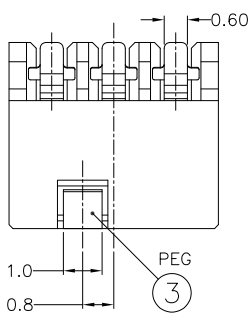
DIRECTION REEL OFF BY CUSTOMER

Tape material: PS black conductive  
 Reel diameter: 330mm  
 Components / reel: 1500pcs



P/N: 292331-3 AS SHOWN

RECOMMENDED PCB LAYOUT



|  |  |                                   |   |  |
|--|--|-----------------------------------|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>Ivanov Wang<br>10AUG2004   | Tyco Electronics Corporation<br>Shanghai, P.R.China, 200233 |  |
| DIMENSIONS:<br>mm                      |  | CHK<br>Steven Yao<br>10AUG2004    | NAME<br>BATTERY 3P SMT 1.6MM PITCH<br>ASSEMBLY CONNECTOR    |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | APVD<br>Ikuo Enomoto<br>10AUG2004 | SIZE<br>A3  |  |
| 0 PLC ± -                              |  | PRODUCT SPEC                      | CAGE CODE<br>00779  |  |
| 1 PLC ± 0.2                            |  | APPLICATION SPEC                  | DRAWING NO<br>C=292331                                      |  |
| 2 PLC ± 0.10                           |  | WEIGHT                            | RESTRICTED TO   |  |
| 3 PLC ± 0.050                          |  | CUSTOMER DRAWING                  | -   |  |
| 4 PLC ± -                              |  | SCALE<br>10:1                     | SHEET<br>3 OF 4   |  |
| MATERIAL                               |  | FINISH                            | REV<br>B3   |  |

4

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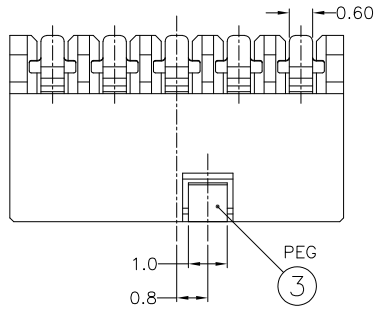
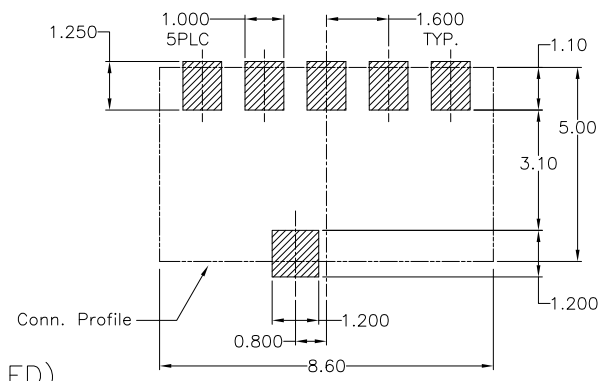
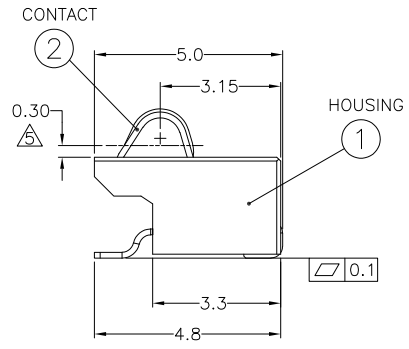
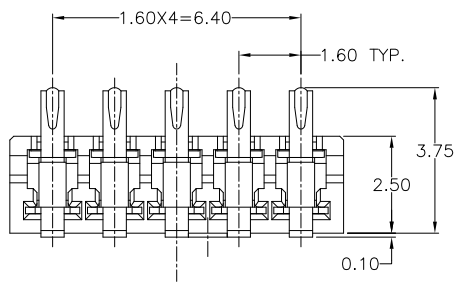
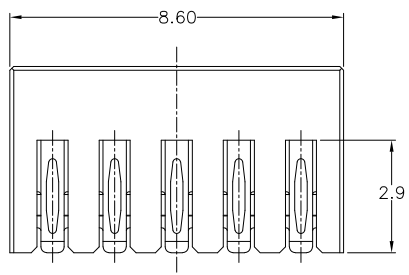
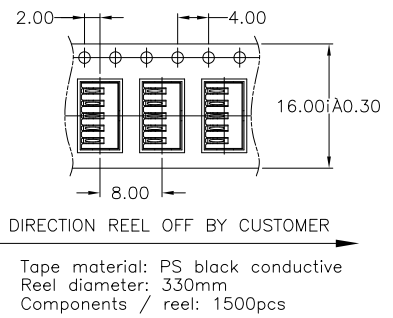
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| LOC | DIST | REVISIONS   |      |     |      |  |
|-----|------|-------------|------|-----|------|--|
| P   | LTR  | DESCRIPTION | DATE | DWN | APVD |  |
| ES  | 00   | SEE SHEET 1 | -    | -   | -    |  |

- NOTES:
- MATERIAL: CONTACT: COPPER ALLOY.  
HOUSING: THERMOPLASTIC BLACK LCP OR EQUIVALENT, UL 94V-0.
  - FINISH: 15 MICROINCH (0.38 MICRON) GOLD PLATING ON CONTACT AREA, GOLD FLASH PLATING ON SOLDER AREA, OVER 50 MICROINCH (1.27 MICRON) NICKEL PLATING OVERALL.
  - PRODUCT TO BE PACKAGED IN ANTI-STATIC TAPE AND REEL.
  - NORMAL FORCE IS 80g MIN. WHEN A CONTACT BE PRESSED TO HOUSING'S SURFACE.
- △ CONTACT SHOULD BE PRESSED TO THIS AREA WHEN APPLICATION..



P/N: 292331-5 AS SHOWN(NO TOOLED)

RECOMMENDED PCB LAYOUT

|  |  |                  |           |   |                              |  |
|--|--|------------------|-----------|---|------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN              | 10AUG2004 | Tyco Electronics                              | Tyco Electronics Corporation |  |
|  |  | CHK              | 10AUG2004 |   | Shanghai, P.R.China, 200233  |  |
| DIMENSIONS: mm                         |  | Steven Yao       |           | NAME  |                              |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | Ikuo Enomoto     |           | BATTERY 5P SMT 1.6MM PITCH ASSEMBLY CONNECTOR |                              |  |
| 0 PLC ± -                              |  | APVD             |           | SIZE  |                              |  |
| 1 PLC ± 0.2                            |  | 10AUG2004        |           | CAGE CODE                                     |                              |  |
| 2 PLC ± 0.10                           |  | PRODUCT SPEC     |           | DRAWING NO                                    |                              |  |
| 3 PLC ± 0.050                          |  | APPLICATION SPEC |           | RESTRICTED TO                                 |                              |  |
| 4 PLC ± -                              |  | WEIGHT           |           | A3  |                              |  |
| ANGLES ± -                             |  | CUSTOMER DRAWING |           | 00779   |                              |  |
| FINISH                                 |  | SCALE            |           | ©=292331                                      |                              |  |
|  |  | 10:1             |           | SHEET 4 OF 4                                  |                              |  |
|  |  |                  |           | REV B3  |                              |  |