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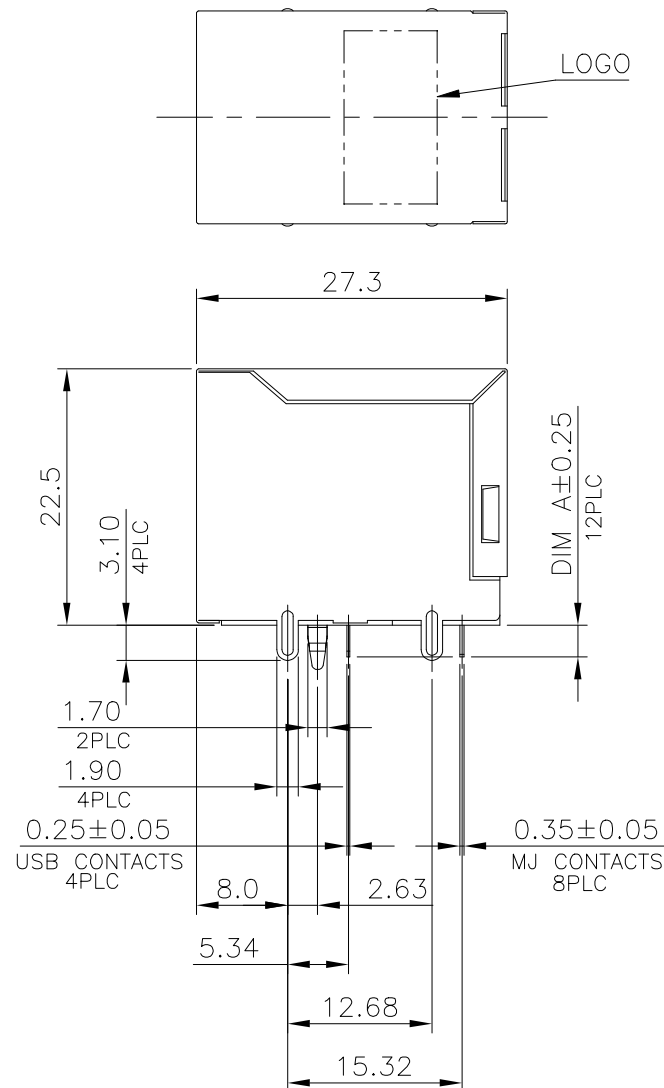
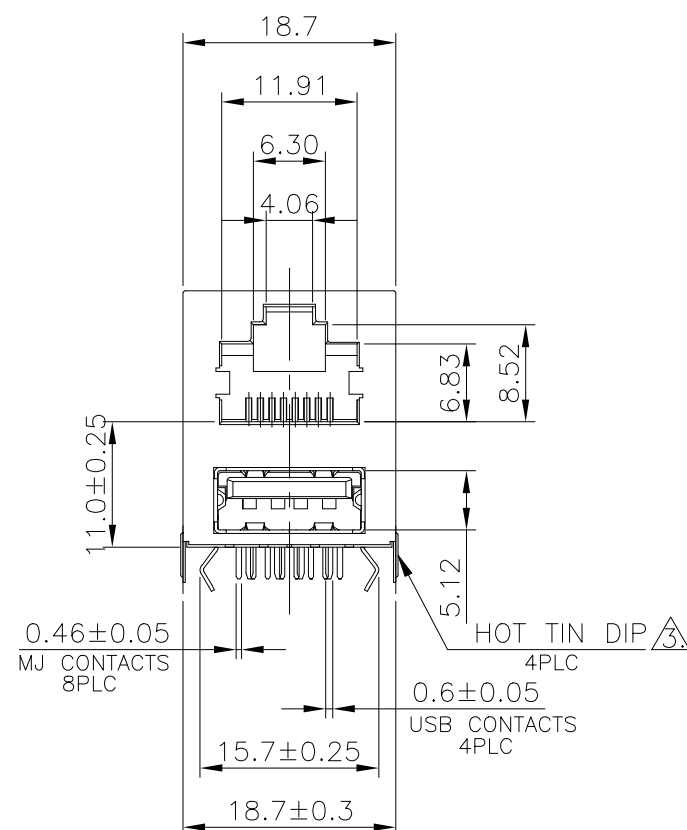
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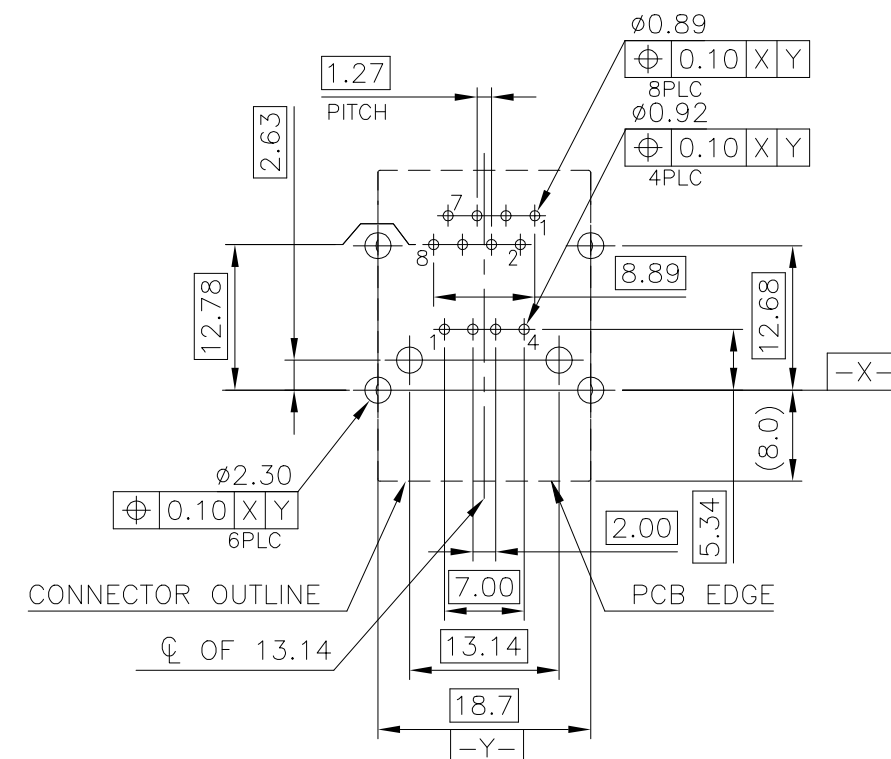
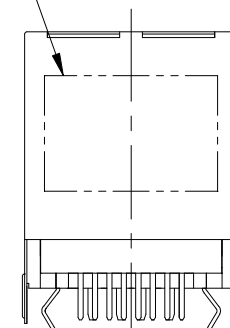
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## REVISIONS

| P | LTR | DESCRIPTION              | DATE      | DWN | APVD |
|---|-----|--------------------------|-----------|-----|------|
|   | E   | REVISE PER ECO-18-001534 | 30JAN2018 | LL  | SH   |



DATE CODE



## NOTE:

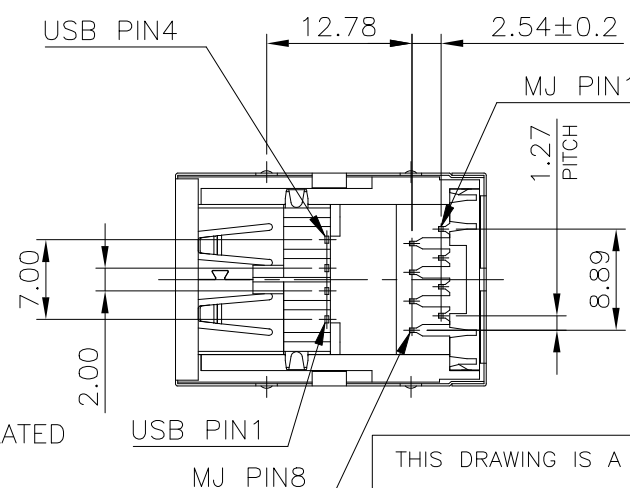
## 1. MATERIAL:

- 1.1 MJ HOUSING: PBT, WITH 30% GF, UL94 V-0, COLOR: SEE TABLE.
- 1.2 MJ CONTACTS: PHOSPHOR BRONZE.
- 1.3 MJ SHIELD: BRASS.
- 1.4 USB HOUSING: PBT, UL94 V-0, COLOR: SEE TABLE.
- 1.5 USB CONTACTS: BRASS.
- 1.6 USB SHIELD: SPCC.

## 2. FINISH:

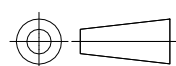
- 2.1 MJ CONTACTS: SELECTIVE GOLD PLATED (SEE TABLE) ON CONTACT AREA, GOLD FLASH ON SOLDER TAILS, 1.27µm [50u"] MIN. NICKEL UNDERPLATED OVERALL.
- 2.2 MJ SHIELD: 0.508µm [20u"] MIN. NICKEL PLATED.
- 2.3 USB CONTACT: SELECTIVE GOLD PLATED (SEE TABLE) ON CONTACT AREA, 2.54µm [100u"] MIN. BRIGHT-TIN PLATED ON SOLDER TAILS, 1.27µm [50u"] MIN. NICKEL UNDERPLATED OVERALL.
- 2.4 USB SHIELD: 2.032µm [80u"] MIN. NICKEL PLATED.

- HOT TIN DIP ON SHELL'S LEGS.
- WAVE SOLDER CAPABLE TO 265°C PER TE CONNECTIVITY SPEC. 109-202, CONDITION B.
- RJ45 CAVITY CONFIRMS TO FCC RULES AND REGULATIONS PART 68, SUBPART F.



|                                                                                                   |       |                             |                |               |                     |                        |
|---------------------------------------------------------------------------------------------------|-------|-----------------------------|----------------|---------------|---------------------|------------------------|
| OBSOLETE                                                                                          | 12.61 | WITHOUT HTD                 | 2.8            | BLACK         | 0.762um [30u"]      | <del>3-1775855-1</del> |
|                                                                                                   |       |                             |                | COOL GRAY 1C  | GOLD FLASH          | <del>2-1775855-2</del> |
|                                                                                                   |       |                             |                | BLACK         | GOLD FLASH          | <del>2-1775855-1</del> |
|                                                                                                   |       | BLACK                       | 0.762um [30u"] | 1-1775855-1   |                     |                        |
| WITH HTD<br> |       | 2.6                         | BLACK          | GOLD FLASH    | 1775855-3           |                        |
|                                                                                                   |       | 2.8                         | GOOL GRAY 1C   | GOLD FLASH    | 1775855-2           |                        |
|                                                                                                   |       |                             | BLACK          | GOLD FLASH    | 1775855-1           |                        |
| WEIGHT (gram)                                                                                     |       | HOT TIN DIP ON SHELL'S LEGS | DIM A          | HOUSING COLOR | MIN. GOLD THICKNESS | PART NUMBER            |

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DIMENSIONS:  
mmMATERIAL  
SEE TABELTOLERANCES UNLESS  
OTHERWISE SPECIFIED:

|        |        |
|--------|--------|
| 0 PLC  | ± -    |
| 1 PLC  | ± 0.3  |
| 2 PLC  | ± 0.2  |
| 3 PLC  | ± 0.15 |
| 4 PLC  | ± -    |
| ANGLES | ± 3°   |
| FINISH | -      |

DWN B. HSING 12JUN2009

CHK S. CHIEN 12JUN2009

APVD W. KODAMA 12JUN2009

PRODUCT SPEC

108-57802

APPLICATION SPEC

—

WEIGHT —

CUSTOMER DRAWING



TE Connectivity Ltd.

NAME  
MODULAR JACK, RJ45, STACKED OVER,  
USB CONN., DIP TYPE

|      |           |            |               |
|------|-----------|------------|---------------|
| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
| A3   | 00779     | C=1775855  | —             |

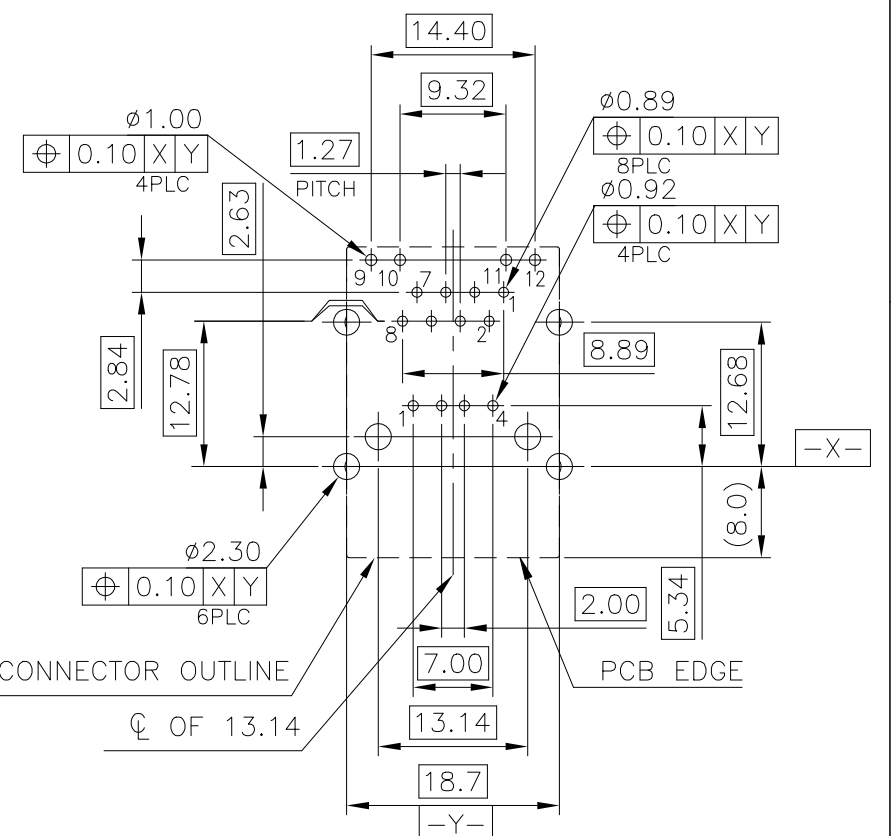
|       |        |     |
|-------|--------|-----|
| SCALE | SHEET  | REV |
| 1:1   | 1 of 5 | E   |

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— , —

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



RECOMMENDED PCB LAYOUT  
RECOMMENDED PCB THICKNESS: 1.6mm  
TOLERANCE:  $\pm 0.05$  (TOP VIEW)

Top view drawing of the USB connector assembly. Dimensions and labels include:

- USB PIN4
- 12.78
- 2.54±0.2
- MJ PIN1
- 1.27 PITCH
- 7.00
- 2.00
- 8.89
- 9.32
- 14.40
- USB PIN1
- MJ PIN8

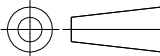
THIS DRAWING IS A CONTROL

|                               |             |        |                     |
|-------------------------------|-------------|--------|---------------------|
| FOR 4-1775855-1               |             |        |                     |
| LED ELECTRICAL CHARACTERISTIC |             |        |                     |
|                               | NODE        | COLOR  |                     |
| LED LEFT                      | 9(+) 10(-)  | ORANGE | 9 $\rightarrow$ 10  |
|                               | 9(-) 10(+)  | GREEN  | 9 $\leftarrow$ 10   |
| LED RIGHT                     | 11(+) 12(-) | ORANGE | 11 $\rightarrow$ 12 |
|                               | 11(-) 12(+) | GREEN  | 11 $\leftarrow$ 12  |

|                               |             |        |                                                                                             |
|-------------------------------|-------------|--------|---------------------------------------------------------------------------------------------|
| FOR 4-1775855-2               |             |        |                                                                                             |
| LED ELECTRICAL CHARACTERISTIC |             |        |                                                                                             |
|                               | NODE        | COLOR  |                                                                                             |
| LED LEFT                      | 9(+) 10(-)  | GREEN  | 9  10  |
|                               | 9(-) 10(+)  | ORANGE | 9  10  |
| LED RIGHT                     | 11(+) 12(-) | GREEN  | 11  12 |

|                  |              |              |             |
|------------------|--------------|--------------|-------------|
| 13.11            | GREEN/ORANGE | GREEN        | 4-1775855-2 |
|                  | ORANGE/GREEN | ORANGE/GREEN | 4-1775855-1 |
| WEIGHT<br>(gram) | LEFT         | RIGHT        | PART NUMBER |
|                  | LED COLORS   |              |             |

|                  |           |
|------------------|-----------|
| DWN              | 12JUN2009 |
| B. HSING         |           |
| CHK              | 12JUN2009 |
| S. CHIEN         |           |
| APVD             | 12JUN2009 |
| W. KODAMA        |           |
| PRODUCT SPEC     |           |
| 108-57802        |           |
| APPLICATION SPEC |           |
| —                |           |
| WEIGHT           | —         |
| CUSTOMER DRAWING |           |

|                                                                                       |                                           |                 |
|---------------------------------------------------------------------------------------|-------------------------------------------|-----------------|
| DIMENSIONS:                                                                           | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |                 |
| mm                                                                                    | 0 PLC                                     | $\pm -$         |
|  | 1 PLC                                     | $\pm 0.3$       |
|                                                                                       | 2 PLC                                     | $\pm 0.2$       |
|                                                                                       | 3 PLC                                     | $\pm 0.15$      |
|                                                                                       | 4 PLC                                     | $\pm -$         |
|                                                                                       | ANGLES                                    | $\pm 3^{\circ}$ |
| MATERIAL                                                                              | FINISH                                    |                 |
| SEE TABLE                                                                             | -                                         |                 |

**TE** TE Connectivity Ltd.

|   |      |                                                          |
|---|------|----------------------------------------------------------|
| 9 | NAME | MODULAR JACK, RJ45, STACKED OVER,<br>USB CONN., DIP TYPE |
|---|------|----------------------------------------------------------|

|      |           |            |               |       |        |
|------|-----------|------------|---------------|-------|--------|
| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |       |        |
| A3   | 00779     | C-1775855  | —             |       |        |
|      |           | SCALE      | 1:1           | SHEET | 2 OF 5 |
|      |           |            |               | REV   | F      |

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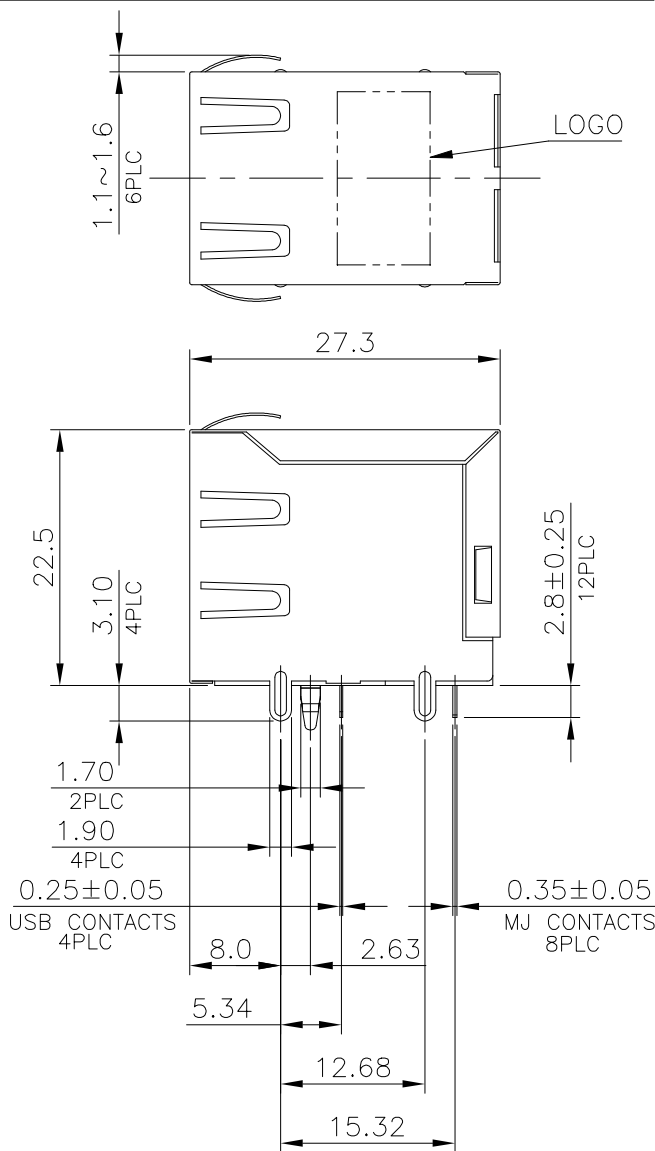
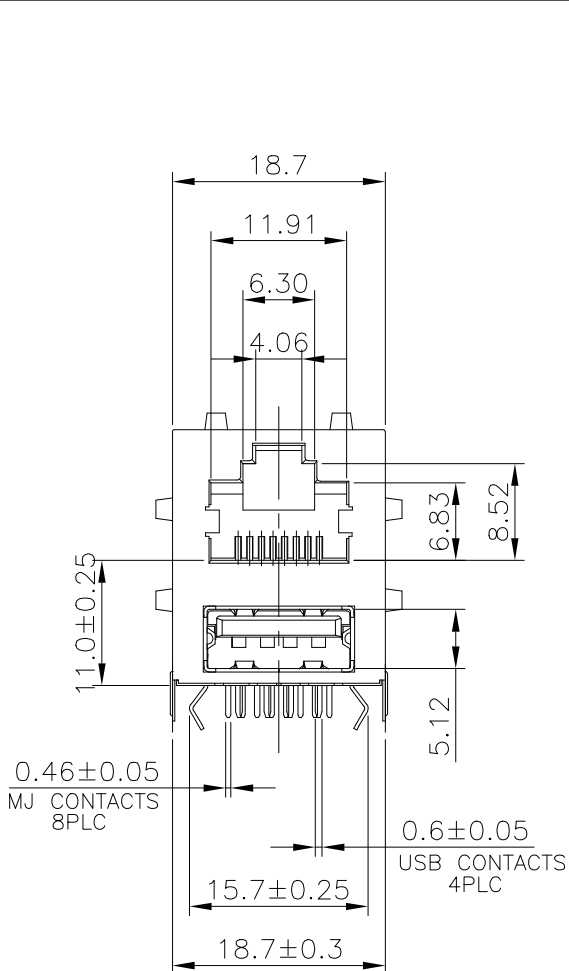
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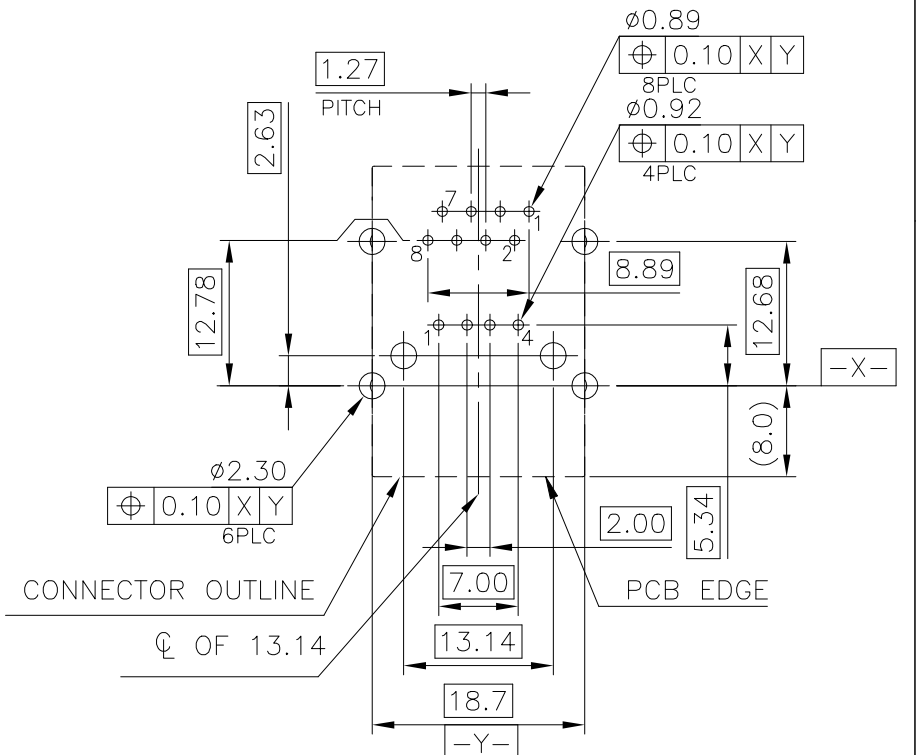
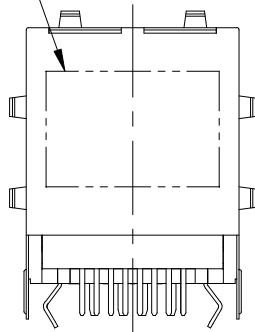
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| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
|   | —   | SEE SHEET 1 | —    | —   | —    |



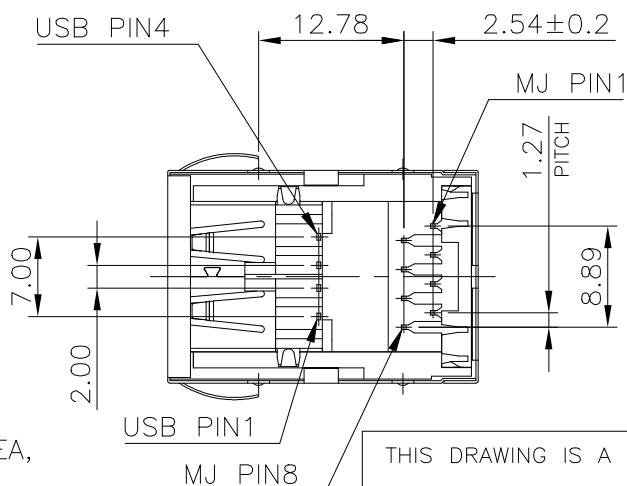
DATE CODE



RECOMMENDED PCB LAYOUT  
RECOMMENDED PCB THICKNESS: 1.6mm  
TOLERANCE: ±0.05 (TOP VIEW)

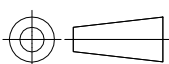
NOTE:

- MATERIAL:
  - MJ HOUSING: PBT, WITH 30% GF, UL94V-0, COLOR: SEE TABLE.
  - MJ CONTACTS: PHOSPHOR BRONZE.
  - MJ SHIELD: BRASS.
  - USB HOUSING: PBT, UL94V-0, COLOR: SEE TABLE.
  - USB CONTACTS: BRASS.
  - USB SHIELD: SPCC.
- FINISH:
  - MJ CONTACTS: GOLD FLASH PLATED ON CONTACT AREA, GOLD FLASH ON SOLDER TAILS, 1.27um [50u"] MIN. NICKEL UNDERPLATED OVERALL.
  - MJ SHIELD: 0.508um [20u"] MIN. NICKEL PLATED.
  - USB CONTACT: GOLD FLASH PLATED ON CONTACT AREA, 2.54um [100u"] MIN. BRIGHT-TIN PLATED ON SOLDER TAILS, 1.27um [50u"] MIN. NICKEL UNDERPLATED OVERALL.
  - USB SHIELD: 2.032um [80u"] MIN. NICKEL PLATED.
- WAVE SOLDER CAPABLE TO 265°C PER TE CONNECTIVITY SPEC. 109-202, CONDITION B.



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DIMENSIONS:  
mm



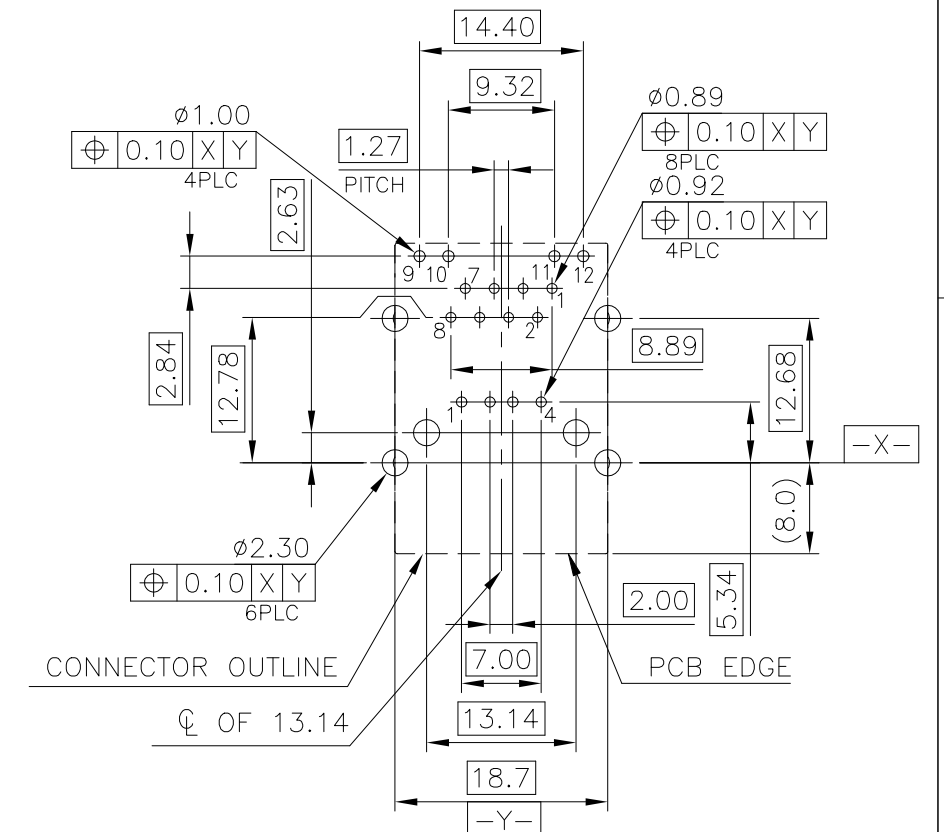
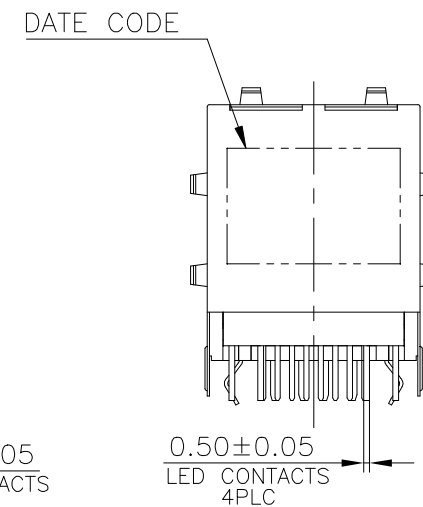
MATERIAL  
SEE TABEL

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

0 PLC ± -  
1 PLC ± 0.3  
2 PLC ± 0.2  
3 PLC ± 0.15  
4 PLC ± -  
ANGLES ± 3°  
FINISH

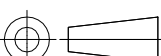
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| DWN              | 12JUN2009 |
| B. HSING         |           |
| CHK              | 12JUN2009 |
| S. CHIEN         |           |
| APVD             | 12JUN2009 |
| W. KODAMA        |           |
| PRODUCT SPEC     |           |
| 108-57802        |           |
| APPLICATION SPEC |           |
| —                |           |
| WEIGHT           | —         |
| CUSTOMER DRAWING |           |

|                                                                                       |           |            |     |                      |        |
|---------------------------------------------------------------------------------------|-----------|------------|-----|----------------------|--------|
|  |           |            |     | TE Connectivity Ltd. |        |
| NAME                                                                                  |           |            |     |                      |        |
| MODULAR JACK, RJ45, STACKED OVER,<br>USB CONN., DIP TYPE                              |           |            |     |                      |        |
| —                                                                                     |           |            |     |                      |        |
| SIZE                                                                                  | CAGE CODE | DRAWING NO |     | RESTRICTED TO        |        |
| A3                                                                                    | 00779     | C=1775855  |     | —                    |        |
|                                                                                       |           | SCALE      | 1:1 | SHEET                | 3 OF 5 |
|                                                                                       |           |            |     | REV                  | E      |



| LED ELECTRICAL CHARACTERISTIC |                |        |                                                                                             |
|-------------------------------|----------------|--------|---------------------------------------------------------------------------------------------|
| NO.                           | NODE           | COLOR  |                                                                                             |
| LED1                          | 9(+)<br>10(-)  | GREEN  | 9  10  |
| LED2                          | 11(+)<br>12(-) | YELLOW | 11  12 |

- 
- Top view drawing of the USB connector assembly. Dimensions and labels include:
- USB PIN4
  - 12.78
  - 2.54±0.2
  - MJ PIN1
  - 1.27 PITCH
  - 7.00
  - 2.00
  - 8.89
  - 9.32
  - 14.40
  - USB PIN1
  - MJ PIN8
  - THIS DRAWING IS A CONTROL

|                                                                                       |  |                                                                                                                                      |  |                                                                                                                      |  |                                                                               |  |                         |  |                        |  |
|---------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------|--|-------------------------|--|------------------------|--|
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|                                                                                       |  | CHK<br>S. CHIEN<br>12JUN2009                                                                                                         |  |                                                                                                                      |  |                                                                               |  |                         |  |                        |  |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br><br>0 PLC ± —<br>1 PLC ± 0.3<br>2 PLC ± 0.2<br>3 PLC ± 0.15<br>4 PLC ± —<br>ANGLES ± 3° |  | APVD<br>W. KODAMA<br>12JUN2009                                                                                       |  | NAME<br><br>MODULAR JACK, RJ45, STACKED OVER,<br>USB CONN., DIP TYPE<br><br>— |  |                         |  |                        |  |
|  |  |                                                                                                                                      |  | PRODUCT SPEC<br><br>108-57802                                                                                        |  |                                                                               |  |                         |  |                        |  |
|                                                                                       |  |                                                                                                                                      |  | APPLICATION SPEC<br><br>—                                                                                            |  |                                                                               |  |                         |  |                        |  |
|                                                                                       |  |                                                                                                                                      |  | WEIGHT<br><br>—                                                                                                      |  |                                                                               |  |                         |  |                        |  |
|                                                                                       |  |                                                                                                                                      |  | CUSTOMER DRAWING                                                                                                     |  |                                                                               |  |                         |  |                        |  |
| MATERIAL<br><br>SEE TABEL                                                             |  | FINISH<br><br>—                                                                                                                      |  | SIZE<br>A3                                                                                                           |  | CAGE CODE<br>00779                                                            |  | DRAWING NO<br>C-1775855 |  | RESTRICTED TO<br><br>— |  |
|                                                                                       |  |                                                                                                                                      |  | SCALE<br>1:1                                                                                                         |  | SHEET<br>4 OF 5                                                               |  | REV<br>F                |  |                        |  |

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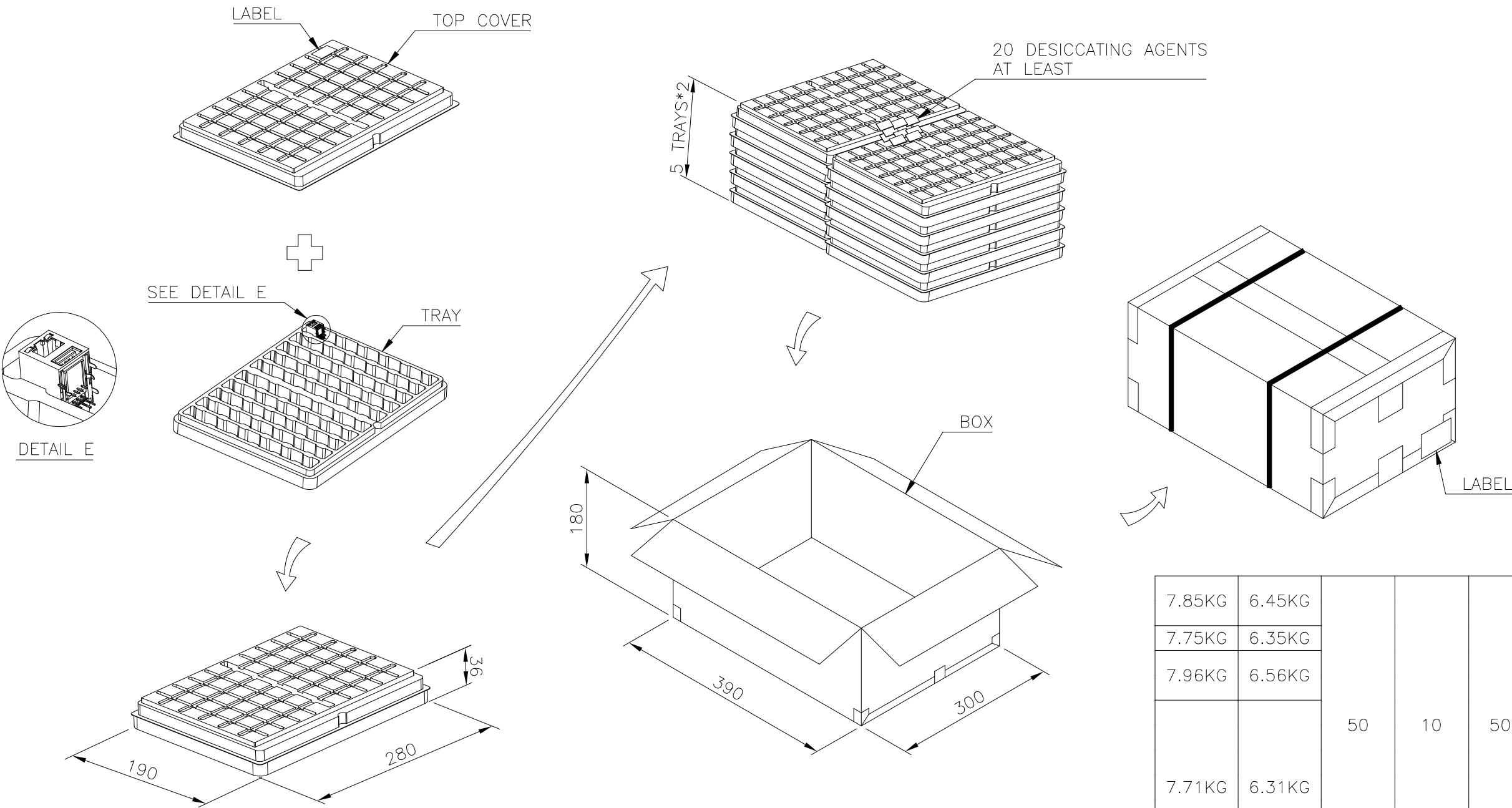
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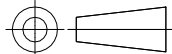
REVISIONS

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



- NOTES:
1. MATERIAL:  
TRAY: PVC.  
BOX: CORRUGATED FIBER.
  2. DIMENSION: SEE DRAWING
  3. QUANTITY: SEE TABLE
  4. WEIGHT: SEE TABLE

|              |            |           |           |          |                        |
|--------------|------------|-----------|-----------|----------|------------------------|
| 7.85KG       | 6.45KG     | 50        | 10        | 500      | 6-1775855-3            |
|              |            |           |           |          | <del>6-1775855-1</del> |
| 7.75KG       | 6.35KG     |           |           |          | 5-1775855-1            |
| 7.96KG       | 6.56KG     |           |           |          | 4-1775855-2            |
|              |            |           |           |          | 4-1775855-1            |
| 7.71KG       | 6.31KG     |           |           |          | <del>3-1775855-1</del> |
|              |            |           |           |          | <del>2-1775855-2</del> |
|              |            |           |           |          | <del>2-1775855-1</del> |
|              |            |           |           |          | 1-1775855-1            |
|              |            |           |           |          | 1775855-3              |
|              |            |           |           |          | 1775855-2              |
|              |            |           |           |          | 1775855-1              |
| GROSS WEIGHT | NET WEIGHT | PCS/ TRAY | TRAY/ BOX | PCS/ BOX | PART NUMBER            |

|                                                                                       |  |                                                                                     |  |                                                                                                                      |  |                           |  |                 |                    |                         |                        |
|---------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------|--|---------------------------|--|-----------------|--------------------|-------------------------|------------------------|
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|                                                                                       |  | CHK<br>S. CHIEN<br>12JUN2009                                                        |  |                                                                                                                      |  |                           |  |                 |                    |                         |                        |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                           |  | NAME<br><br>MODULAR JACK, RJ45, STACKED OVER,<br>USB CONN., DIP TYPE<br>—                                            |  |                           |  |                 |                    |                         |                        |
|  |  | 0 PLC ± —<br>1 PLC ± 0.3<br>2 PLC ± 0.2<br>3 PLC ± 0.15<br>4 PLC ± —<br>ANGLES ± 3° |  |                                                                                                                      |  |                           |  |                 |                    |                         |                        |
| MATERIAL<br><br>SEE TABEL                                                             |  | FINISH<br><br>—                                                                     |  | PRODUCT SPEC<br><br>108-57802                                                                                        |  | APPLICATION SPEC<br><br>— |  | SIZE<br>A3      | CAGE CODE<br>00779 | DRAWING NO<br>C-1775855 | RESTRICTED TO<br><br>— |
| CUSTOMER DRAWING                                                                      |  |                                                                                     |  |                                                                                                                      |  | SCALE<br>1:1              |  | SHEET<br>5 OF 5 |                    | REV<br>E                |                        |

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