

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

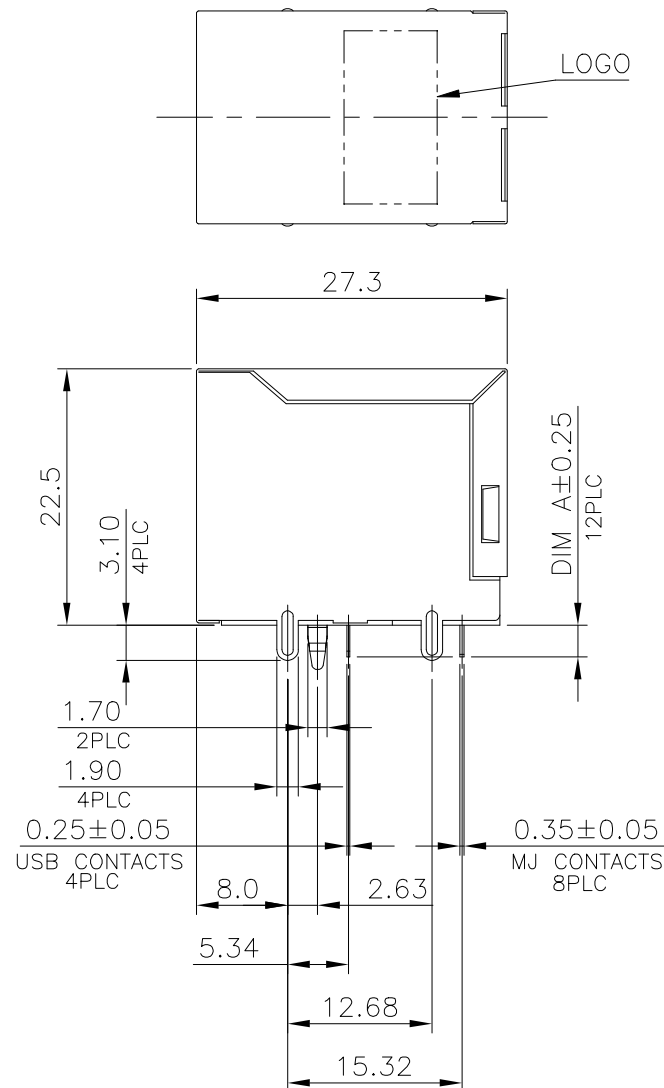
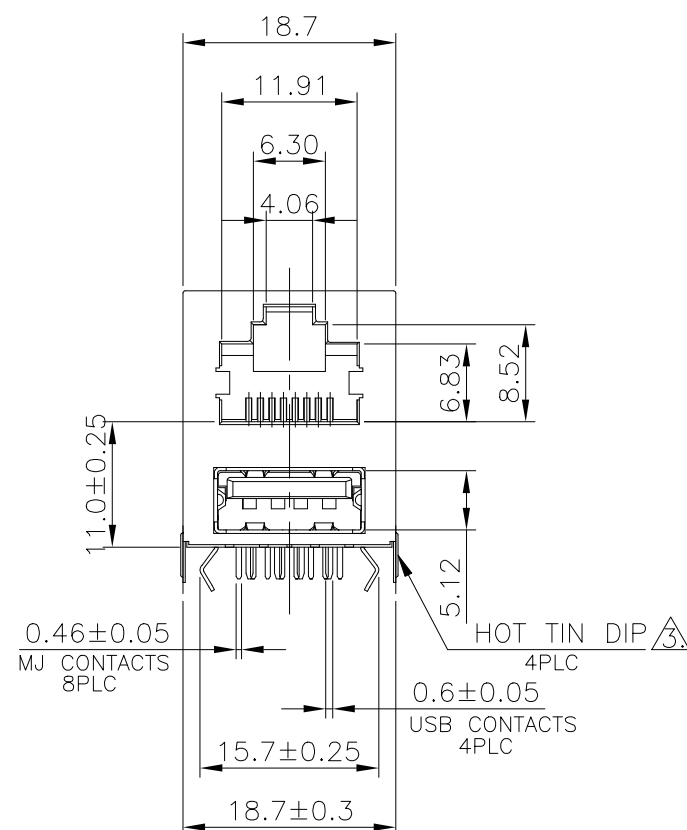
-,-

© COPYRIGHT — TE Connectivity Ltd.

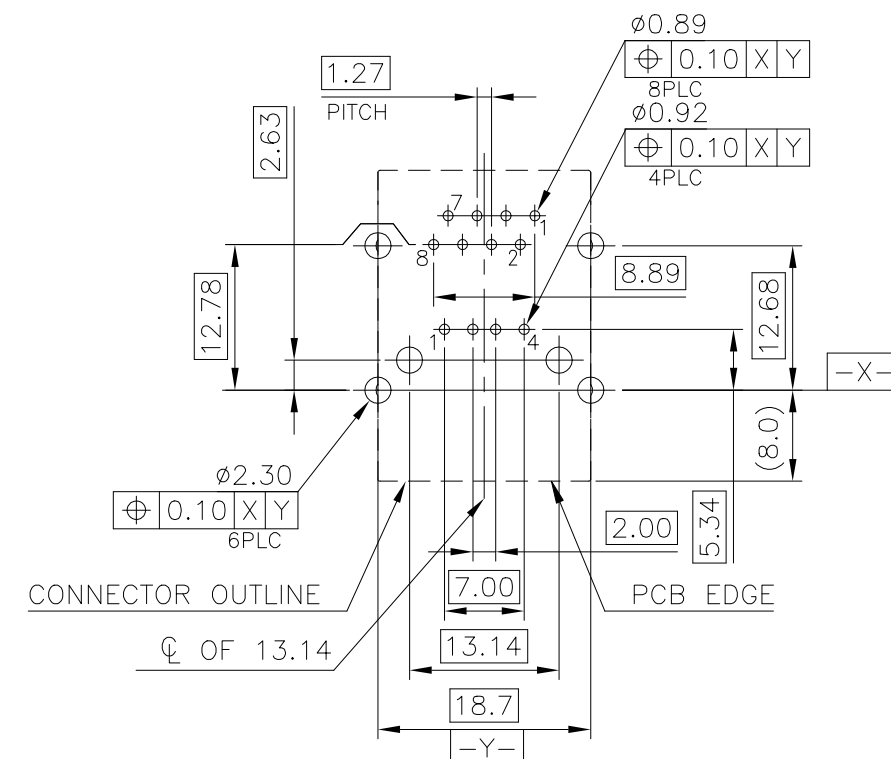
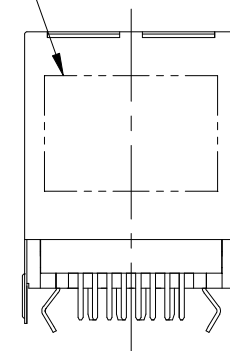
ALL RIGHTS RESERVED.

## REVISIONS

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



DATE CODE



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

## 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.

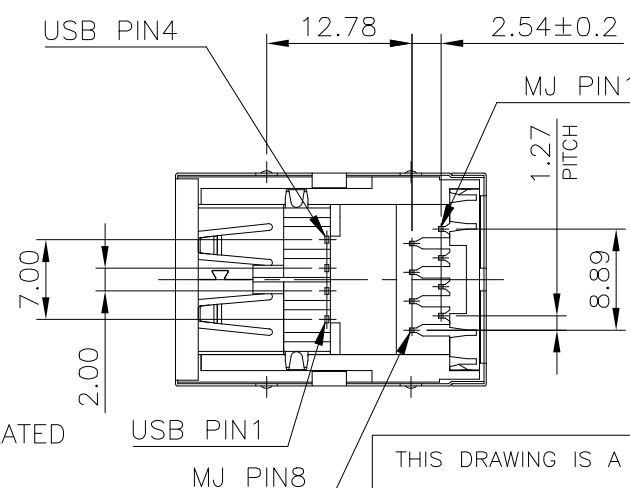
## 2. FINISH:

- 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.

3. HOT TIN DIP ON SHELL'S LEGS.

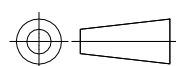
4. WAVE SOLDER CAPABLE TO 265°C PER TE CONNECTIVITY SPEC. 109-202, CONDITION B.

5. RJ45 CAVITY CONFIRMS TO FCC RULES AND REGULATIONS PART 68, SUBPART F.



|               |                             |             |               |                     |                |                        |
|---------------|-----------------------------|-------------|---------------|---------------------|----------------|------------------------|
| OBSOLETE      | 12.61                       | WITHOUT HTD | 2.8           | BLACK               | 0.762µm [30u"] | <del>3-1775855-1</del> |
|               |                             |             |               | COOL GRAY 1C        | GOLD FLASH     | <del>2-1775855-2</del> |
|               |                             |             |               | BLACK               | GOLD FLASH     | <del>2-1775855-1</del> |
|               | WITH HTD                    | 3           | 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    |                        |

THIS DRAWING IS A CONTROLLED DOCUMENT.

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 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,  
USB CONN., DIP TYPE

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

SCALE 1:1 SHEET 1 of 5 REV E

---

— , —

ALL RIGHTS RESERVED.

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



---

1470-19 (1/15)

THIS DRAWING IS UNPUBLISHED.

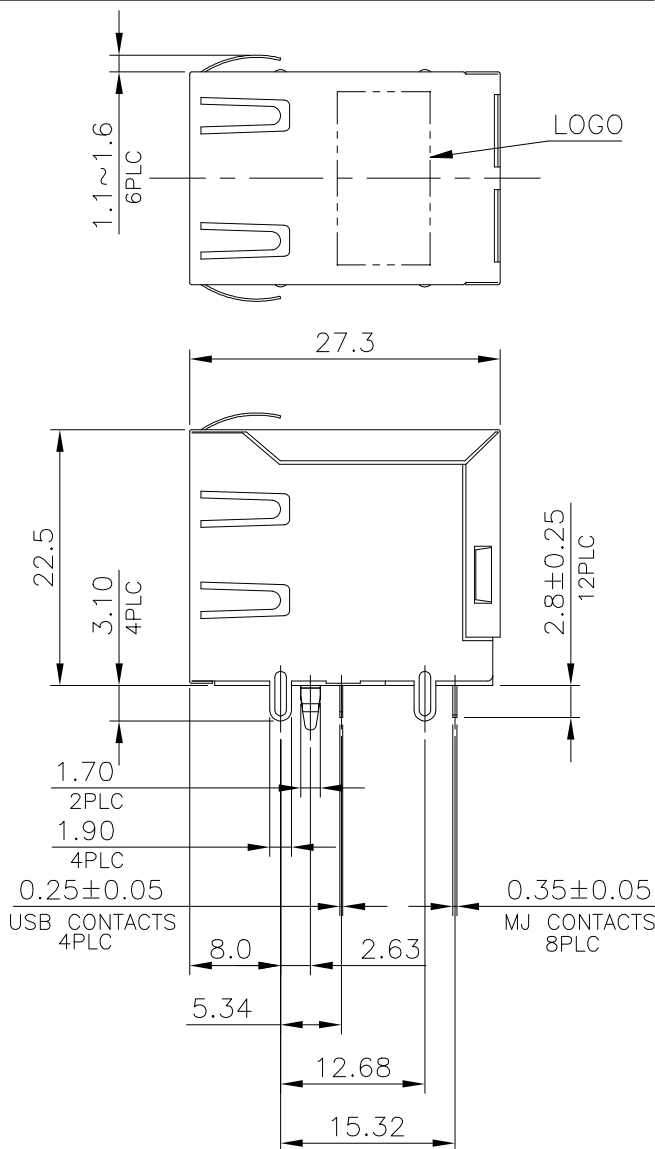
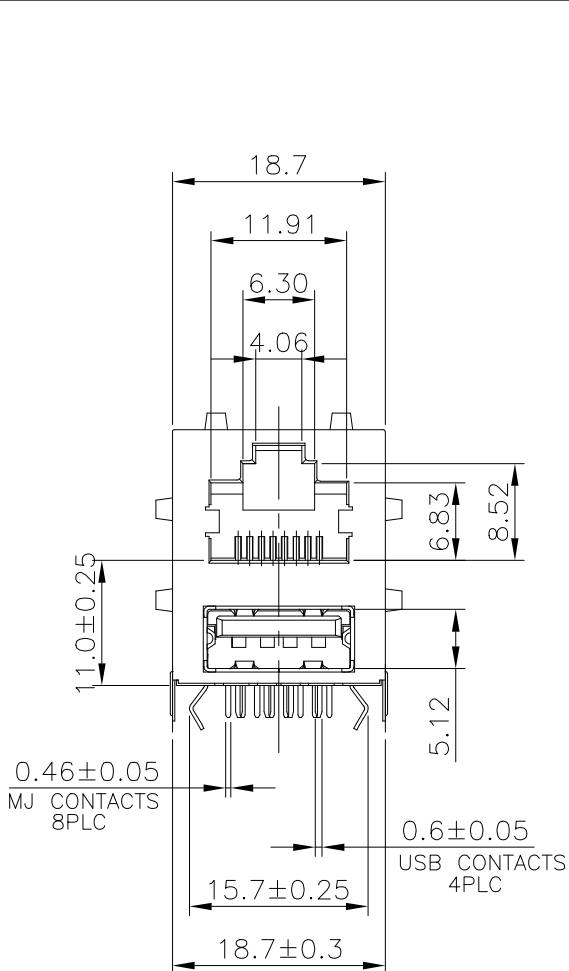
RELEASED FOR PUBLICATION

© COPYRIGHT — TE Connectivity Ltd.

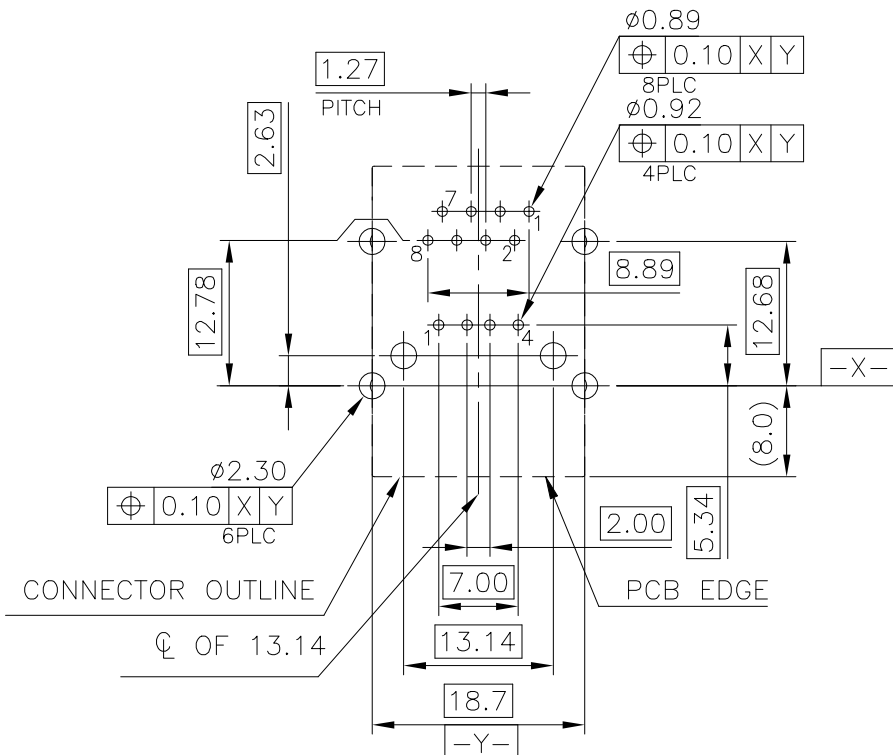
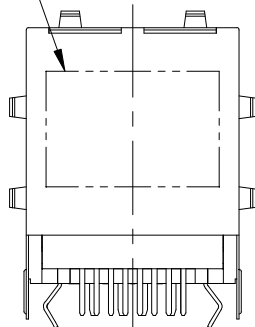
ALL RIGHTS RESERVED.

REVISIONS

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



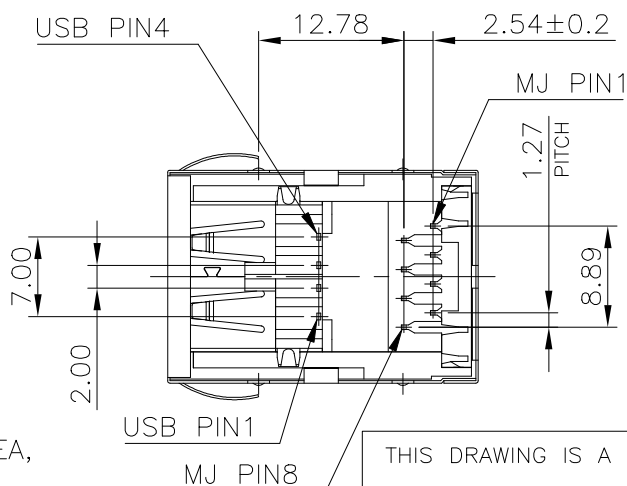
DATE CODE



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

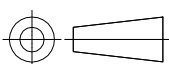
NOTE:

- 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.



THIS DRAWING IS A CONTROLLED DOCUMENT.

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

-

|                  |           |
|------------------|-----------|
| 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      |

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

-.-

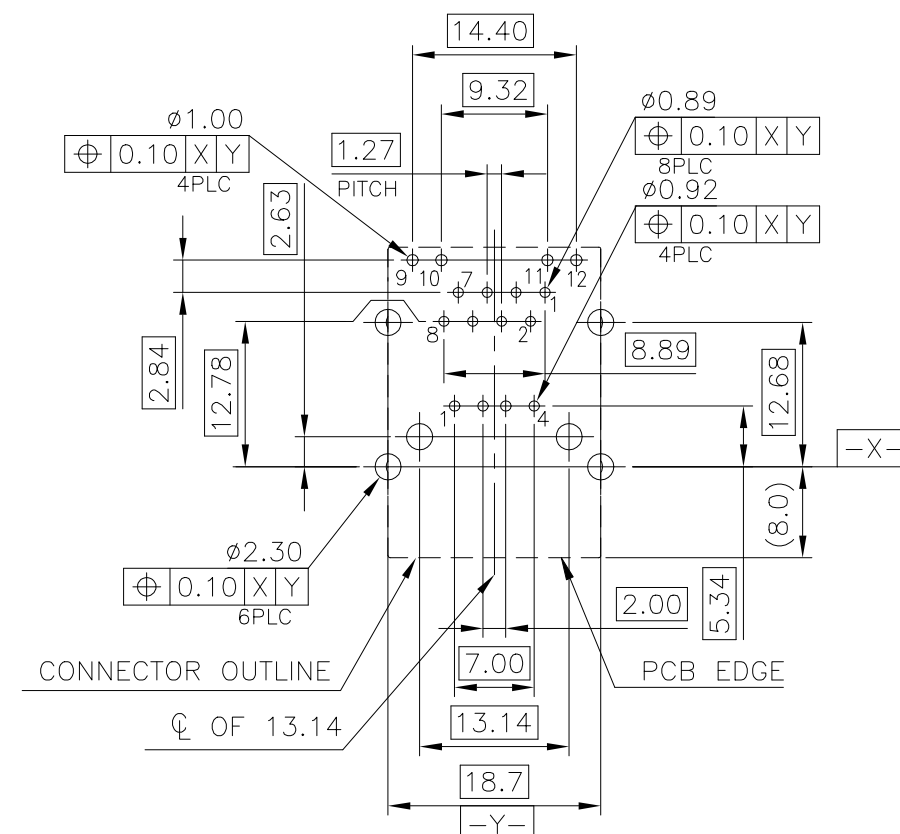
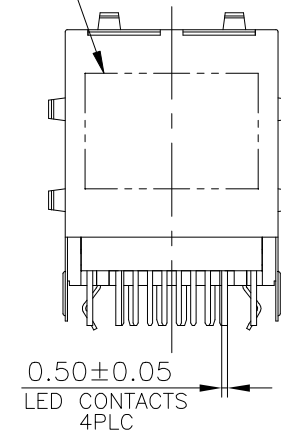
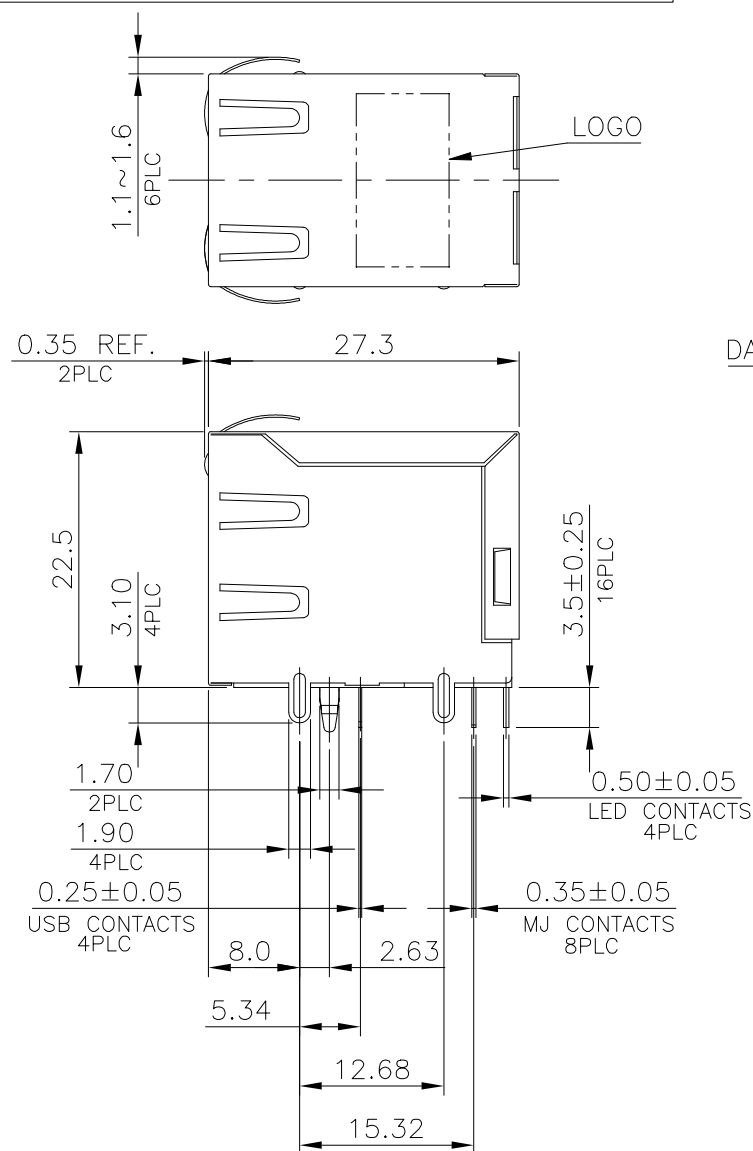
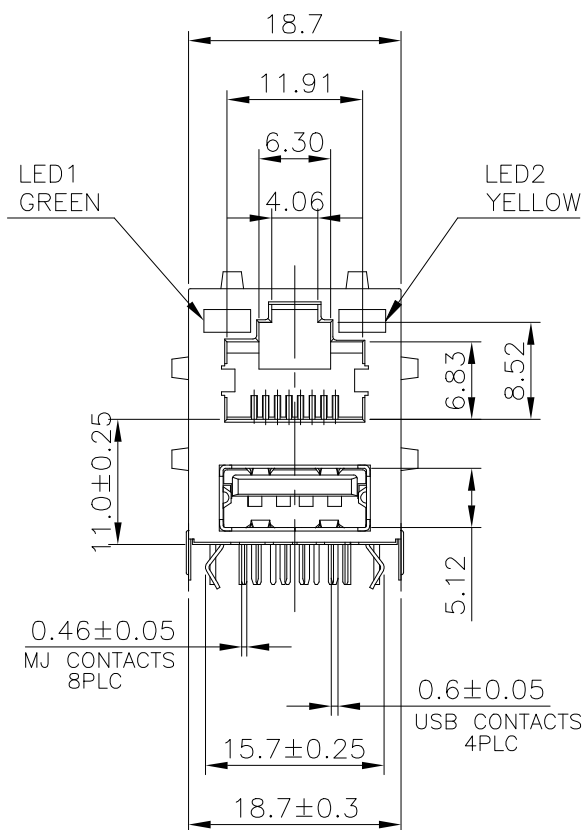


COPYRIGHT — TE Connectivity Ltd.

ALL RIGHTS RESERVED.

## REVISIONS

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



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

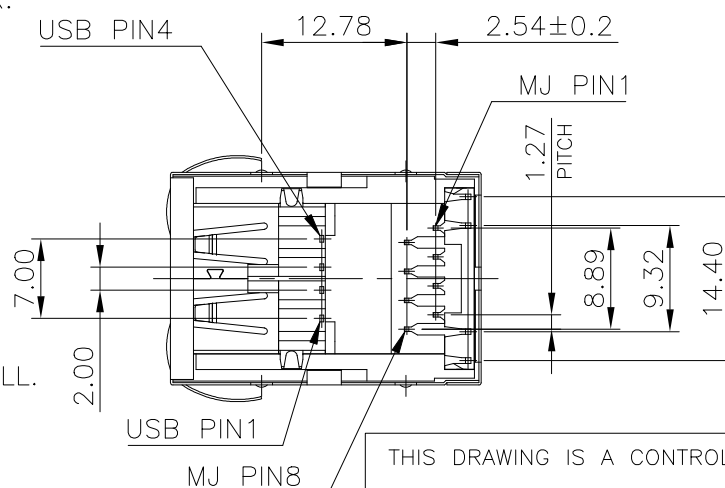
## NOTE:

## 1. MATERIAL:

- 1.1 MJ HOUSING & LED COVER: PBT, WITH 30% GF, UL94V-0, BLACK COLOR.
- 1.2 MJ CONTACTS: PHOSPHOR BRONZE.
- 1.3 MJ SHIELD: BRASS.
- 1.4 LED SOLDER TAIL: EPOXY, STEEL.
- 1.5 USB HOUSING: PBT, UL94V-0, BLACK COLOR.
- 1.6 USB CONTACTS: BRASS.
- 1.7 USB SHIELD: SPCC.

## 2. FINISH:

- 2.1 MJ CONTACTS:  
SELECTIVE GOLD PLATED (SEE TABLE)  
ON CONTACT AREA,  
GOLD FLASH ON SOLDER TAILS,  
1.27um [50u"] MIN. NICKEL UNDERPLATED OVERALL.
  - 2.2 MJ SHIELD: 0.508um [20u"] MIN. NICKEL PLATED.
  - 2.3 LED SOLDER TAIL:  
1.02um [40u"] COPPER UNDERPLATED OVERALL.  
1.27um [50u"] NICKEL OVERALL.  
1.27um [50u"] SILVER ON BONDING AREA.  
2.54um [100u"] BRIGHT-TIN ON SOLDER AREA.
  - 2.4 USB CONTACT: SELECTIVE GOLD PLATED (SEE TABLE) ON CONTACT AREA,  
2.54um [100u"] MIN. BRIGHT-TIN PLATED ON SOLDER TAILS,  
1.27um [50u"] MIN. NICKEL UNDERPLATED OVERALL.
  - 2.5 USB SHIELD: 2.032um [80u"] MIN. NICKEL PLATED.
3. WAVE SOLDER CAPABLE TO 265°C PER TE CONNECTIVITY SPEC.  
109-202, CONDITION B.



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

|          |               |                     |                        |
|----------|---------------|---------------------|------------------------|
| OBSOLETE | 12.90         | 0.762um [30u"]      | 6-1775855-3            |
|          |               | GOLD FLASH          | <del>6-1775855-1</del> |
|          | WEIGHT (gram) | MIN. GOLD THICKNESS | PART NUMBER            |

THIS DRAWING IS A CONTROLLED DOCUMENT.

| DIMENSIONS: | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                        |
|-------------|-----------------------------------------------------------------------------------------------|
| mm          |                                                                                               |
|             | 0 PLC ± -<br>1 PLC ± 0.3<br>2 PLC ± 0.2<br>3 PLC ± 0.15<br>4 PLC ± -<br>ANGLES ± 3°<br>FINISH |
| MATERIAL    |                                                                                               |
| SEE TABEL   | -                                                                                             |

|                  |           |
|------------------|-----------|
| 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, USB CONN., DIP TYPE |           |            |               |
| -                                                     |           |            |               |
| SIZE                                                  | CAGE CODE | DRAWING NO | RESTRICTED TO |
| A3                                                    | 00779     | C=1775855  | -             |
| SCALE                                                 |           | SHEET      | REV           |
| 1:1                                                   |           | 4 of 5     | E             |

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

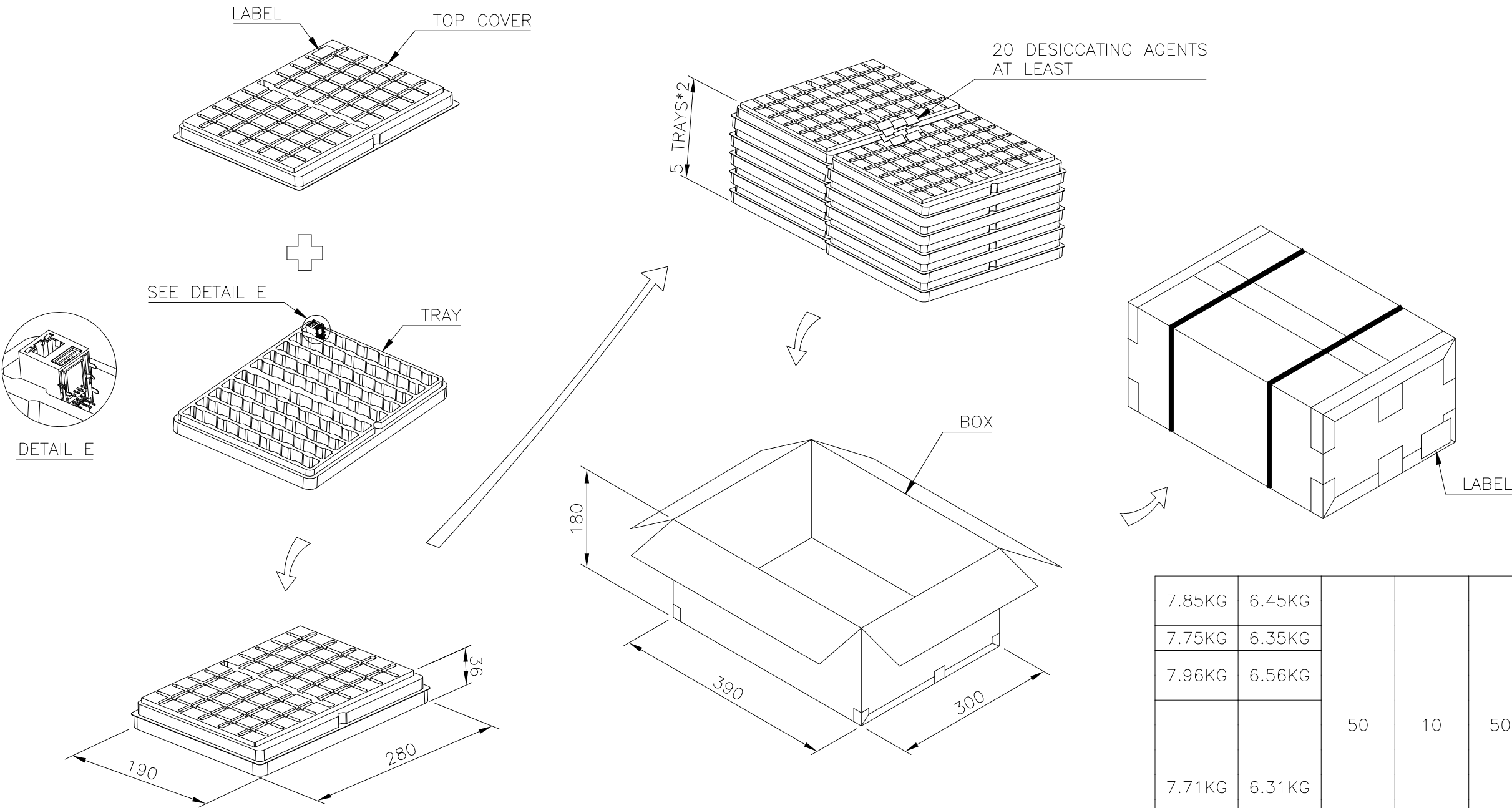
- . - .

© COPYRIGHT - TE Connectivity Ltd.

ALL RIGHTS RESERVED.

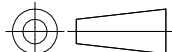
REVISIONS

| 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            |

|                                                                                       |  |                                                                                     |  |                                                                                                                      |  |            |  |                    |  |                         |  |                        |  |          |  |
|---------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------|--|------------|--|--------------------|--|-------------------------|--|------------------------|--|----------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>B. HSING<br>12JUN2009                                                        |  | <div>TE Connectivity Ltd.</div> |  |            |  |                    |  |                         |  |                        |  |          |  |
|                                                                                       |  | 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>—                                                                     |  | APPLICATION SPEC<br><br>—                                                                                            |  | SIZE<br>A3 |  | CAGE CODE<br>00779 |  | DRAWING NO<br>C-1775855 |  | RESTRICTED TO<br><br>— |  |          |  |
|                                                                                       |  |                                                                                     |  | WEIGHT<br><br>—                                                                                                      |  |            |  |                    |  |                         |  |                        |  |          |  |
| CUSTOMER DRAWING                                                                      |  |                                                                                     |  |                                                                                                                      |  |            |  |                    |  | SCALE<br>1:1            |  | SHEET<br>5 OF 5        |  | REV<br>E |  |