

4

3

2

1

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LOC

DIST

REVISIONS

DW

P

LTR

DESCRIPTION

DATE

DWN

APVD

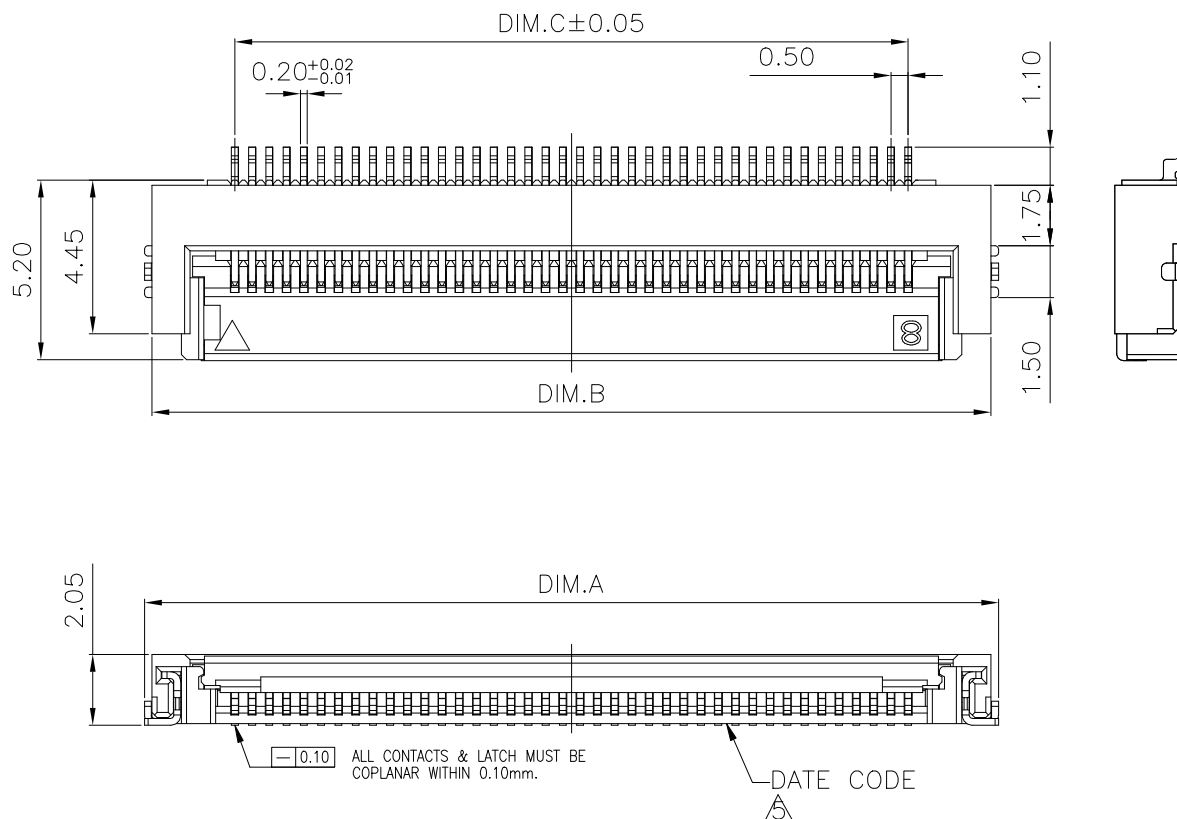
G

REVISED (ECR-18-000341), DELETE '0-' FROM PART NO.

16JAN18

H.X.

W.H.



## NOTES :

## 1. MATERIAL :

- 1.1 HOUSING : THERMOPLASTIC (LCP), UL 94 V-0, COLOR:NATURAL
- 1.2 ACTUATOR : THERMOPLASTIC (LCP), UL 94 V-0, COLOR:NATURAL
- 1.3 CONTACTS : PHOSPHOR BRONZE
- 1.4 SOLDER PEG : BRASS

## 2. FINISH:

## 2.1 CONTACT:

GOLD FLASH PLATING ON CONTACT & SOLDERING AREAS,  
1.27μm [50μ"] MIN. NICKEL UNDERPLATING OVERALL.

## 2.2 SOLDER PEG:

GOLD FLASH PLATING OVERALL  
1.27μm [50μ"] MIN. NICKEL UNDERPLATING OVERALL.

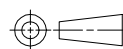
## 3. REFLOW SOLDER CAPABLE TO 260°C

PER TE SPEC. 109-201, CONDITION B.

## 4. NET WEIGHT : 0.5gram FOR 45 POS.

△ DATE CODE PRINT ONLY FOR 30 POSITION(NOT INCLUDE) ABOVE ITEM.

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DIMENSIONS:  
MM

MATERIAL

SEE NOTE

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

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

FINISH

SEE NOTE

DWN 29SEP2007

H. HUANG

CHK 29SEP2007

S. HOU

APVD 29SEP2007

W.J. KE

PRODUCT SPEC

108-57590

QUALIFICATION TEST REPORT

501-57687

WEIGHT

-

CUSTOMER DRAWING



TE Connectivity

NAME

ZIF FPC 0.50mm PITCH, 2.0mm HEIGHT, SMT

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C=1775333

-

SCALE

-

SHEET

1 OF 4

REV

G

4

3

2

1

D

D

C

C

B

B

A

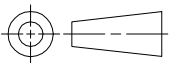
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|                                                |  |                          |  |
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|     |      |           |     |              |      |     |      |
|-----|------|-----------|-----|--------------|------|-----|------|
| LOC | DIST | REVISIONS |     |              |      |     |      |
| DW  | —    | P         | LTR | DESCRIPTION  | DATE | DWN | APVD |
|     |      |           |     | SEE SHEET 1. |      |     |      |

|                |            |       |       |       |      |             |
|----------------|------------|-------|-------|-------|------|-------------|
| AVAILABLE      | 28.50      | 27.50 | 32.50 | 32.75 | 56   | 5-1775333-6 |
|                | 28.00      | 27.00 | 32.00 | 32.25 | 55   | 5-1775333-5 |
|                | 27.50      | 26.50 | 31.50 | 31.75 | 54   | 5-1775333-4 |
|                | 27.00      | 26.00 | 31.00 | 31.25 | 53   | 5-1775333-3 |
| NOT AVAILABLE  | 26.50      | 25.50 | 30.50 | 30.75 | 52   | 5-1775333-2 |
| NOT AVAILABLE  | 26.00      | 25.00 | 30.00 | 30.25 | 51   | 5-1775333-1 |
| AVAILABLE      | 25.50      | 24.50 | 29.30 | 29.75 | 50   | 5-1775333-0 |
| NOT AVAILABLE  | 25.00      | 24.00 | 28.80 | 29.25 | 49   | 4-1775333-9 |
| AVAILABLE      | 24.50      | 23.50 | 28.30 | 28.75 | 48   | 4-1775333-8 |
| NOT AVAILABLE  | 24.00      | 23.00 | 27.80 | 28.25 | 47   | 4-1775333-7 |
| NOT AVAILABLE  | 23.50      | 22.50 | 27.30 | 27.75 | 46   | 4-1775333-6 |
| AVAILABLE      | 23.00      | 22.00 | 26.80 | 27.25 | 45   | 4-1775333-5 |
| NOT AVAILABLE  | 22.50      | 21.50 | 26.30 | 26.75 | 44   | 4-1775333-4 |
| NOT AVAILABLE  | 22.00      | 21.00 | 25.80 | 26.25 | 43   | 4-1775333-3 |
| AVAILABLE      | 21.50      | 20.50 | 25.30 | 25.75 | 42   | 4-1775333-2 |
| NOT AVAILABLE  | 21.00      | 20.00 | 24.80 | 25.25 | 41   | 4-1775333-1 |
| AVAILABLE      | 20.50      | 19.50 | 24.30 | 24.75 | 40   | 4-1775333-0 |
| NOT AVAILABLE  | 20.00      | 19.00 | 23.80 | 24.25 | 39   | 3-1775333-9 |
| NOT AVAILABLE  | 19.50      | 18.50 | 23.30 | 23.75 | 38   | 3-1775333-8 |
| NOT AVAILABLE  | 19.00      | 18.00 | 22.80 | 23.25 | 37   | 3-1775333-7 |
| AVAILABLE      | 18.50      | 17.50 | 22.30 | 22.75 | 36   | 3-1775333-6 |
|                | 18.00      | 17.00 | 21.80 | 22.25 | 35   | 3-1775333-5 |
| TOOLING STATUS | D          | C     | B     | A     | POS. | PART NUMBER |
|                | DIMENSIONS |       |       |       |      |             |

|                |            |       |       |       |      |                |
|----------------|------------|-------|-------|-------|------|----------------|
| AVAILABLE      | 17.50      | 16.50 | 21.30 | 21.75 | 34   | 3-1775333-4    |
|                | 17.00      | 16.00 | 20.80 | 21.25 | 33   | 3-1775333-3    |
|                | 16.50      | 15.50 | 20.30 | 20.75 | 32   | 3-1775333-2    |
| NOT AVAILABLE  | 16.00      | 15.00 | 19.80 | 20.25 | 31   | 3-1775333-1    |
| AVAILABLE      | 15.50      | 14.50 | 19.30 | 19.75 | 30   | 3-1775333-0    |
| NOT AVAILABLE  | 15.00      | 14.00 | 18.80 | 19.25 | 29   | 2-1775333-9    |
| AVAILABLE      | 14.50      | 13.50 | 18.30 | 18.75 | 28   | 2-1775333-8    |
| NOT AVAILABLE  | 14.00      | 13.00 | 17.80 | 18.25 | 27   | 2-1775333-7    |
| AVAILABLE      | 13.50      | 12.50 | 17.30 | 17.75 | 26   | 2-1775333-6    |
|                | 13.00      | 12.00 | 16.80 | 17.25 | 25   | 2-1775333-5    |
|                | 12.50      | 11.50 | 16.30 | 16.75 | 24   | 2-1775333-4    |
| NOT AVAILABLE  | 12.00      | 11.00 | 15.80 | 16.25 | 23   | 2-1775333-3    |
| AVAILABLE      | 11.50      | 10.50 | 15.30 | 15.75 | 22   | 2-1775333-2    |
|                | 11.00      | 10.00 | 14.80 | 15.25 | 21   | 2-1775333-1    |
|                | 10.50      | 9.50  | 14.30 | 14.75 | 20   | 2-1775333-0    |
| NOT AVAILABLE  | 10.00      | 9.00  | 13.80 | 14.25 | 19   | 1-1775333-9    |
| AVAILABLE      | 9.50       | 8.50  | 13.30 | 13.75 | 18   | 1-1775333-8    |
|                | 9.00       | 8.00  | 12.80 | 13.25 | 17   | 1-1775333-7    |
|                | 8.50       | 7.50  | 12.30 | 12.75 | 16   | 1-1775333-6    |
|                | 8.00       | 7.00  | 11.80 | 12.25 | 15   | 1-1775333-5    |
|                | 7.50       | 6.50  | 11.30 | 11.75 | 14   | 1-1775333-4    |
|                | 7.00       | 6.00  | 10.80 | 11.25 | 13   | 1-1775333-3    |
|                | 6.50       | 5.50  | 10.30 | 10.75 | 12   | 1-1775333-2    |
| NOT AVAILABLE  | 6.00       | 5.00  | 9.80  | 10.25 | 11   | 1-1775333-1    |
| AVAILABLE      | 5.50       | 4.50  | 9.30  | 9.75  | 10   | 1-1775333-0    |
|                | 5.00       | 4.00  | 8.80  | 9.25  | 09   | 1775333-9      |
|                | 4.50       | 3.50  | 8.30  | 8.75  | 08   | 1775333-8      |
| NOT AVAILABLE  | 4.00       | 3.00  | 7.80  | 8.25  | 07   | 1775333-7      |
| AVAILABLE      | 3.50       | 2.50  | 7.30  | 7.75  | 06   | 1775333-6      |
|                | 3.00       | 2.00  | 6.80  | 7.25  | 05   | 1775333-5      |
|                | 2.50       | 1.50  | 6.30  | 6.75  | 04   | 1775333-4      |
| TOOLING STATUS | D          | C     | B     | A     | POS. | PART<br>NUMBER |
|                | DIMENSIONS |       |       |       |      |                |

|                                                                                       |  |                                                                                  |  |                                                                                                       |              |       |
|---------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--------------|-------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN                                                                              |  |  TE Connectivity |              |       |
|                                                                                       |  | CHK                                                                              |  |                                                                                                       |              |       |
| DIMENSIONS: MM                                                                        |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                           |  | NAME                                                                                                  |              |       |
|  |  | 0 PLC ± —<br>1 PLC ± 0.3<br>2 PLC ± 0.2<br>3 PLC ± —<br>4 PLC ± —<br>ANGLES ± 3° |  | PRODUCT SPEC                                                                                          |              |       |
|                                                                                       |  |                                                                                  |  | —                                                                                                     |              |       |
| MATERIAL<br>SEE NOTE                                                                  |  | FINISH<br>SEE NOTE                                                               |  | QUALIFICATION TEST REPORT                                                                             |              |       |
|                                                                                       |  |                                                                                  |  | —                                                                                                     |              |       |
|                                                                                       |  | WEIGHT                                                                           |  | SIZE CAGE CODE DRAWING NO RESTRICTED TO                                                               |              |       |
|                                                                                       |  | —                                                                                |  | A300779C=1775333—                                                                                     |              |       |
| CUSTOMER DRAWING                                                                      |  |                                                                                  |  | SCALE —                                                                                               | SHEET 2 OF 4 | REV G |

| LOC | DIST | REVISIONS |     |              |      |     |      |
|-----|------|-----------|-----|--------------|------|-----|------|
| DW  | —    | P         | LTR | DESCRIPTION  | DATE | DWN | APVD |
|     |      |           |     | SEE SHEET 1. |      |     |      |

D

C

B

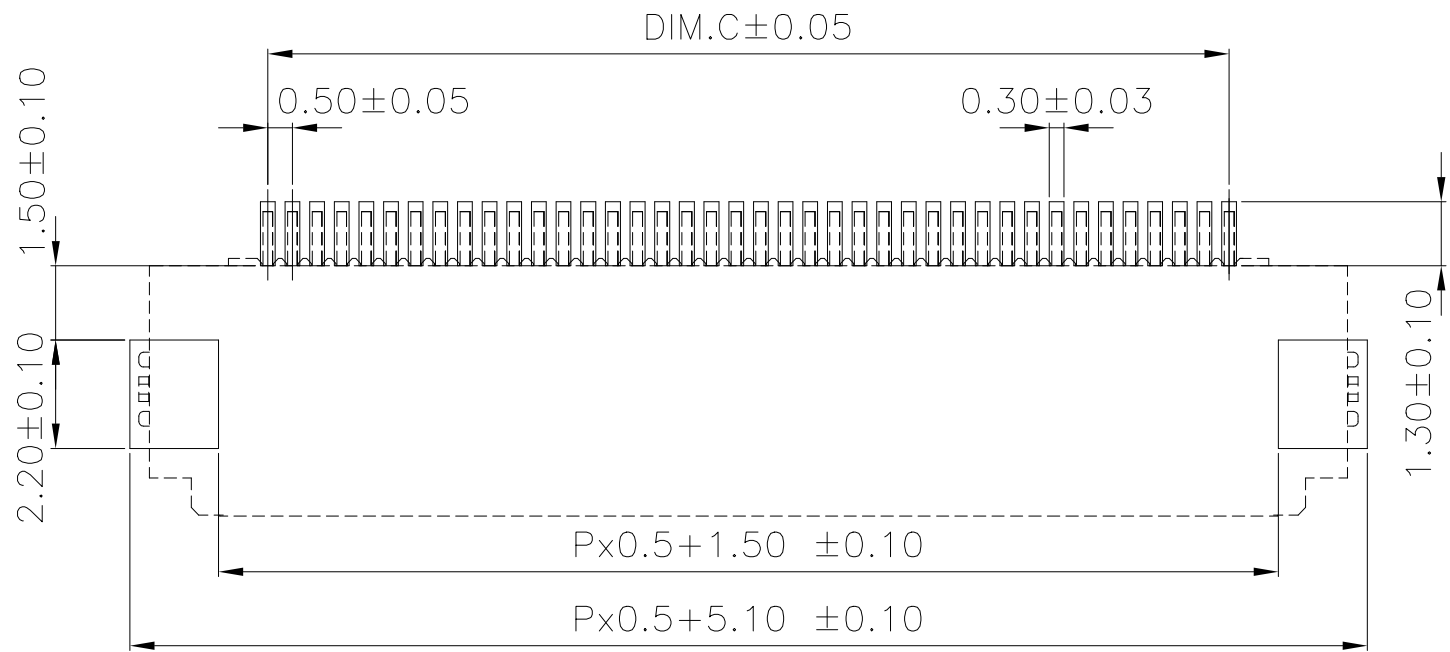
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D

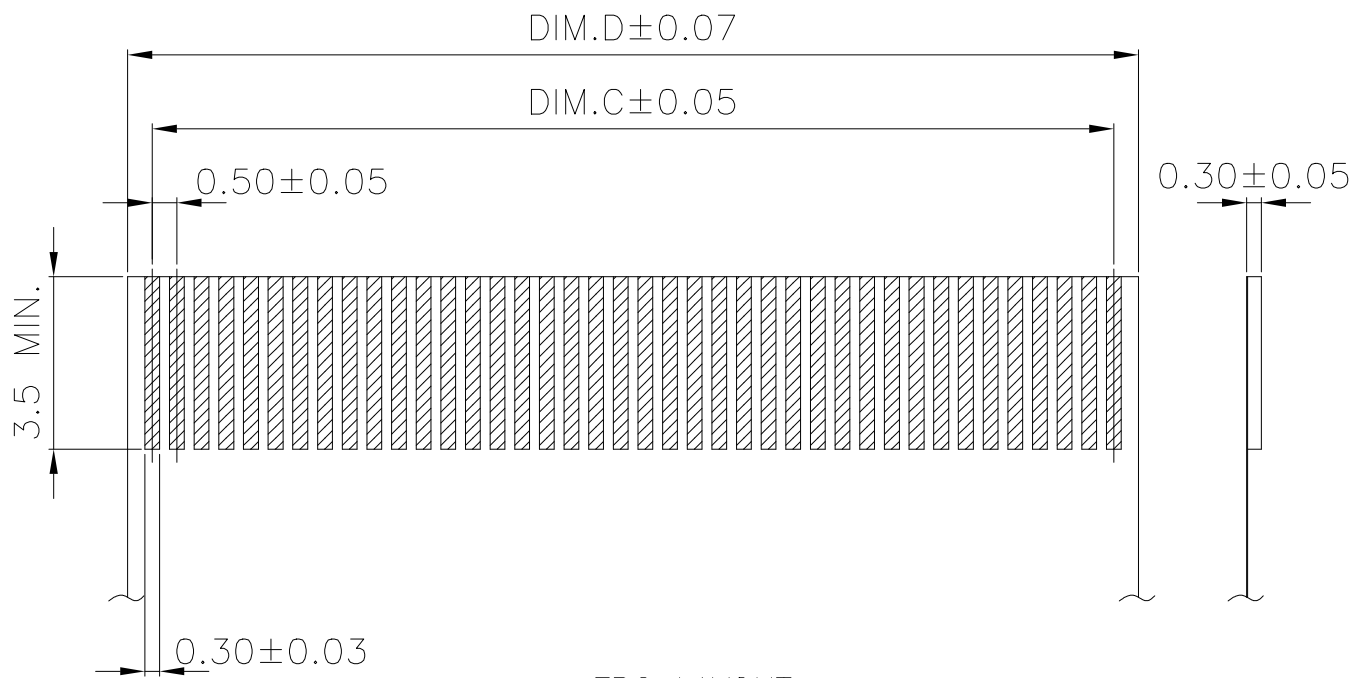
C

B

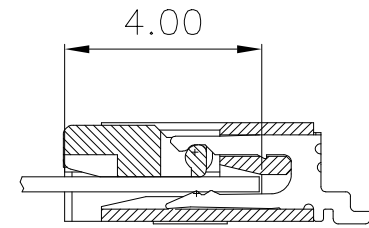
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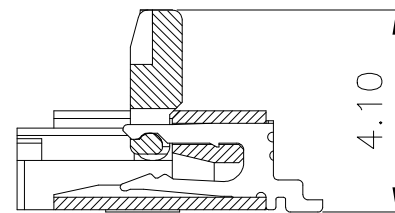
RECOMMENDED P.C. BOARD PATTERN LAYOUT  
RECOMMENDED METAL MASK THICKNESS: T=0.15

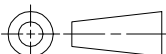


FPC LAYOUT



FPC INSERTION DEPTH



|                                                                                       |  |                                           |  |                                                                                                                 |  |           |  |            |  |               |  |       |  |        |  |     |  |
|---------------------------------------------------------------------------------------|--|-------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------|--|-----------|--|------------|--|---------------|--|-------|--|--------|--|-----|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN                                       |  | <div>TE Connectivity</div> |  |           |  |            |  |               |  |       |  |        |  |     |  |
|                                                                                       |  | CHK                                       |  |                                                                                                                 |  |           |  |            |  |               |  |       |  |        |  |     |  |
| DIMENSIONS:<br>MM                                                                     |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |  | NAME                                                                                                            |  |           |  |            |  |               |  |       |  |        |  |     |  |
|  |  | APVD                                      |  | ZIF FPC 0.50mm PITCH, 2.0mm HEIGHT, SMT                                                                         |  |           |  |            |  |               |  |       |  |        |  |     |  |
|                                                                                       |  | PRODUCT SPEC                              |  |                                                                                                                 |  |           |  |            |  |               |  |       |  |        |  |     |  |
|                                                                                       |  | —                                         |  |                                                                                                                 |  |           |  |            |  |               |  |       |  |        |  |     |  |
|                                                                                       |  | QUALIFICATION TEST REPORT                 |  |                                                                                                                 |  |           |  |            |  |               |  |       |  |        |  |     |  |
|                                                                                       |  | —                                         |  |                                                                                                                 |  |           |  |            |  |               |  |       |  |        |  |     |  |
|                                                                                       |  | WEIGHT                                    |  | SIZE                                                                                                            |  | CAGE CODE |  | DRAWING NO |  | RESTRICTED TO |  |       |  |        |  |     |  |
|                                                                                       |  | —                                         |  | A3                                                                                                              |  | 00779     |  | C=1775333  |  | —             |  |       |  |        |  |     |  |
| MATERIAL                                                                              |  | FINISH                                    |  | CUSTOMER DRAWING                                                                                                |  |           |  |            |  |               |  | SCALE |  | SHEET  |  | REV |  |
| SEE NOTE                                                                              |  | SEE NOTE                                  |  |                                                                                                                 |  |           |  |            |  |               |  | —     |  | 3 of 4 |  | G   |  |

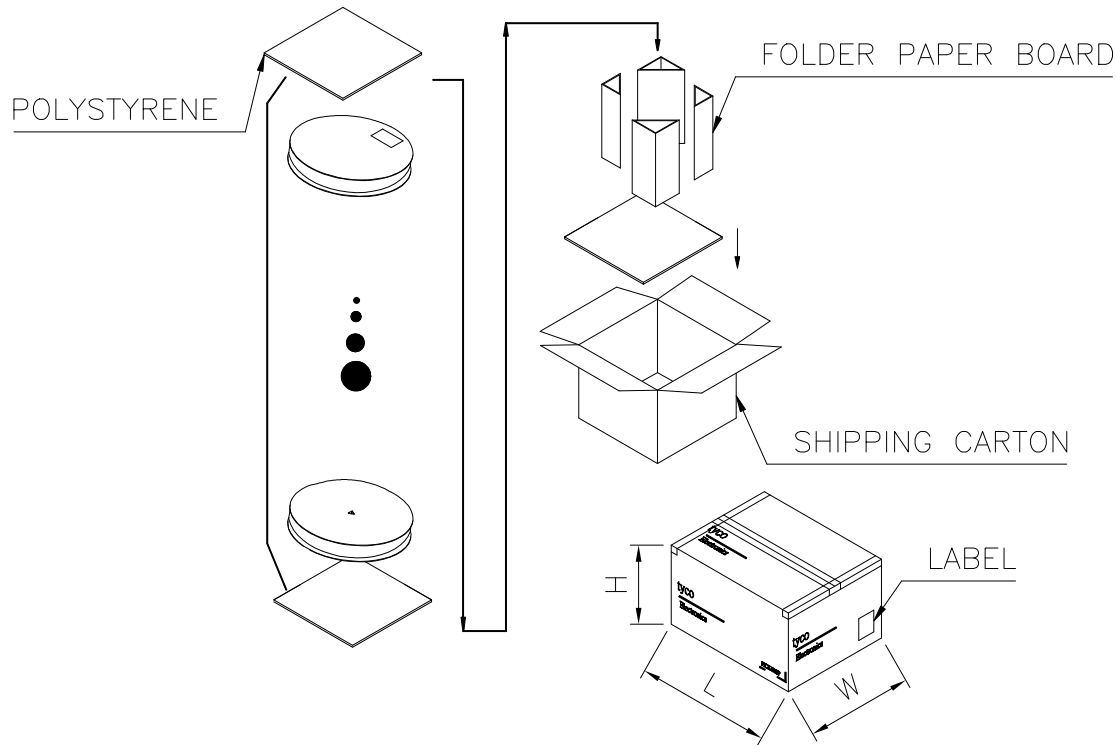
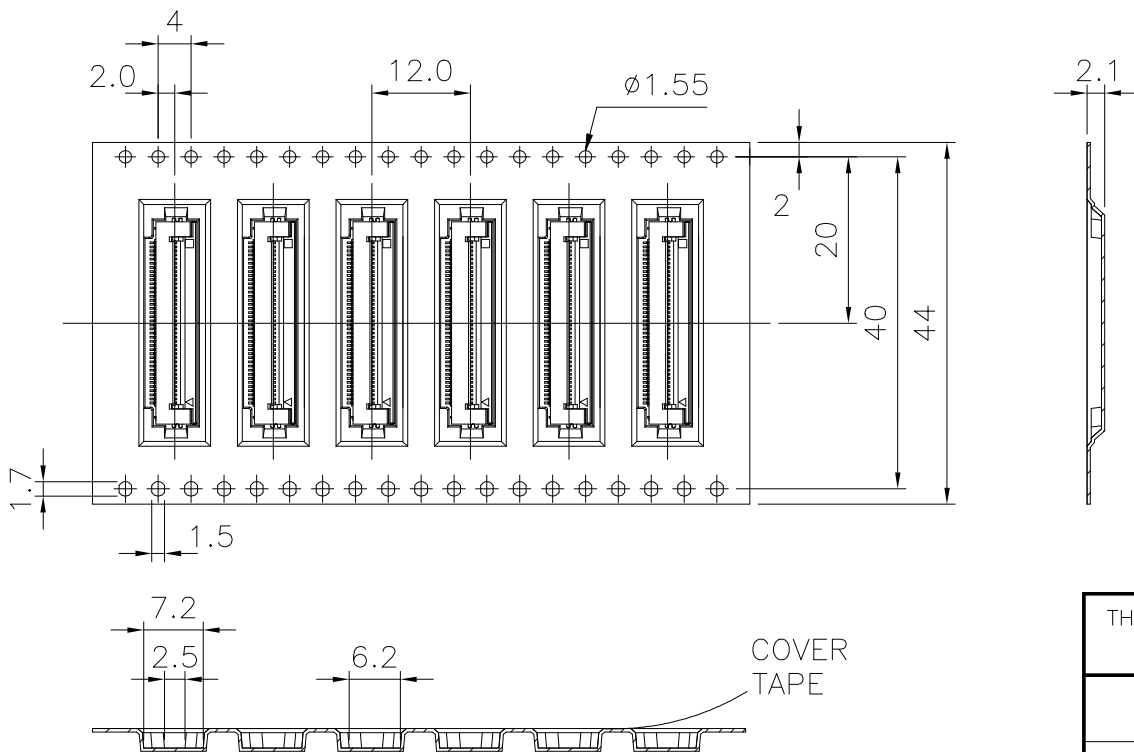
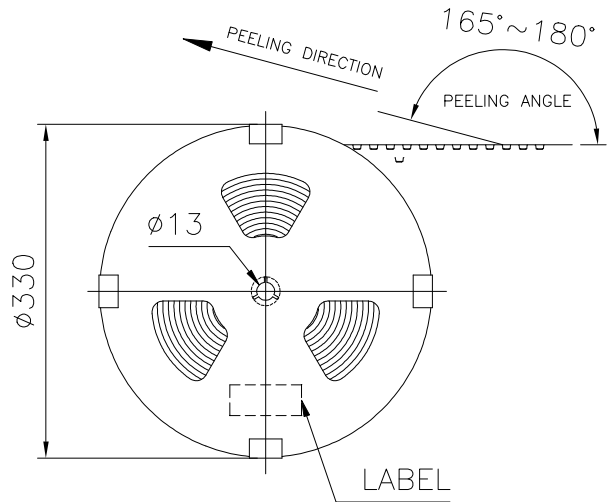
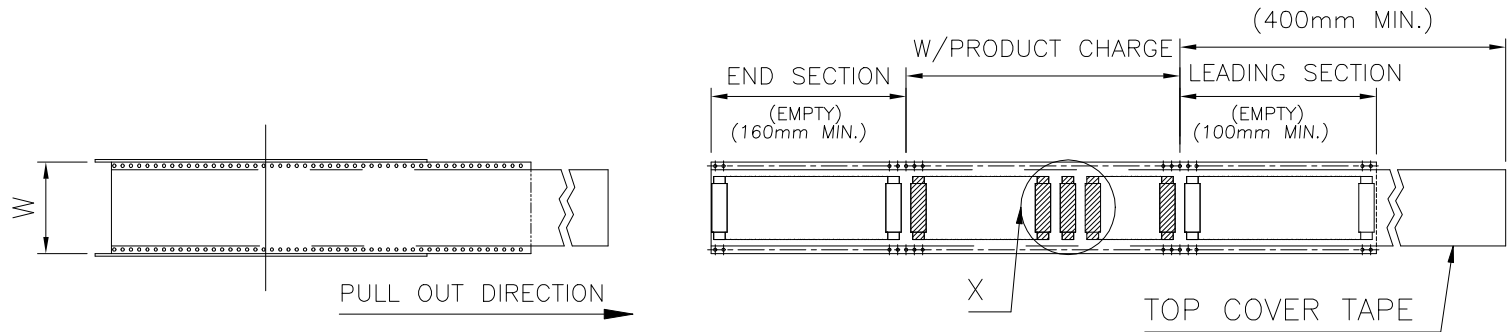
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| LOC | DIST | REVISIONS |     |              |      |      |
|-----|------|-----------|-----|--------------|------|------|
| DW  | —    | P         | LTR | DESCRIPTION  | DATE | DWN  |
|     |      |           |     | SEE SHEET 1. |      | APVD |



|               |             |                  |                |                 |       |
|---------------|-------------|------------------|----------------|-----------------|-------|
| 4.5~5.3       | 2.8~3.5     | 10,000           | 2000           | 56              | 51~56 |
| 4.4~5.6       | 2.3~3.5     | 12,000           | 2000           | 44              | 30~50 |
| 4.9~5.9       | 2.5~3.5     | 16,000           | 2000           | 32              | 21~29 |
| 4.5~6.5       | 1.5~3.5     | 20,000           | 2000           | 24              | 04~20 |
| GROSS WT.(KG) | NET WT.(KG) | APQ (PCS/CARTON) | PPQ (PCS/REEL) | REEL DIM.W (mm) | POS.  |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
MM

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± —  
1 PLC ± —  
2 PLC ± —  
3 PLC ± —  
4 PLC ± —  
ANGLES ± —

FINISH

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME

ZIF FPC 0.50mm PITCH, 2.0mm HEIGHT, SMT

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C=1775333

—

SCALE

SHEET

REV

—

4 OF 4

G