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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

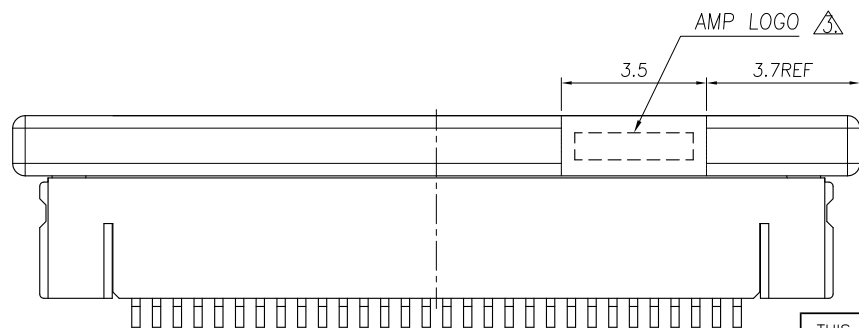
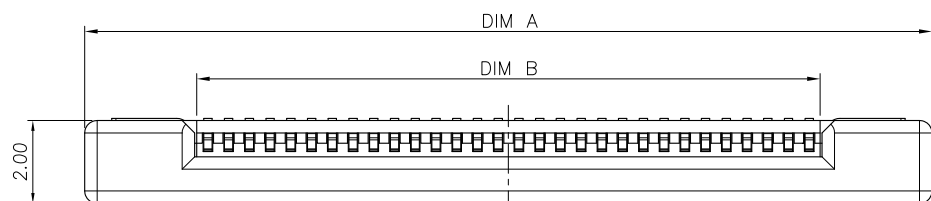
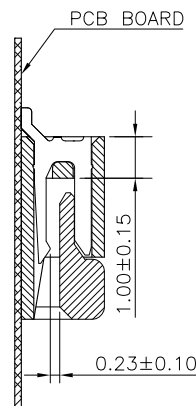
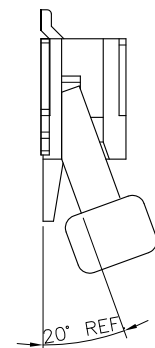
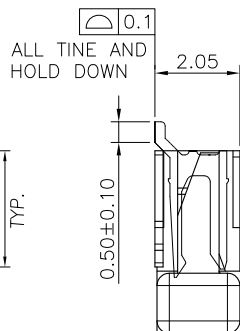
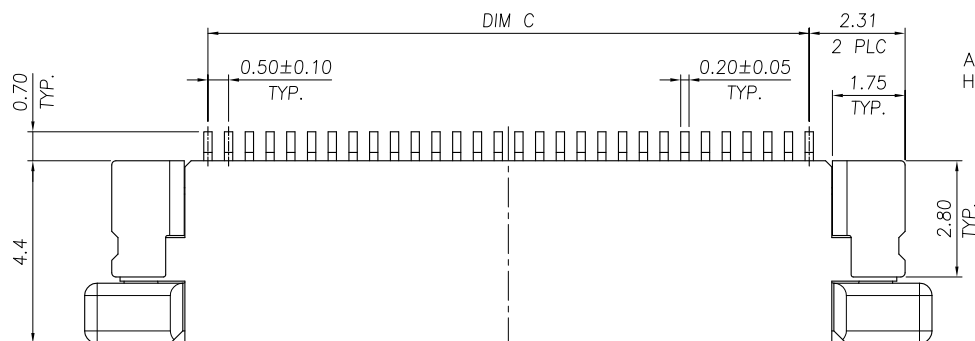
C

REVISED (ECR-13-003844)

04JUN13

JL

WK



## NOTE:

- MATERIAL:  
HOUSING: THERMOPLASTIC(LCP),  
UL 94V-0, COLOR: NATURE.  
ACTUATOR: THERMOPLASTIC, UL 94 V-0,  
COLOR: IVORY.  
HOLD DOWN: PHOSPHOR BRONZE.  
CONTACT: PHOSPHOR BRONZE.
- FINISH:  
CONTACT: GOLD FLASH OVER ALL,  
50u" MIN. NICKEL UNDERPLATED ALL OVER.  
HOLD DOWN: 100u" MIN. BRIGHT TIN PLATING OVER,  
50u" MIN. NICKEL UNDERPLATED ALL OVER.  
WITHOUT AMP LOGO FOR 12 POSITION UNDER

|            |       |       |      |             |
|------------|-------|-------|------|-------------|
| 24.50      | 25.60 | 30.43 | 50   | 5-1734592-0 |
| 24.00      | 25.10 | 29.93 | 49   | 4-1734592-9 |
| 23.50      | 24.60 | 29.43 | 48   | 4-1734592-8 |
| 23.00      | 24.10 | 28.93 | 47   | 4-1734592-7 |
| 22.50      | 23.60 | 28.43 | 46   | 4-1734592-6 |
| 22.00      | 23.10 | 27.63 | 45   | 4-1734592-5 |
| 21.50      | 22.60 | 27.43 | 44   | 4-1734592-4 |
| 21.00      | 22.10 | 26.93 | 43   | 4-1734592-3 |
| 20.50      | 21.60 | 26.43 | 42   | 4-1734592-2 |
| 20.00      | 21.10 | 25.93 | 41   | 4-1734592-1 |
| 19.50      | 20.60 | 25.43 | 40   | 4-1734592-0 |
| 19.00      | 20.10 | 24.93 | 39   | 3-1734592-9 |
| 18.50      | 19.60 | 24.43 | 38   | 3-1734592-8 |
| 18.00      | 19.10 | 23.93 | 37   | 3-1734592-7 |
| 17.50      | 18.60 | 23.43 | 36   | 3-1734592-6 |
| 17.00      | 18.10 | 22.93 | 35   | 3-1734592-5 |
| 16.50      | 17.60 | 22.43 | 34   | 3-1734592-4 |
| 16.00      | 17.10 | 21.93 | 33   | 3-1734592-3 |
| 15.50      | 16.60 | 21.43 | 32   | 3-1734592-2 |
| 15.00      | 16.10 | 20.93 | 31   | 3-1734592-1 |
| 14.50      | 15.60 | 20.43 | 30   | 3-1734592-0 |
| 14.00      | 15.10 | 19.93 | 29   | 2-1734592-9 |
| 13.50      | 14.60 | 19.43 | 28   | 2-1734592-8 |
| 13.00      | 14.10 | 18.93 | 27   | 2-1734592-7 |
| 12.50      | 13.60 | 18.43 | 26   | 2-1734592-6 |
| 12.00      | 13.10 | 17.93 | 25   | 2-1734592-5 |
| 11.50      | 12.60 | 17.43 | 24   | 2-1734592-4 |
| 11.00      | 12.10 | 16.93 | 23   | 2-1734592-3 |
| 10.50      | 11.60 | 16.43 | 22   | 2-1734592-2 |
| 10.00      | 11.10 | 15.93 | 21   | 2-1734592-1 |
| 9.50       | 10.60 | 15.43 | 20   | 2-1734592-0 |
| 9.00       | 10.10 | 14.93 | 19   | 1-1734592-9 |
| 8.50       | 9.60  | 14.43 | 18   | 1-1734592-8 |
| 8.00       | 9.10  | 13.93 | 17   | 1-1734592-7 |
| 7.50       | 8.60  | 13.43 | 16   | 1-1734592-6 |
| 7.00       | 8.10  | 12.93 | 15   | 1-1734592-5 |
| 6.50       | 7.60  | 12.43 | 14   | 1-1734592-4 |
| 6.00       | 7.10  | 11.93 | 13   | 1-1734592-3 |
| 5.50       | 6.60  | 11.43 | 12   | 1-1734592-2 |
| 5.00       | 6.10  | 10.93 | 11   | 1-1734592-1 |
| 4.50       | 5.60  | 10.43 | 10   | 1-1734592-0 |
| 4.00       | 5.10  | 9.93  | 09   | 0-1734592-9 |
| 3.50       | 4.60  | 9.43  | 08   | 0-1734592-8 |
| 3.00       | 4.10  | 8.93  | 07   | 0-1734592-7 |
| 2.50       | 3.60  | 8.43  | 06   | 0-1734592-6 |
| 2.00       | 3.10  | 7.93  | 05   | 0-1734592-5 |
| C          | B     | A     | POS. | PART NUMBER |
| DIMENSIONS |       |       |      |             |

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DWN

15APR2009

CHK

15APR2009

APVD

15APR2009

PRODUCT SPEC

108-57523

QUALIFICATION TEST REPORT

501-57598

WEIGHT

- GRAMS

CUSTOMER DRAWING

DIMENSIONS:

MM



MATERIAL

SEE NOTE

TOLERANCES UNLESS OTHERWISE SPECIFIED:

|        |        |
|--------|--------|
| 0 PLC  | ± -    |
| 1 PLC  | ± 0.35 |
| 2 PLC  | ± 0.25 |
| 3 PLC  | ± -    |
| 4 PLC  | ± -    |
| ANGLES | ± 3°   |

FINISH

SEE NOTE

DWN

15APR2009

CHK

15APR2009

APVD

15APR2009

PRODUCT SPEC

108-57523

QUALIFICATION TEST REPORT

501-57598

WEIGHT

- GRAMS

CUSTOMER DRAWING

STE

TE Connectivity

NAME

FPC CONNECTOR, 0.5mm PITCH, BOTTOM CONTACT, SMT TYPE.

SIZE

A3

CAGE CODE

00779

DRAWING NO

C=1734592

RESTRICTED TO

-

SCALE

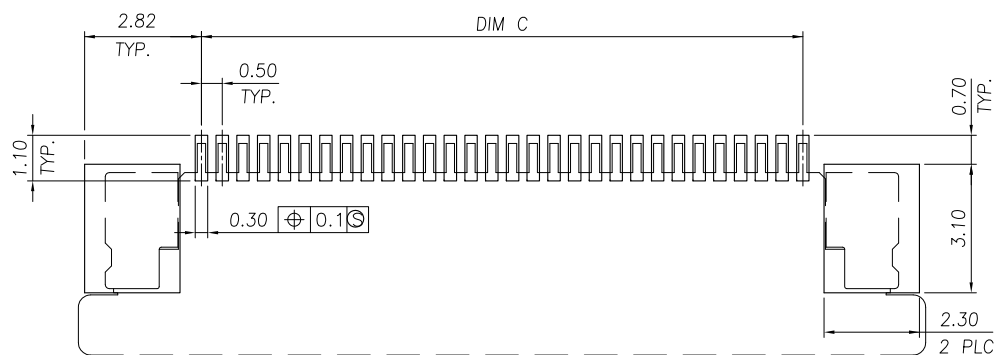
-

SHEET

1 OF 3

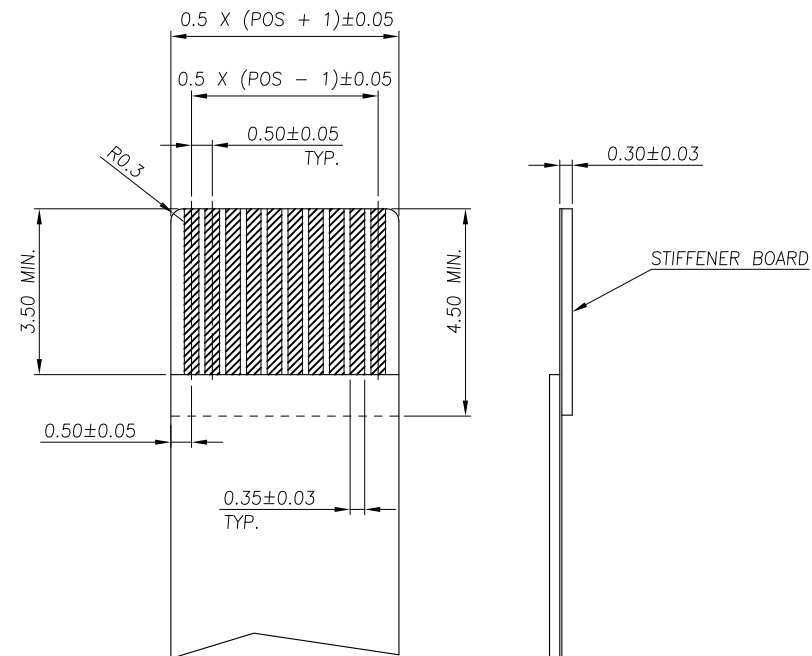
REV

C



RECOMMENDED PCB DIMENSIONS DIAGRAM

TOLERANCE  $\pm 0.05$



TOLERANCE  $\pm 0.05$

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|  |     |
|--|-----|
|  | DWN |
|--|-----|

CHK

APV

PRODUCT SPEC

APPLICATION SPEC

CUSTOMER DRAWING

DIMENSIONS:  
MM

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

|        |     |            |
|--------|-----|------------|
| 0      | PLC | $\pm -$    |
| 1      | PLC | $\pm 0.35$ |
| 2      | PLC | $\pm 0.25$ |
| 3      | PLC | $\pm -$    |
| 4      | PLC | $\pm -$    |
| ANGLES |     | $\pm$      |

|        |
|--------|
| ANGLES |
| FINISH |

| MATERIAL | QTY  | UNIT | PRICE | TOTAL |
|----------|------|------|-------|-------|
| 1000     | 100  | 100  | 100   | 100   |
| 2000     | 200  | 200  | 200   | 200   |
| 3000     | 300  | 300  | 300   | 300   |
| 4000     | 400  | 400  | 400   | 400   |
| 5000     | 500  | 500  | 500   | 500   |
| 6000     | 600  | 600  | 600   | 600   |
| 7000     | 700  | 700  | 700   | 700   |
| 8000     | 800  | 800  | 800   | 800   |
| 9000     | 900  | 900  | 900   | 900   |
| 10000    | 1000 | 1000 | 1000  | 1000  |
| 11000    | 1100 | 1100 | 1100  | 1100  |
| 12000    | 1200 | 1200 | 1200  | 1200  |
| 13000    | 1300 | 1300 | 1300  | 1300  |
| 14000    | 1400 | 1400 | 1400  | 1400  |
| 15000    | 1500 | 1500 | 1500  | 1500  |
| 16000    | 1600 | 1600 | 1600  | 1600  |
| 17000    | 1700 | 1700 | 1700  | 1700  |
| 18000    | 1800 | 1800 | 1800  | 1800  |
| 19000    | 1900 | 1900 | 1900  | 1900  |
| 20000    | 2000 | 2000 | 2000  | 2000  |
| 21000    | 2100 | 2100 | 2100  | 2100  |
| 22000    | 2200 | 2200 | 2200  | 2200  |
| 23000    | 2300 | 2300 | 2300  | 2300  |
| 24000    | 2400 | 2400 | 2400  | 2400  |
| 25000    | 2500 | 2500 | 2500  | 2500  |
| 26000    | 2600 | 2600 | 2600  | 2600  |
| 27000    | 2700 | 2700 | 2700  | 2700  |
| 28000    | 2800 | 2800 | 2800  | 2800  |
| 29000    | 2900 | 2900 | 2900  | 2900  |
| 30000    | 3000 | 3000 | 3000  | 3000  |
| 31000    | 3100 | 3100 | 3100  | 3100  |
| 32000    | 3200 | 3200 | 3200  | 3200  |
| 33000    | 3300 | 3300 | 3300  | 3300  |
| 34000    | 3400 | 3400 | 3400  | 3400  |
| 35000    | 3500 | 3500 | 3500  | 3500  |
| 36000    | 3600 | 3600 | 3600  | 3600  |
| 37000    | 3700 | 3700 | 3700  | 3700  |
| 38000    | 3800 | 3800 | 3800  | 3800  |
| 39000    | 3900 | 3900 | 3900  | 3900  |
| 40000    | 4000 | 4000 | 4000  | 4000  |
| 41000    | 4100 | 4100 | 4100  | 4100  |
| 42000    | 4200 | 4200 | 4200  | 4200  |
| 43000    | 4300 | 4300 | 4300  | 4300  |
| 44000    | 4400 | 4400 | 4400  | 4400  |
| 45000    | 4500 | 4500 | 4500  | 4500  |
| 46000    | 4600 | 4600 | 4600  | 4600  |
| 47000    | 4700 | 4700 | 4700  | 4700  |
| 48000    | 4800 | 4800 | 4800  | 4800  |
| 49000    | 4900 | 4900 | 4900  | 4900  |
| 50000    | 5000 | 5000 | 5000  | 5000  |
| 51000    | 5100 | 5100 | 5100  | 5100  |
| 52000    | 5200 | 5200 | 5200  | 5200  |
| 53000    | 5300 | 5300 | 5300  | 5300  |
| 54000    | 5400 | 5400 | 5400  | 5400  |
| 55000    | 5500 | 5500 | 5500  | 5500  |
| 56000    | 5600 | 5600 | 5600  | 5600  |
| 57000    | 5700 | 5700 | 5700  | 5700  |
| 58000    | 5800 | 5800 | 5800  | 5800  |
| 59000    | 5900 | 5900 | 5900  | 5900  |
| 60000    | 6000 | 6000 | 6000  | 6000  |
| 61000    | 6100 | 6100 | 6100  | 6100  |
| 62000    | 6200 | 6200 | 6200  | 6200  |
| 63000    | 6300 | 6300 | 6300  | 6300  |
| 64000    | 6400 | 6400 | 6400  | 6400  |
| 65000    | 6500 | 6500 | 6500  | 6500  |
| 66000    | 6600 | 6600 | 6600  | 6600  |
| 67000    | 6700 | 6700 | 6700  | 6700  |
| 68000    | 6800 | 6800 | 6800  | 6800  |
| 69000    | 6900 | 6900 | 6900  | 6900  |
| 70000    | 7000 | 7000 | 7000  | 7000  |
| 71000    | 7100 |      |       |       |



TE Connectivity

|  |      |
|--|------|
|  | NAME |
|--|------|

FPC CONNECTOR, 0.5mm PITCH, BOTTOM CONTACT,  
SMT TYPE.

|  |      |
|--|------|
|  | SIZE |
|--|------|

|           |
|-----------|
| CAGE CODE |
|-----------|

|   |            |
|---|------------|
| E | DRAWING NO |
|---|------------|

RESTRICTED TO

|       |
|-------|
| SCALE |
|-------|

SHEET

2 OF 3

|     |   |
|-----|---|
| REV | C |
|-----|---|

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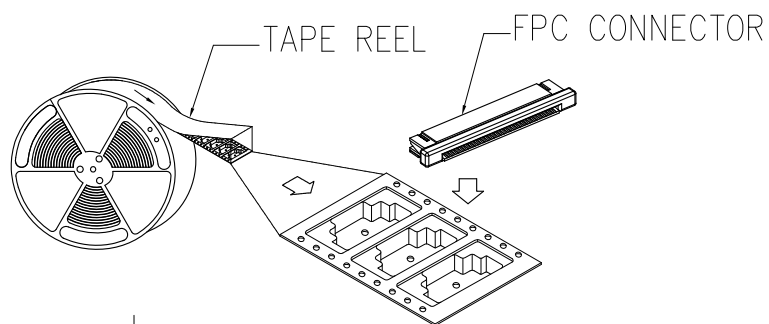
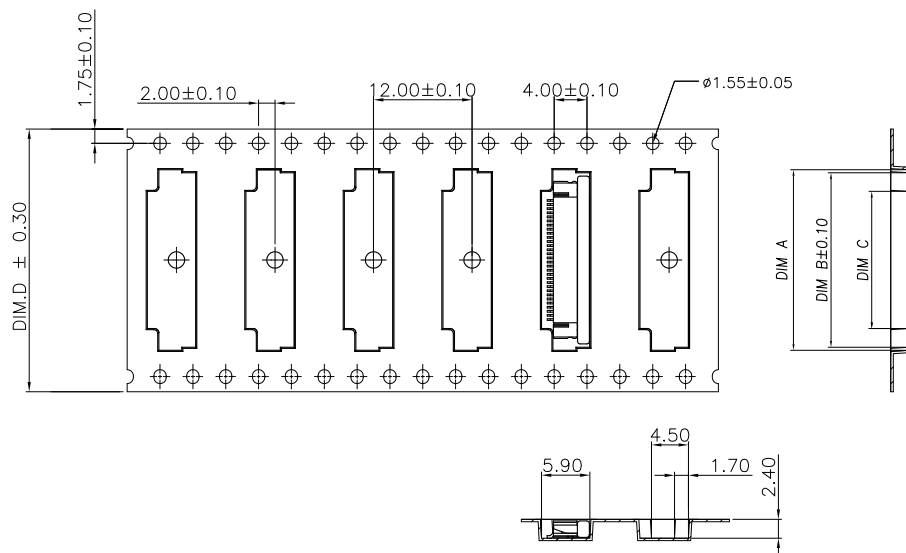
DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1.



NOTE :

1. TAPE REEL:  
DIAMETER: 13", THICKNESS : 0.35±0.05mm.
2. CARTON:  
SIZE: 350mm(L)X 350mm(W)X 340mm(H).

|                     |                   |            |       |       |       |      |
|---------------------|-------------------|------------|-------|-------|-------|------|
| 12000               | 2000              | 44.00      | 26.70 | 30.55 | 31.50 | 50   |
|                     |                   | 44.00      | 26.20 | 30.05 | 31.00 | 49   |
|                     |                   | 44.00      | 25.70 | 29.55 | 30.50 | 48   |
|                     |                   | 44.00      | 25.20 | 29.05 | 30.00 | 47   |
|                     |                   | 44.00      | 24.70 | 28.55 | 29.50 | 46   |
|                     |                   | 44.00      | 24.20 | 28.05 | 29.00 | 45   |
|                     |                   | 44.00      | 23.70 | 27.55 | 28.50 | 44   |
|                     |                   | 44.00      | 23.20 | 27.05 | 28.00 | 43   |
|                     |                   | 44.00      | 22.70 | 26.55 | 27.50 | 42   |
|                     |                   | 44.00      | 22.20 | 26.05 | 27.00 | 41   |
|                     |                   | 44.00      | 21.70 | 25.55 | 26.50 | 40   |
|                     |                   | 44.00      | 21.20 | 25.05 | 26.00 | 39   |
|                     |                   | 44.00      | 20.70 | 24.55 | 25.50 | 38   |
|                     |                   | 44.00      | 20.20 | 24.05 | 25.00 | 37   |
|                     |                   | 44.00      | 19.70 | 23.55 | 24.50 | 36   |
|                     |                   | 44.00      | 19.20 | 23.05 | 24.00 | 35   |
| 44.00               |                   | 18.70      | 22.55 | 23.50 | 34    |      |
| 44.00               |                   | 18.20      | 22.05 | 23.00 | 33    |      |
| 44.00               |                   | 17.70      | 21.55 | 22.50 | 32    |      |
| 44.00               |                   | 17.20      | 21.05 | 22.00 | 31    |      |
| 16000               |                   | 32.00      | 16.70 | 20.55 | 21.50 | 30   |
|                     |                   | 32.00      | 16.20 | 20.05 | 21.00 | 29   |
|                     |                   | 32.00      | 15.70 | 19.55 | 20.50 | 28   |
|                     |                   | 32.00      | 15.20 | 19.05 | 20.00 | 27   |
|                     |                   | 32.00      | 14.70 | 18.55 | 19.50 | 26   |
|                     |                   | 32.00      | 14.20 | 18.05 | 19.00 | 25   |
|                     |                   | 32.00      | 13.70 | 17.55 | 18.50 | 24   |
|                     |                   | 32.00      | 13.20 | 17.05 | 18.00 | 23   |
| 20000               |                   | 32.00      | 12.70 | 16.55 | 17.50 | 22   |
|                     |                   | 32.00      | 12.20 | 16.05 | 17.00 | 21   |
|                     |                   | 24.00      | 11.70 | 15.55 | 16.50 | 20   |
|                     |                   | 24.00      | 11.20 | 15.05 | 16.00 | 19   |
|                     |                   | 24.00      | 10.70 | 14.55 | 15.50 | 18   |
|                     |                   | 24.00      | 10.20 | 14.05 | 15.00 | 17   |
|                     |                   | 24.00      | 9.70  | 13.55 | 14.50 | 16   |
|                     |                   | 24.00      | 9.20  | 13.05 | 14.00 | 15   |
|                     |                   | 24.00      | 8.70  | 12.55 | 13.50 | 14   |
|                     |                   | 24.00      | 8.20  | 12.05 | 13.00 | 13   |
|                     |                   | 24.00      | 7.70  | 11.55 | 12.50 | 12   |
|                     |                   | 24.00      | 7.20  | 11.05 | 12.00 | 11   |
|                     |                   | 24.00      | 6.70  | 10.55 | 11.50 | 10   |
|                     |                   | 24.00      | 6.20  | 10.05 | 11.00 | 09   |
|                     |                   | 24.00      | 5.70  | 9.55  | 10.50 | 08   |
|                     |                   | 24.00      | 5.20  | 9.05  | 10.00 | 07   |
| 24.00               | 4.70              | 8.55       | 9.50  | 06    |       |      |
| 24.00               | 4.20              | 8.05       | 9.00  | 05    |       |      |
| APQ<br>(PCS/CARTON) | PPQ<br>(PCS/REEL) | D          | C     | B     | A     | POS. |
|                     |                   | DIMENSIONS |       |       |       |      |

|                                        |  |                  |                                                       |  |
|----------------------------------------|--|------------------|-------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN              | <b>STE</b> TE Connectivity                            |  |
| DIMENSIONS: MM                         |  | CHK              |                                                       |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | APVD             | NAME                                                  |  |
| 0 PLC ± -                              |  | PRODUCT SPEC     | FPC CONNECTOR, 0.5mm PITCH, BOTTOM CONTACT, SMT TYPE. |  |
| 1 PLC ± -                              |  | APPLICATION SPEC | SIZE CAGE CODE DRAWING NO                             |  |
| 2 PLC ± -                              |  | WEIGHT           | A3 00779 C=1734592                                    |  |
| 3 PLC ± -                              |  | CUSTOMER DRAWING | RESTRICTED TO                                         |  |
| 4 PLC ± -                              |  | SCALE            | SHEET 3 OF 3 REV C                                    |  |
| ANGLES ± -                             |  |                  |                                                       |  |
| FINISH                                 |  |                  |                                                       |  |
| MATERIAL                               |  |                  |                                                       |  |

# Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2-1734592-2](#)