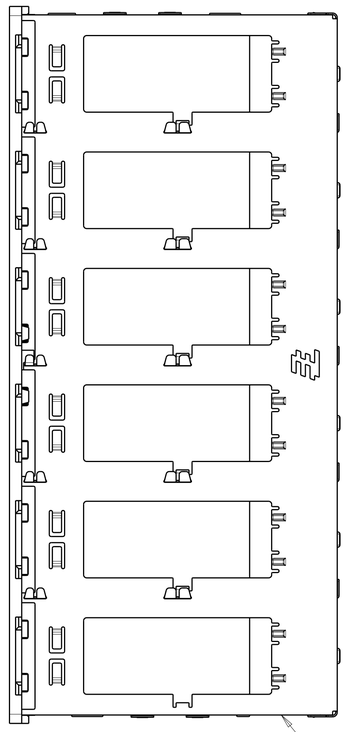
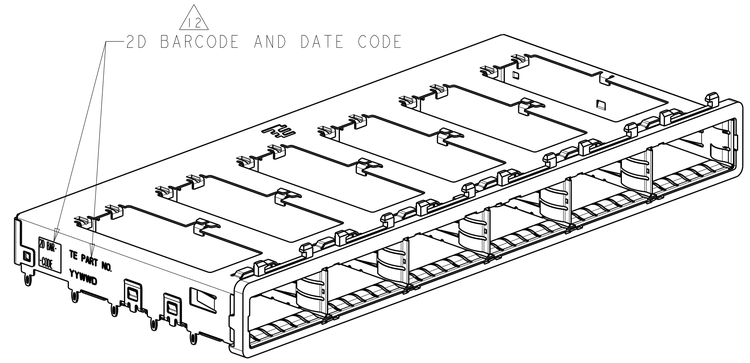
| LOC | DIST |
|---|---|
| GP | 00 |

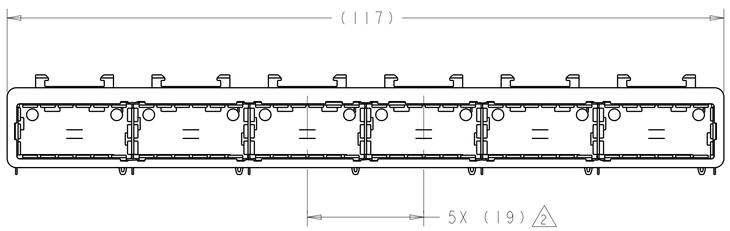
REVISIONS

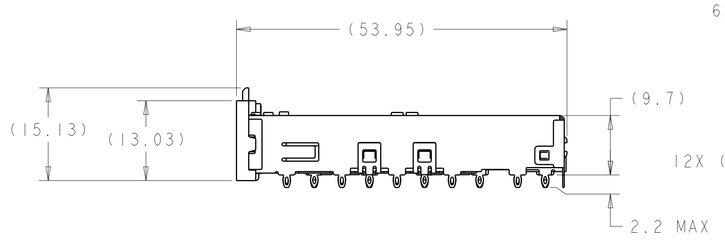
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | A | RELEASE PER ECO-16-002978 | 3MAR2016 | RG | SH |

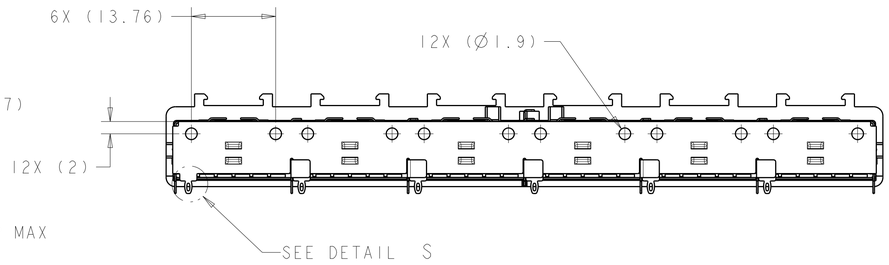
1. SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL S, CONTACT PC BOARD.
2. PITCH BETWEEN PORTS OF ONE 1X6 CAGE.
3. SPACING BETWEEN CAGES ON THE SAME PC BOARD. TO BE SPECIFIED BY CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSIONS SHOWN.
4. REFERENCE APPLICATION SPEC 114-13218 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
5. UNPLATED THRU HOLE.
6. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
7. DATUM A IS TOP SURFACE OF THE HOST BOARD.
8. DIMENSION C IS THE NOMINAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD. MINIMUM PC BOARD THICKNESS:
   SINGLE SIDED: 1.45mm
   DOUBLE SIDED: 2.2mm PER QSFP
9. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
10. BASELINE FOR THE DIMENSION IS CENTER OF COMPLIANT PIN HOLE.
11. LED ON HOST BOARD. QUANTITY, POSITION, AND GEOMETRY DEPENDS ON CHOICE OF LIGHT PIPES.
12. 2D BARCODE AND DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN.
13. REFERENCE APP SPEC 114-13218 FOR GASKET THICKNESS CALCULATION.
14. MATERIAL:
    CAGE ASSEMBLY: NICKEL SILVER, 0.25 THICK
    EMI SPRINGS: COPPER ALLOY
    FRONT FLANGE: ZINC ALLOY.
15. FINISH:
    EMI SPRINGS: 2um MINIMUM TIN
    FRONT FLANGE: 3um MINIMUM TIN OVER 1.27µm MINIMUM NICKEL OVER 5.08um MINIMUM COPPER.

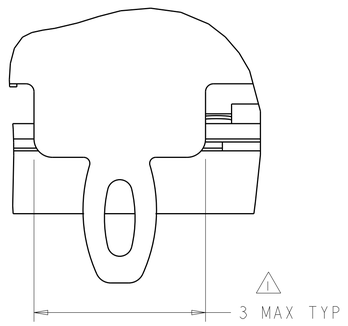



DETAIL S
SCALE 20:1

2143306-1
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.1
2 PLC ±0.1
3 PLC ±0.013
4 PLC ±0.0001
ANGLES ±-

MATERIAL 14
FINISH 15

DWN C. VALENTINE 27MAY2010
CHK J. PETERSON 27MAY2010
APVD J. PETERSON 27MAY2010
PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13218
WEIGHT -

TE Connectivity

NAME 1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPE BRACKET, QSFP

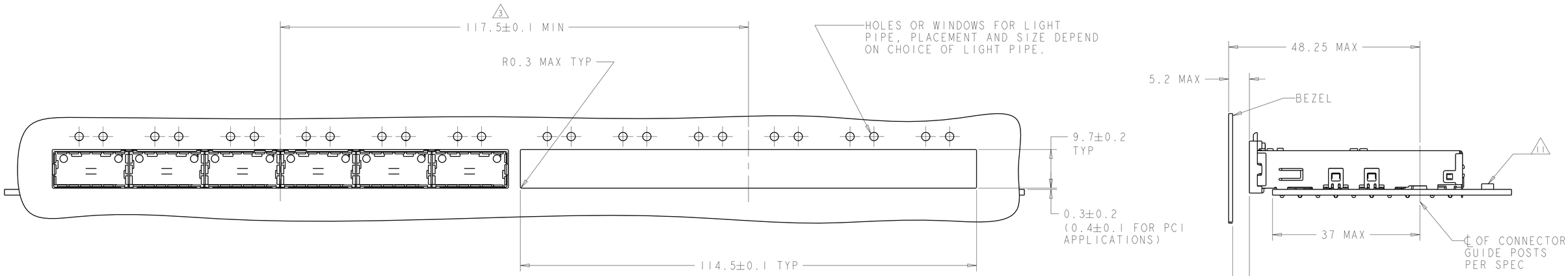
| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-2143306 | - |

CUSTOMER DRAWING | SCALE 2:1 | SHEET 1 OF 4 | REV A

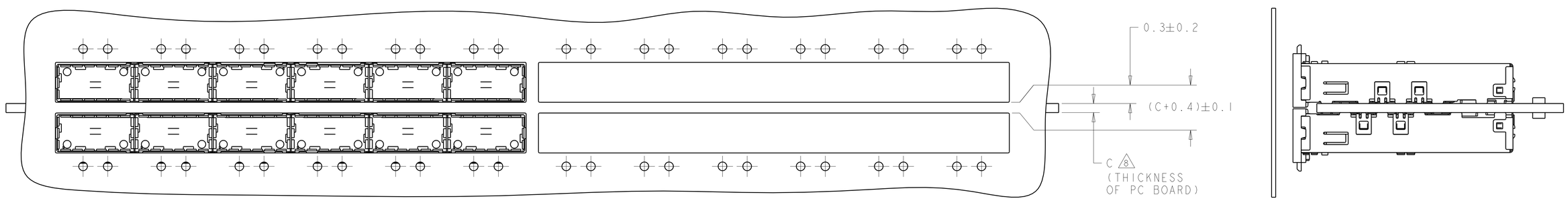
| LOC | DIST |
|---|---|
| GP | 00 |

REVISIONS

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




ONE SIDED CONFIGURATION
SCALE 2:1




BELLY TO BELLY CONFIGURATION SIMILAR
TO ONE SIDED EXCEPT WHERE NOTED
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.1
2 PLC ±0.1
3 PLC ±0.013
4 PLC ±0.0001
ANGLES ±-

MATERIAL - -
FINISH - -

DWN C. VALENTINE 27MAY2010
CHK J. PETERSON 27MAY2010
APVD J. PETERSON 27MAY2010

PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13218
WEIGHT -

TE Connectivity

NAME 1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPE BRACKET, QSFP

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-2143306 | - |

CUSTOMER DRAWING | SCALE 2:1 | SHEET 2 OF 4 | REV A

| LOC | DIST |
|---|---|
| GP | 00 |

REVISIONS

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

SEE DETAIL M

△4 Ø(1.05)
⌖ Ø0.1Ⓢ A X Y
U

△5 12X Ø1.55±0.05
⌖ Ø0.1Ⓜ A TⓈ UⓈ

△10 114.2 MAX

17.38 | 19 | 19 | 19 | 19 | 18.5

SEE DETAIL J

△1 △11

△7 AREA DENOTES COMPONENT KEEP-OUT (TRACES PERMITTED)

3X 4.5
6X 40.68
6X 37.7
12X 30.1
3X 9
4.5
△6 BSC
△6 X

△4 Ø(1.05)
⌖ Ø0.1Ⓢ A X Y
T

△6 BSC
1 MIN
6X 1.1
6X 17.9
6X 19

△6 Y

△4 39X Ø(1.05)
⌖ Ø0.1Ⓜ A TⓈ UⓈ

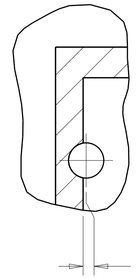
10.3 MAX
11.3 MIN
3X 9

3.4 MIN △3
℄ OF FINAL ROW OF HOLES TO ℄ OF FIRST ROW OF HOLES FOR NEXT ADJACENT CAGE.

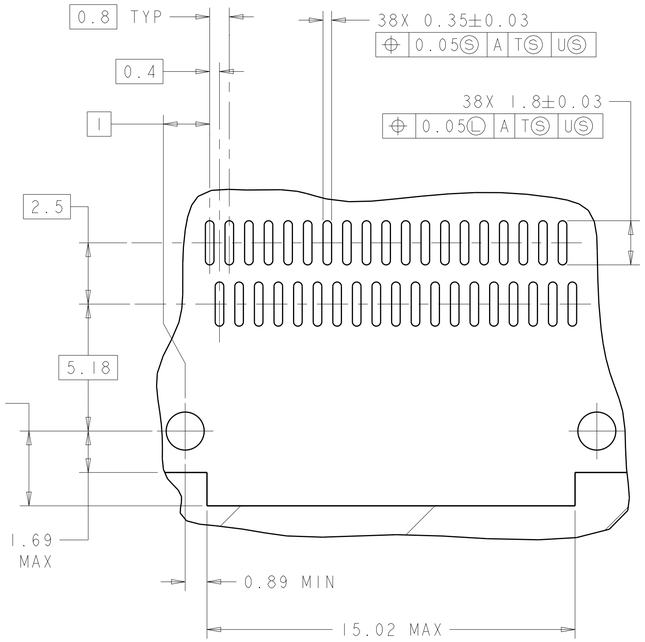
CROSS-HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASIS GROUND)

116 MIN

RECOMMENDED PC BOARD LAYOUT
SINGLE SIDE MOUNT CONFIGURATION
SCALE 3:1




DETAIL M
SCALE 10:1




DETAIL J
6 PLACES
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.1
2 PLC ±0.01
3 PLC ±0.013
4 PLC ±0.0001
ANGLES ±-

MATERIAL -
FINISH -

| | |
|---|---|
| DWN | C VALENTINE 27MAY2010 |
| CHK | J PETERSON 27MAY2010 |
| APVD | J PETERSON 27MAY2010 |
| PRODUCT SPEC | 108-2286 |
| APPLICATION SPEC | 114-13218 |
| WEIGHT | - |

TE Connectivity

NAME 1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPE BRACKET, QSFP

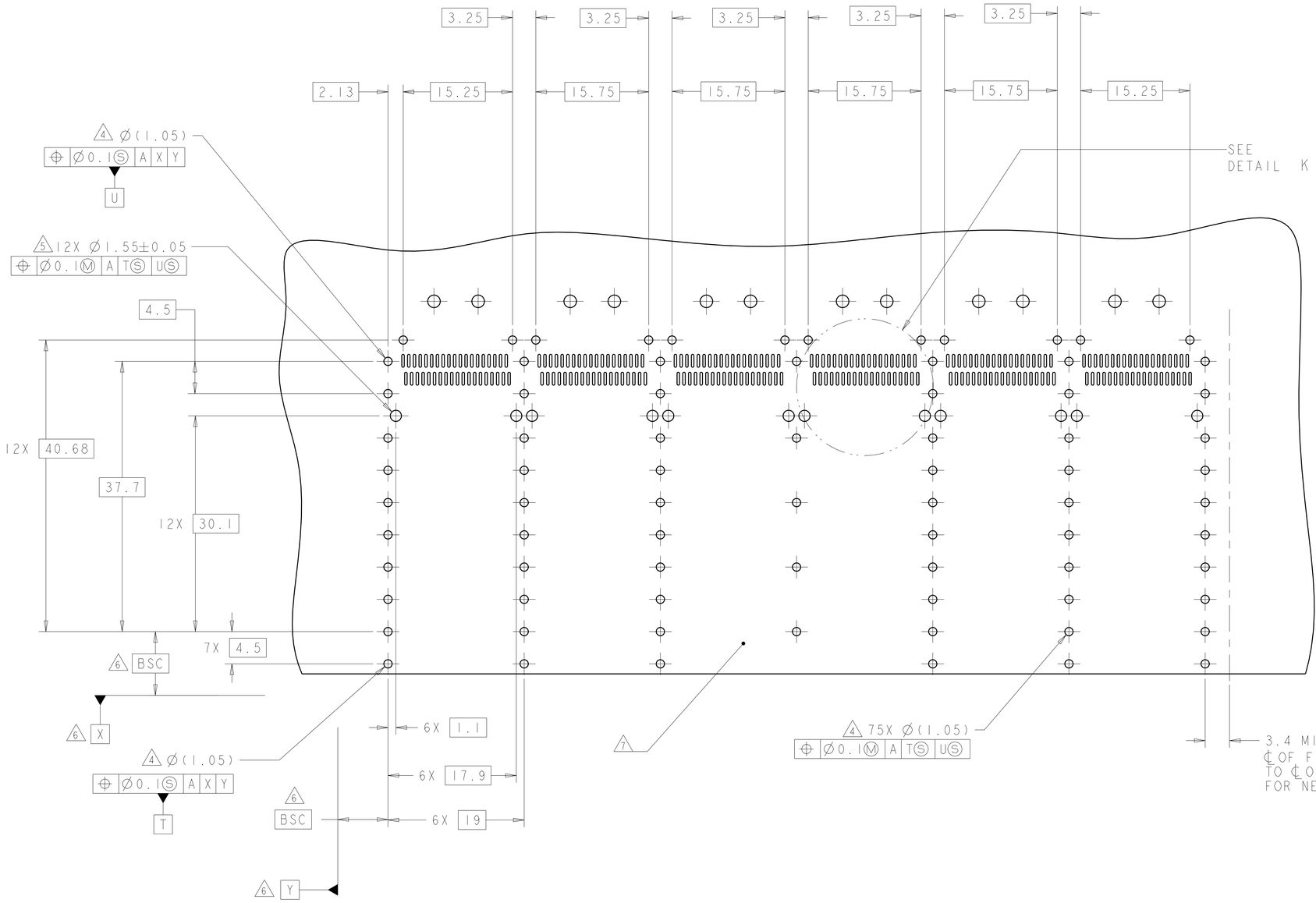
| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-2143306 | - |

CUSTOMER DRAWING | SCALE 2:1 | SHEET 3 OF 4 | REV A

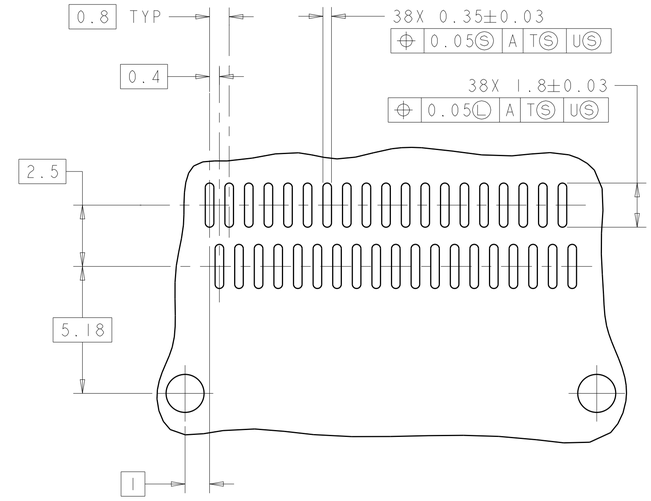
| LOC | DIST |
|---|---|
| GP | 00 |

REVISIONS

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




RECOMMENDED PC BOARD LAYOUT
BELLY TO BELLY CONFIGURATION
SEE SHEET 4 FOR COMPONENT AND TRACE KEEPOUTS
SCALE 3:1




DETAIL K
6 PLACES
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.1
2 PLC ±0.1
3 PLC ±0.013
4 PLC ±0.0001
ANGLES ±-

MATERIAL - -
FINISH - -

DWN C. VALENTINE 27MAY2010
CHK J. PETERSON 27MAY2010
APVD J. PETERSON 27MAY2010
PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13218
WEIGHT -

TE Connectivity

NAME 1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPE BRACKET, QSFP

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-2143306 | - |

CUSTOMER DRAWING | SCALE 2:1 | SHEET 4 OF 4 | REV A