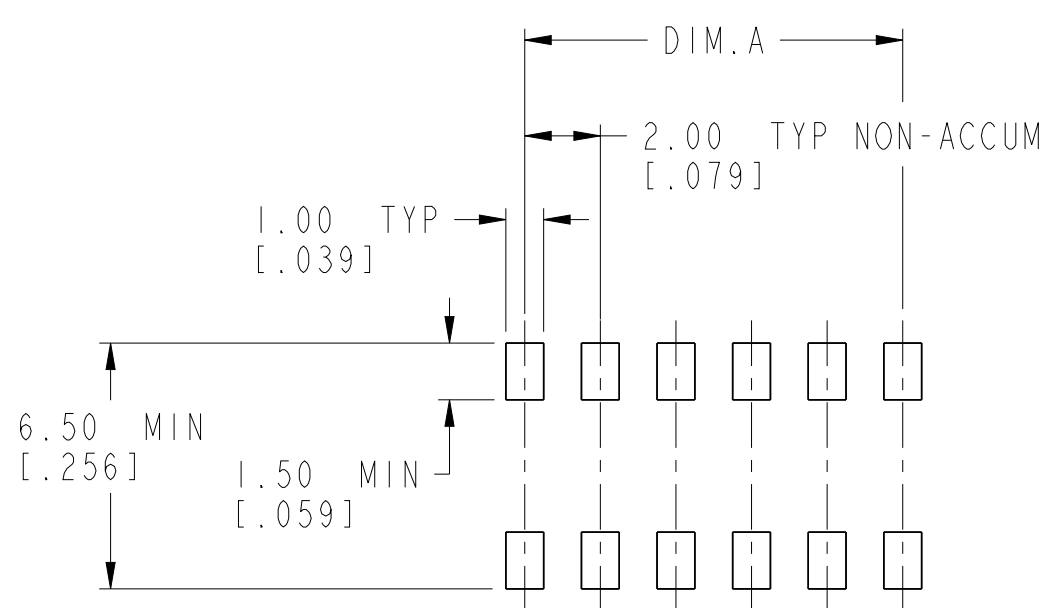
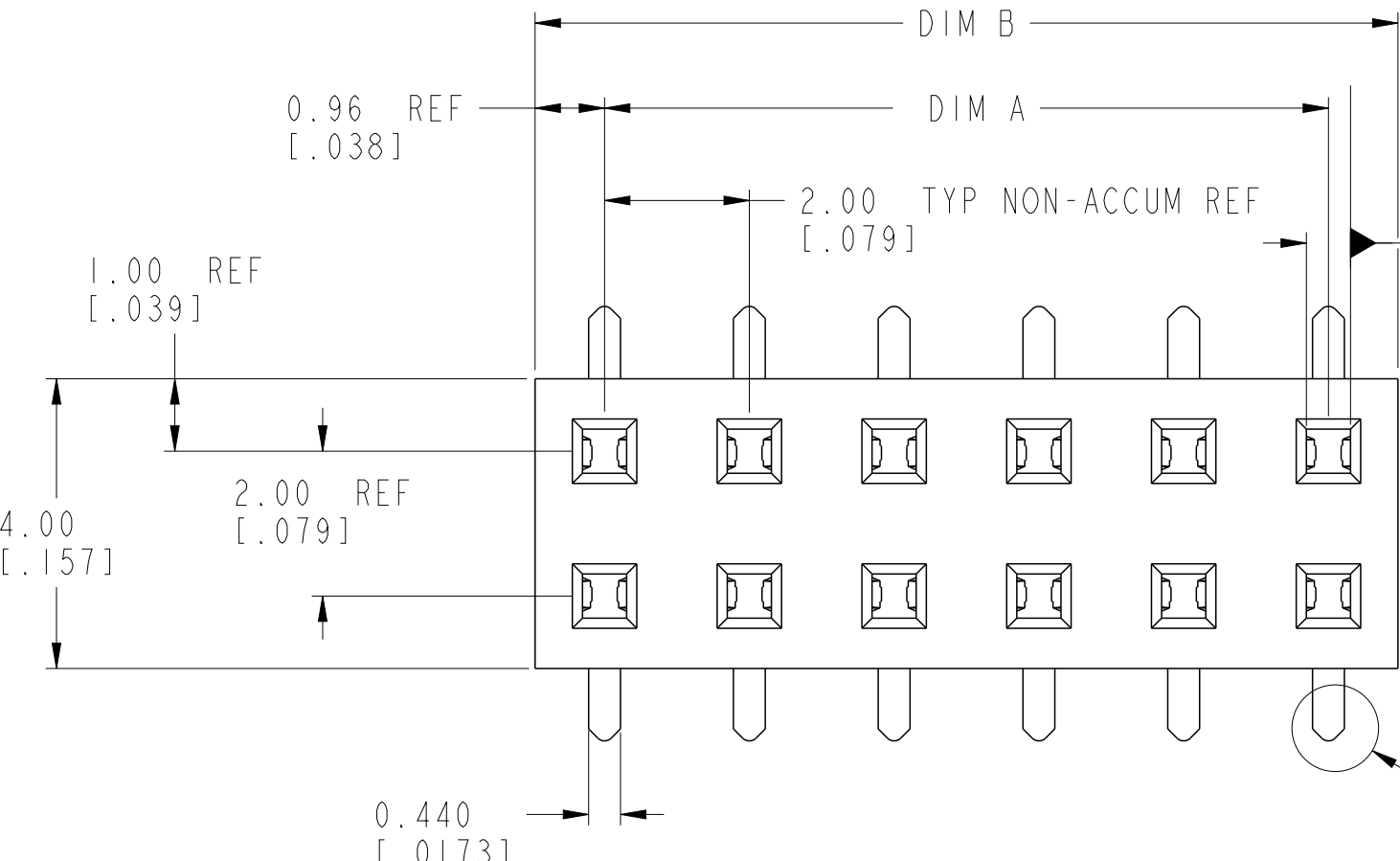
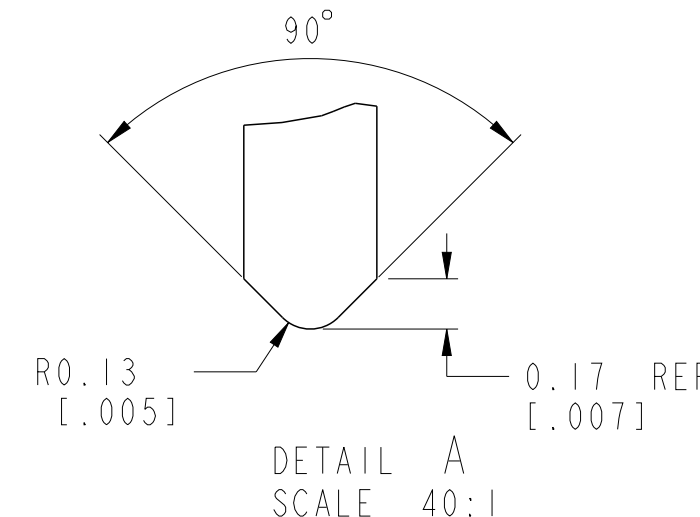
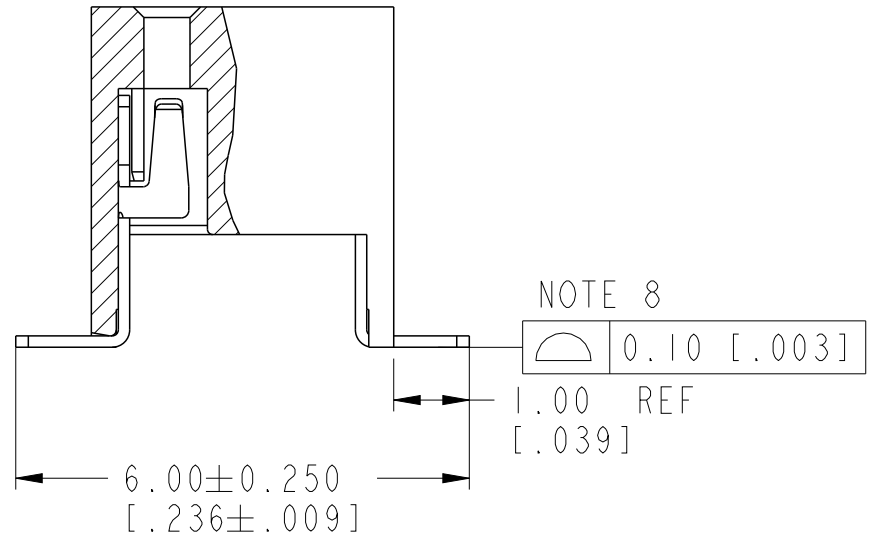
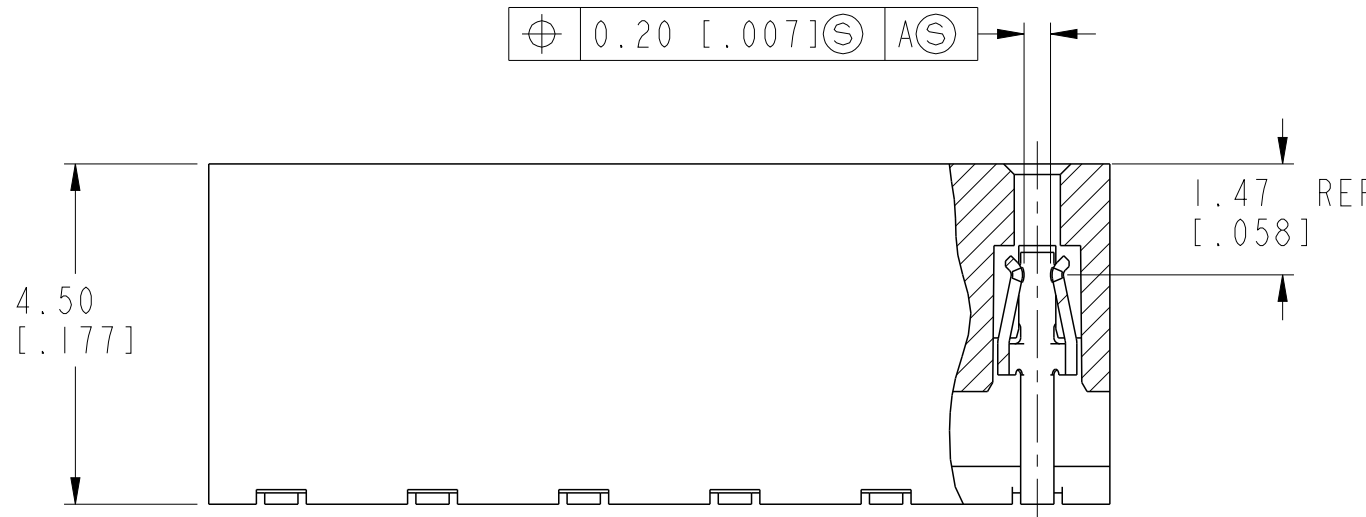




RECOMMENDED PCB LAYOUT

DETAIL A  
SEE NOTE 4



DETAIL A  
SCALE 40:1

|               |  |                                       |  |        |  |             |  |             |  |            |  |       |  |                        |  |                |  |               |  |       |  |      |  |
|---------------|--|---------------------------------------|--|--------|--|-------------|--|-------------|--|------------|--|-------|--|------------------------|--|----------------|--|---------------|--|-------|--|------|--|
| spec ref      |  | -                                     |  | dr     |  | Andrew Yong |  | 2010/10/14  |  | projection |  |       |  | MM / INCH              |  | size           |  | A3            |  | scale |  | 10:1 |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |        |  | eng         |  | Su-Hua Miao |  | 2013/01/01 |  |       |  |                        |  | ecn no         |  | ELX-N-13781-1 |  |       |  |      |  |
| ISO 406       |  |                                       |  |        |  | chr         |  | -           |  | -          |  |       |  |                        |  | rel level      |  | Released      |  |       |  |      |  |
| ISO 1101      |  |                                       |  |        |  | appr        |  | Rick Bian   |  | 2013/01/01 |  |       |  |                        |  | product family |  | LPVCC         |  |       |  |      |  |
| surface       |  |                                       |  | linear |  | 0.X         |  | ±0.3        |  |            |  | title |  | LPVCC                  |  | dwg no         |  | 55510         |  | rev   |  | H    |  |
|               |  |                                       |  | 0.XX   |  | ±0.13       |  |             |  |            |  |       |  |                        |  |                |  |               |  |       |  |      |  |
|               |  |                                       |  | 0.XXX  |  | ±0.051      |  |             |  |            |  |       |  |                        |  |                |  |               |  |       |  |      |  |
| ISO 1302      |  | angular                               |  | 0°     |  | ±2°         |  | www.fci.com |  | cat. no.   |  | -     |  | Product - Customer Drw |  | sheet 1 of 3   |  |               |  |       |  |      |  |



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D

| 1          |                         | 2                              |           |               | 3             | 4                                 |
|------------|-------------------------|--------------------------------|-----------|---------------|---------------|-----------------------------------|
| PRODUCT NO |                         | PRODUCT NO                     | POSITIONS | DIM. A        | DIM.B         | PLATING OPTIONS OVER CONTACT AREA |
| A          | 55510-X04<br>SEE NOTE 5 | 55510-X04LF<br>SEE NOTE 6 & 11 | 2 X 2     | 2.00 / .079   | 3.92 / .154   | 0 = 0.05um/2u"Au                  |
|            | 55510-X06               | 55510-X06LF                    | 2 X 3     | 4.00 / .158   | 5.92 / .233   | 1 = 0.76um/30u"Au                 |
|            | 55510-X08               | 55510-X08LF                    | 2 X 4     | 6.00 / .236   | 7.92 / .312   | 3 = 0.38um/15u"Au                 |
|            | 55510-X10               | 55510-X10LF                    | 2 X 5     | 8.00 / .315   | 9.92 / .391   | 5 = 2.54um/100u"100% MATTE TIN    |
|            | 55510-X12               | 55510-X12LF                    | 2 X 6     | 10.00 / .394  | 11.92 / .469  | 7 = 0.76um/30u"GXT                |
|            | 55510-X14               | 55510-X14LF                    | 2 X 7     | 12.00 / .472  | 13.92 / .548  | 8 = 0.38um/15u"GXT                |
|            | 55510-X16               | 55510-X16LF                    | 2 X 8     | 14.00 / .551  | 15.92 / .627  |                                   |
|            | 55510-X18               | 55510-X18LF                    | 2 X 9     | 16.00 / .630  | 17.92 / .706  |                                   |
|            | 55510-X20               | 55510-X20LF                    | 2 X 10    | 18.00 / .709  | 19.92 / .784  |                                   |
|            | 55510-X22               | 55510-X22LF                    | 2 X 11    | 20.00 / .787  | 21.92 / .863  |                                   |
| B          | 55510-X24               | 55510-X24LF                    | 2 X 12    | 22.00 / .866  | 23.92 / .942  |                                   |
|            | 55510-X26               | 55510-X26LF                    | 2 X 13    | 24.00 / .945  | 25.92 / 1.020 |                                   |
|            | 55510-X28               | 55510-X28LF                    | 2 X 14    | 26.00 / 1.024 | 27.92 / 1.099 |                                   |
|            | 55510-X30               | 55510-X30LF                    | 2 X 15    | 28.00 / 1.102 | 29.92 / 1.178 |                                   |
|            | 55510-X32               | 55510-X32LF                    | 2 X 16    | 30.00 / 1.181 | 31.92 / 1.257 |                                   |
|            | 55510-X34               | 55510-X34LF                    | 2 X 17    | 32.00 / 1.260 | 33.92 / 1.335 |                                   |
|            | 55510-X36               | 55510-X36LF                    | 2 X 18    | 34.00 / 1.339 | 35.92 / 1.414 |                                   |
|            | 55510-X38               | 55510-X38LF                    | 2 X 19    | 36.00 / 1.417 | 37.92 / 1.493 |                                   |
|            | 55510-X40               | 55510-X40LF                    | 2 X 20    | 38.00 / 1.496 | 39.92 / 1.572 |                                   |
|            | 55510-X42               | 55510-X42LF                    | 2 X 21    | 40.00 / 1.575 | 41.92 / 1.650 |                                   |
| C          | 55510-X44               | 55510-X44LF                    | 2 X 22    | 42.00 / 1.654 | 43.92 / 1.729 |                                   |
|            | 55510-X46               | 55510-X46LF                    | 2 X 23    | 44.00 / 1.732 | 45.92 / 1.808 |                                   |
|            | 55510-X48               | 55510-X48LF                    | 2 X 24    | 46.00 / 1.811 | 47.92 / 1.887 |                                   |
|            | 55510-X50<br>SEE NOTE 5 | 55510-X50LF<br>SEE NOTE 6 & 11 | 2 X 25    | 48.00 / 1.890 | 49.92 / 1.965 |                                   |
|            |                         |                                |           |               |               |                                   |
|            |                         |                                |           |               |               |                                   |
|            |                         |                                |           |               |               |                                   |
|            |                         |                                |           |               |               |                                   |
|            |                         |                                |           |               |               |                                   |
|            |                         |                                |           |               |               |                                   |
| D          |                         |                                |           |               |               |                                   |
|            |                         |                                |           |               |               |                                   |
|            |                         |                                |           |               |               |                                   |
|            |                         |                                |           |               |               |                                   |
|            |                         |                                |           |               |               |                                   |
|            |                         |                                |           |               |               |                                   |
|            |                         |                                |           |               |               |                                   |
|            |                         |                                |           |               |               |                                   |
|            |                         |                                |           |               |               |                                   |
|            |                         |                                |           |               |               |                                   |

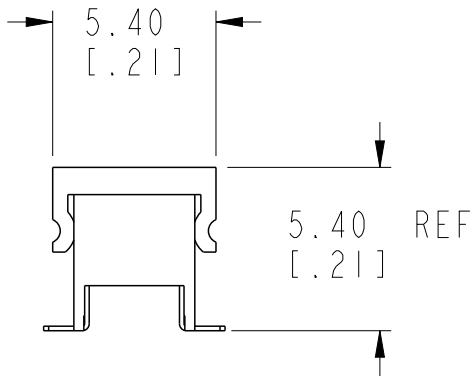
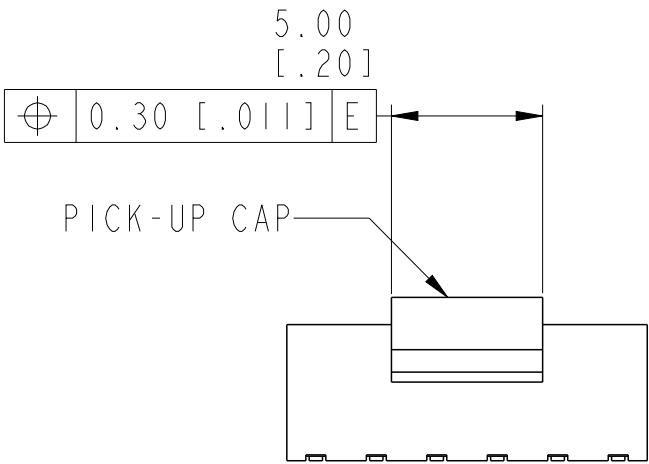
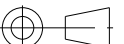


FIG 1  
NOTE 7(b)

|                                                                                       |             |            |                                                                                                                        |                                                                                                                       |           |                        |               |              |     |  |
|---------------------------------------------------------------------------------------|-------------|------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------|------------------------|---------------|--------------|-----|--|
| dr                                                                                    | Andrew Yong | 2010/10/14 | <div>projection</div> <div></div> | <div>MM / INCH</div> <div></div> | size      | A3                     | scale         | 10:1         |     |  |
| eng                                                                                   | Su-Hua Miao | 2013/01/01 |                                                                                                                        |                                                                                                                       | ecn no    |                        | ELX-N-13781-1 |              |     |  |
| chr                                                                                   | -           | -          |                                                                                                                        |                                                                                                                       | rel level |                        | Released      |              |     |  |
| appr                                                                                  | Rick Bian   | 2013/01/01 | product family                                                                                                         |                                                                                                                       | LPVCC     |                        |               |              |     |  |
|  | title       |            | LPVCC                                                                                                                  |                                                                                                                       | dwg no    |                        | 55510         |              | rev |  |
|                                                                                       |             |            |                                                                                                                        |                                                                                                                       |           |                        |               |              |     |  |
| www.fci.com                                                                           |             | cat. no.   |                                                                                                                        | -                                                                                                                     |           | Product - Customer Drw |               | sheet 2 of 3 |     |  |

NOTES:

1. HOUSING MATERIAL : HIGH TEMP PLASTIC.

2. TERMINAL MATERIAL : PHOSPHOR BRONZE.

3. TERMINAL RETENTION 0.5Kg/1.1 Lbs

④ 'V' CUT OPTIONAL - MANUFACTURING PROCESS OPTION.

⑤ USE TIN/LEAD PLATED SOLDER TAILS.

⑥ USE 100% MATTE TIN PLATED SOLDER TAILS

⑦ PRODUCT DESCRIPTION CODE:

XXXXX-X XXLF

LEAD FREE (SEE NOTE 6 & 11)

TOTAL POSITIONS

PLATING AT CONTACT AREA

BASE NUMBER

⑧ PACKAGING:

(a) XXXXX-XXX

---STD PACKAGING IN TUBE.

(b) XXXXX-XXXTR

---TAPE AND REEL PACKAGING WITH  
PICK-UP CAP. (FIG 1)

(c) XXXXX-XXXTRN

---TAPE AND REEL PACKAGING WITHOUT  
PICK-UP CAP.

9. CO-PLANARITY:  
FROM POSITION

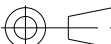
- X04 THRU -X38 : 0.10 / .004

- X40 THRU -X50 : 0.12 / .005

10. PRODUCT SPECIFICATION: GS-12-008

11. THE HOUSING WILL WITHSTAND EXPOSURE TO 255°C PEAK  
TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED  
OR VAPOR PHASE REFLOW OVEN.

⑫ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER  
COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

|                                                                                       |             |            |                                                                                                     |                                                                                                    |        |               |                        |      |
|---------------------------------------------------------------------------------------|-------------|------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------|---------------|------------------------|------|
| dr                                                                                    | Andrew Yong | 2010/10/14 | projection<br> | MM / INCH<br> | size   | A3            | scale                  | 10:1 |
| eng                                                                                   | Su-Hua Miao | 2013/01/01 |                                                                                                     |                                                                                                    | ecn no | ELX-N-13781-1 |                        |      |
| chr                                                                                   | -           | -          |                                                                                                     |                                                                                                    |        | rel level     |                        |      |
| appr                                                                                  | Rick Bian   | 2013/01/01 | product family                                                                                      |                                                                                                    | LPVCC  | Released      |                        |      |
|  |             |            | title                                                                                               |                                                                                                    | LPVCC  |               | rev                    |      |
|                                                                                       |             |            | 4.5 TOP ENTRY SMT ASSY                                                                              |                                                                                                    | dwg no |               | 55510                  |      |
|                                                                                       |             |            |                                                                                                     |                                                                                                    |        |               | H                      |      |
| www.fci.com                                                                           |             |            | cat. no.                                                                                            |                                                                                                    | -      |               | Product - Customer Drw |      |
|                                                                                       |             |            |                                                                                                     |                                                                                                    |        |               | sheet 3 of 3           |      |