



A

B

C

D

| PRODUCT NO              | PRODUCT NO                     | POSITIONS | DIM. A        | DIM.B         |
|-------------------------|--------------------------------|-----------|---------------|---------------|
| 55510-X04<br>SEE NOTE 5 | 55510-X04LF<br>SEE NOTE 6 & 11 | 2 X 2     | 2.00 / .079   | 3.92 / .154   |
| 55510-X06               | 55510-X06LF                    | 2 X 3     | 4.00 / .158   | 5.92 / .233   |
| 55510-X08               | 55510-X08LF                    | 2 X 4     | 6.00 / .236   | 7.92 / .312   |
| 55510-X10               | 55510-X10LF                    | 2 X 5     | 8.00 / .315   | 9.92 / .391   |
| 55510-X12               | 55510-X12LF                    | 2 X 6     | 10.00 / .394  | 11.92 / .469  |
| 55510-X14               | 55510-X14LF                    | 2 X 7     | 12.00 / .472  | 13.92 / .548  |
| 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  |
| 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 |
| 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 |

| PLATING OPTIONS OVER CONTACT AREA |
|-----------------------------------|
| 0 = 0.05um/2u"Au                  |
| 1 = 0.76um/30u"Au                 |
| 3 = 0.38um/15u"Au                 |
| 5 = 2.54um/100u"100% MATTE TIN    |
| 7 = 0.76um/30u"GXT                |
| 8 = 0.38um/15u"GXT                |

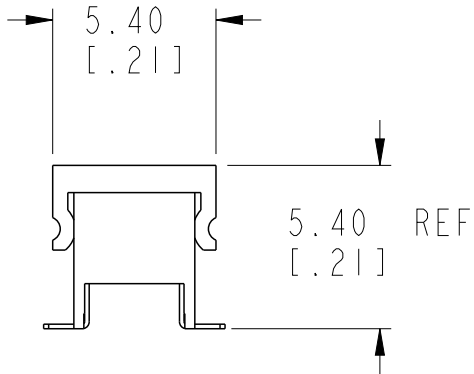
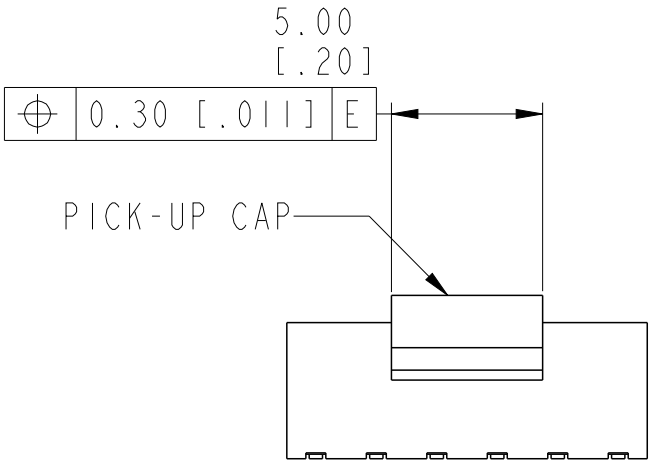


FIG 1  
NOTE 7(b)

|               |                                       |       |               |                 |                        |           |                        |    |       |               |
|---------------|---------------------------------------|-------|---------------|-----------------|------------------------|-----------|------------------------|----|-------|---------------|
| spec ref      | -                                     | dr    | Andrew Yong   | 2010/10/14      | projection             | MM / INCH | size                   | A3 | scale | 10:1          |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng   | Laurence Zang | 2016/04/28      |                        |           | ecn no                 |    |       | ELX-N-23950-1 |
| ISO 406       |                                       | chr   | -             | -               |                        |           | rel level              |    |       | Released      |
| ISO 1101      |                                       | appr  | Tim Yao       | 2016/04/28      |                        |           | product family         |    |       | LPVCC         |
| surface       | linear                                | 0.X   | ±0.3          | Amphenol<br>FCi | 4.5 TOP ENTRY SMT ASSY | dwg no    | 55510                  |    |       | rev<br>J      |
|               |                                       | 0.XX  | ±0.13         |                 |                        |           |                        |    |       |               |
|               |                                       | 0.XXX | ±0.051        |                 |                        |           |                        |    |       |               |
| ISO 1302      | angular                               | 0°    | ±2°           | 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

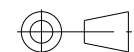
LEAD FREE (SEE NOTE 6 & 11)

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.
- (d) XXXXX-XXXTRS ---TAPE AND REEL PACKAGING WITHOUT PICK-UP CAP. (SOLDERTAILS ON TOP)
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.

|               |  |                                       |  |      |  |               |  |              |  |                                                                                       |  |                                                                                       |  |                        |  |               |  |           |  |          |  |       |  |        |  |
|---------------|--|---------------------------------------|--|------|--|---------------|--|--------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|------------------------|--|---------------|--|-----------|--|----------|--|-------|--|--------|--|
| spec ref      |  | -                                     |  | dr   |  | Andrew Yong   |  | 2010/10/14   |  | projection                                                                            |  | MM / INCH                                                                             |  | size                   |  | A3            |  | scale     |  | 10:1     |  |       |  |        |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  | eng  |  | Laurence Zang |  | 2016/04/28   |  |  |  |  |  | ecn no                 |  | ELX-N-23950-1 |  |           |  |          |  |       |  |        |  |
| ISO 406       |  |                                       |  | chr  |  | -             |  | -            |  |                                                                                       |  |                                                                                       |  | product family         |  | LPVCC         |  | rel level |  | Released |  |       |  |        |  |
| ISO 1101      |  |                                       |  | appr |  | Tim Yao       |  | 2016/04/28   |  |                                                                                       |  |                                                                                       |  |                        |  |               |  |           |  |          |  |       |  |        |  |
| surface       |  | linear                                |  | 0.X  |  | ±0.3          |  | Amphenol FCI |  | title                                                                                 |  | 4.5 TOP ENTRY SMT ASSY                                                                |  | dwg no                 |  | 55510         |  | rev       |  | J        |  |       |  |        |  |
|               |  |                                       |  |      |  |               |  |              |  |                                                                                       |  |                                                                                       |  |                        |  |               |  |           |  |          |  | 0.XX  |  | ±0.13  |  |
|               |  |                                       |  |      |  |               |  |              |  |                                                                                       |  |                                                                                       |  |                        |  |               |  |           |  |          |  | 0.XXX |  | ±0.051 |  |
| ISO 1302      |  | angular                               |  | 0°   |  | ±2°           |  | www.fci.com  |  | cat. no.                                                                              |  | -                                                                                     |  | Product - Customer Drw |  | sheet 3 of 3  |  |           |  |          |  |       |  |        |  |