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|--------------------|----------|---------------------------------------|------------------|------------|-----------|
| www.fciconnect.com | | surface - | tolerance std | projection | MM / INCH |
| | | ISO 1302 | ISO 406 ISO 1101 | MM / INCH | |
| | | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | |
| Dr | JPEH | 2002-07-19 | ANGULAR | size | A3 |
| Eng | JPEH | 2002-07-19 | LINEAR | Scale | 10:1 |
| Chr | KH LEE | 2010-03-24 | 0° ± 2° | ECN | S10-0064 |
| Appr | JOEY NG | 2010-03-24 | Product family | LPVCC | Spec ref |
| rev | ecn no | dr | date | dwg no | 55510 |
| A | S10103 | JPEH | 2001-07-31 | Rev. | G |
| B | S10139 | JPEH | 2001-10-03 | | |
| C | S20092 | JPEH | 2002-07-19 | | |
| D | S04-0252 | KBM | 2004-11-26 | | |
| E | S06-0278 | KBM | 2005-01-10 | | |
| F | S07-0199 | KHL | 2007-06-11 | | |
| G | S10-0064 | KHL | 2010-03-24 | | |

| PRODUCT NO | PRODUCT NO | POSITIONS | DIM. A | DIM. B |
|---------------------------|----------------------------------|-----------|---------------|---------------|
| 55510-X04 SEE NOTE 5 ▲ | 55510-X04LF 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 SEE NOTE 5 ▼ | 55510-X50LF SEE NOTE 6 & 11 ▼ | 2 X 25 | 48.00 / 1.890 | 49.92 / 1.965 |

| PLATING OPTIONS OVER CONTACT AREA | |
|-----------------------------------|-----------------------------------|
| 0 | = 0.05 μm / 2 μ" Au |
| 1 | = 0.76 μm / 30 μ" Au |
| 3 | = 0.38 μm / 15 μ" Au |
| 5 | = 2.54 μm / 100 μ" 100% MATTE TIN |

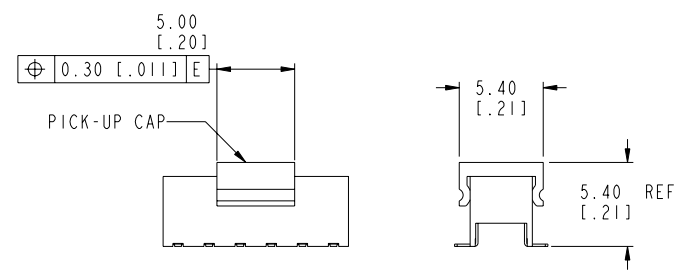


FIG 1
NOTE 7(b)



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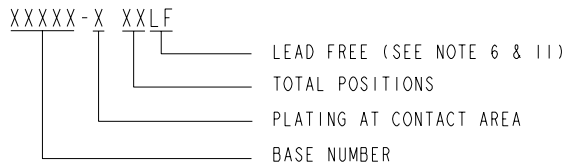
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|--|------------|------------------------|----------|--------------|------|---|
| | title | LPVCC | dwg no | 55510 | Rev. | G |
| | catalog no | 4.5 TOP ENTRY SMT ASSY | CUSTOMER | sheet 2 of 3 | | |

PDM: Rev:G STATUS:Released Printed: Nov 27, 2010

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:



- 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.

△ 13. A △ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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| | title | LPVCC | dwg no | 55510 | Rev. | G |
| | catalog no | 4.5 TOP ENTRY SMT ASSY | - | CUSTOMER | sheet 3 of 3 | |

REV E - 2006-03-28