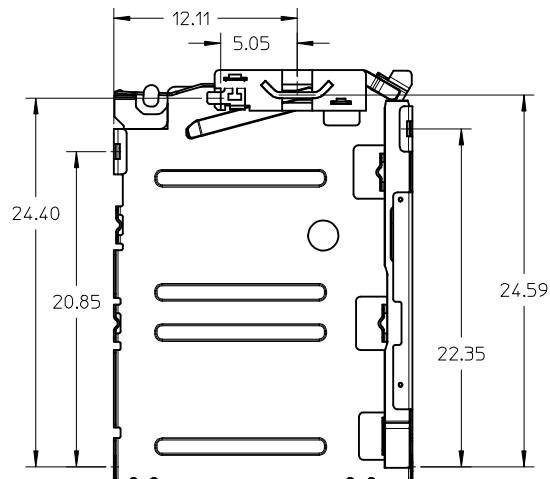
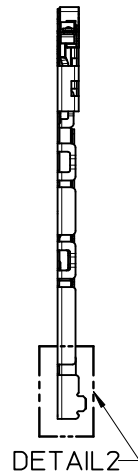
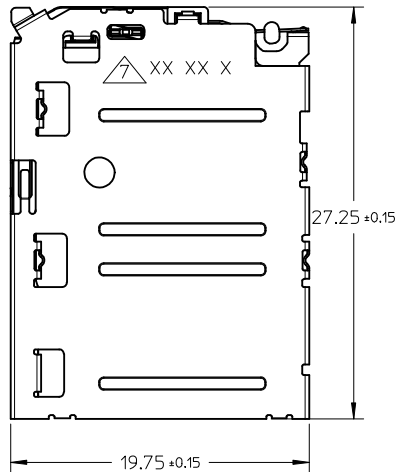
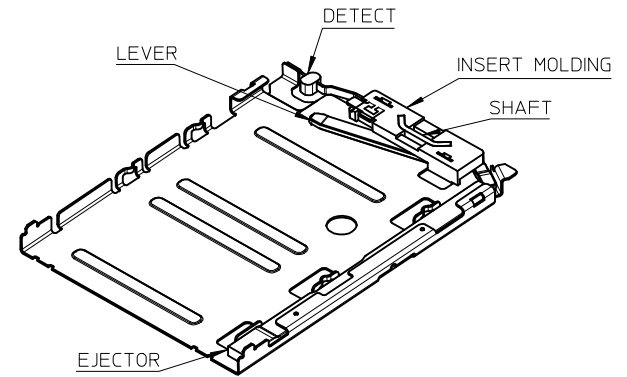
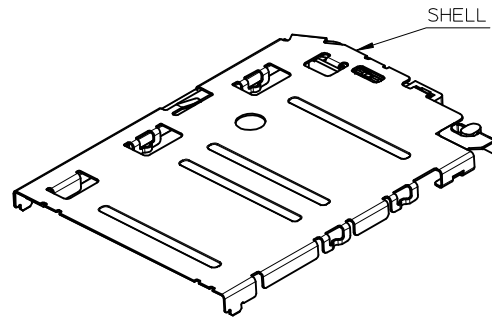


THIS DESIGN IS BASED ON DESIGN OBJECTIVES AND IS STRICTLY TENTATIVE. IT MAY CHANGE BASED ON RESULTS OF ADDITIONAL DESIGN REVIEWS & VERIFICATIONS.

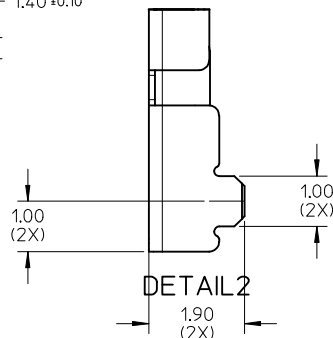
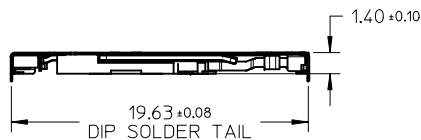


#### NOTES:

1. MATERIALS:  
INSERT MOLD HOUSING: LCP, UL94V-0;  
LEVER, SHAFT, EJECTOR, SHELL: STAINLESS STEEL;  
DETECT SPRING: COPPER ALLOY;
2. FINISHES:  
DETECT SPRING:  
1.27um MIN. NICKEL UNDERPLATING OVERALL;  
0.127um MIN. GOLD PLATING ON CONTACT AREA;  
1.27 um MIN. TIN PLATING ON SOLDERING TAIL;  
SHELL:  
1.27um MIN NICKEL UNDERPLATING OVERALL;  
0.025um MIN GOLD PLATING ON CONTACT AREA AND SOLDERING AREA;  
SHAFT: 1.27um MIN TIN ON SOLDERING TAIL;
3. PRODUCT SPECIFICATION: PS-151031-0001;
4. PACKAGING SPECIFICATION: PK-151031-0002; PK-151032-0001
5. SOLDER TAIL COPLANARITY: 0.10 MM MAX BEFORE REFLOW
6. THIS PART IS A FRAME ONLY, IT SHOULD BE USED TOGETHER WITH 0.35MM BLOCK SIM 151032 FOR AN ENTIRE SIM POP OUT SYSTEM;

DATE CODE PRINTED: XX XX X

DAY  
WEEK  
YEAR



UPDATED DRAWING  
EC NO: S2015-0559  
DRWN: JZENG  
CHKD: JIAN02  
APPR: KHLIM  
REV 4

QUALITY SYMBOLS  
F<sub>A</sub>=0  
F<sub>G</sub>=4  
F<sub>P</sub>=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

|          | mm     | INCH  |
|----------|--------|-------|
| 4 PLACES | ± ---  | ± --- |
| 3 PLACES | ± ---  | ± --- |
| 2 PLACES | ± 0.20 | ± --- |
| 1 PLACE  | ± 0.20 | ± --- |
| 0 PLACE  | ± ---  | ± --- |

ANGULAR ± 3 °  
DRAFT WHERE APPLICABLE  
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE  
MM ONLY

| DRAWN BY | DATE       |
|----------|------------|
| JZENG    | 2013/12/13 |

| CHECKED BY | DATE |
|------------|------|
|            |      |

| APPROVED BY | DATE       |
|-------------|------------|
| KHLIM       | 2014/01/27 |

MATERIAL NO.  
1510313001

| SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
|-------|--------------|------------------------|
| NTS   | METRIC       |                        |

TITLE  
DUAL MICRO SIM FRAME  
1.40H

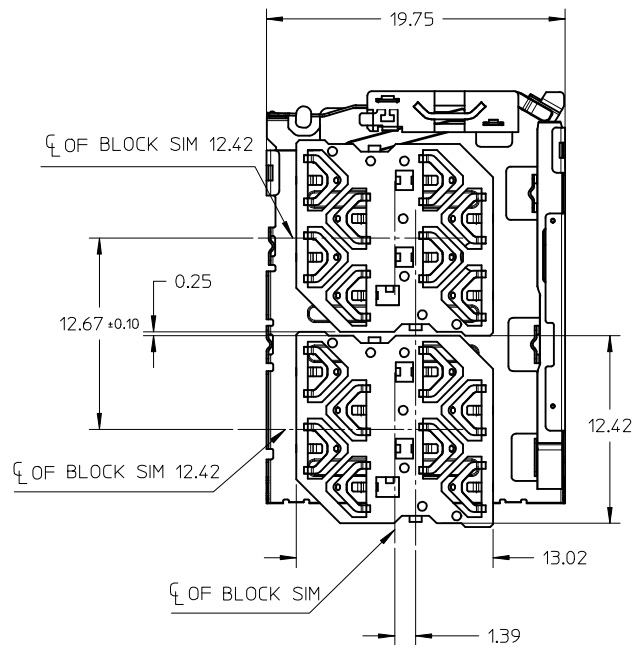
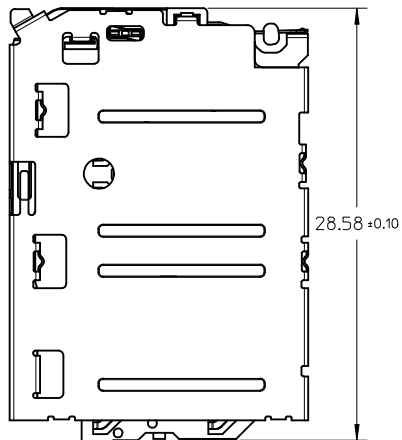
**molex**

DOCUMENT NO.  
SD-151031-0002

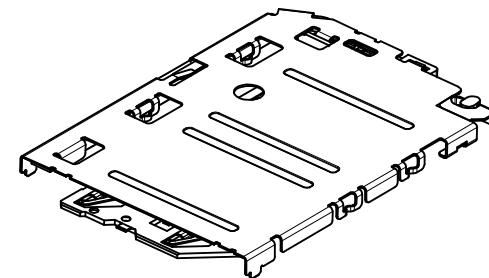
SHEET NO.  
1 OF 5

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

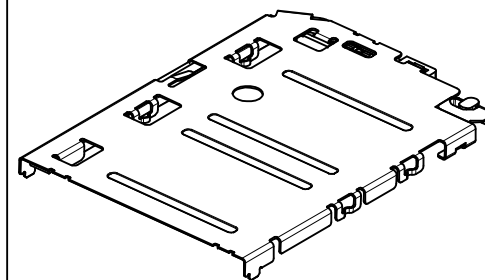
SIM CONNECTOR  
(WITH 151032 BLOCK SIM CONNECTOR)



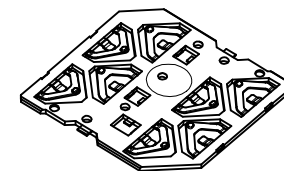
SIM CONNECTOR BOM



FRAME + BLOCK SIM



151031 SERIES



151032 SERIES

THIS DESIGN IS BASED ON DESIGN OBJECTIVES  
AND IS STRICTLY TENTATIVE. IT MAY CHANGE  
BASED ON RESULTS OF ADDITIONAL DESIGN  
REVIEWS & VERIFICATIONS.

| REV | DESCRIPTION                                                                                                              |
|-----|--------------------------------------------------------------------------------------------------------------------------|
| 4   | SEE SHEET1<br>EC NO: S2015-0559<br>2014/11/26<br>DRWN: JZENG<br>CHKD: JIAN02<br>APPR: KHL IM<br>2014/12/22<br>2014/12/24 |

| QUALITY SYMBOLS |
|-----------------|
| $F_A=0$         |
| $F_G=0$         |
| $F_P=0$         |

| GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        |       |
|------------------------------------------------------------|--------|-------|
|                                                            | mm     | INCH  |
| 4 PLACES                                                   | ± ---  | ± --- |
| 3 PLACES                                                   | ± ---  | ± --- |
| 2 PLACES                                                   | ± 0.20 | ± --- |
| 1 PLACE                                                    | ± 0.20 | ± --- |
| 0 PLACE                                                    | ± ---  | ± --- |
| ANGULAR ± 3 °                                              |        |       |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |       |

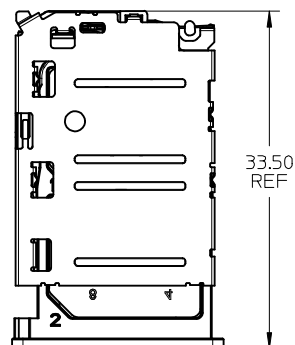
| DIMENSION STYLE<br>MM ONLY |            |
|----------------------------|------------|
| DRAWN BY                   | DATE       |
| JZENG                      | 2013/12/13 |
| CHECKED BY                 | DATE       |
| APPROVED BY                | DATE       |
| KHL IM                     | 2014/01/27 |
| MATERIAL NO.               |            |
| 1510313001                 |            |
| SIZE                       |            |
| A3                         |            |

| SCALE                         | DESIGN UNITS | THIRD ANGLE PROJECTION |
|-------------------------------|--------------|------------------------|
| NTS                           | METRIC       |                        |
| TITLE                         |              |                        |
| DUAL MICRO SIM FRAME<br>1.40H |              |                        |
| DOCUMENT NO.                  |              |                        |
| SD-151031-0002                |              |                        |
| SHEET NO.                     |              |                        |
| 2 OF 5                        |              |                        |

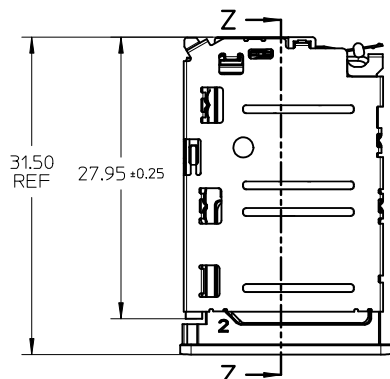
**molex**

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## SIM CONNECTOR FRAME AND TRAY

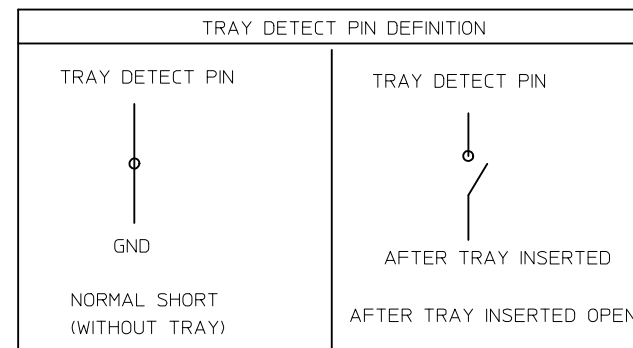
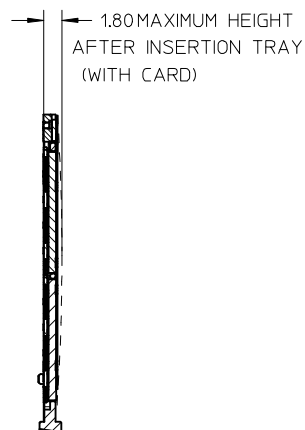


TRAY EJECTED POSITION

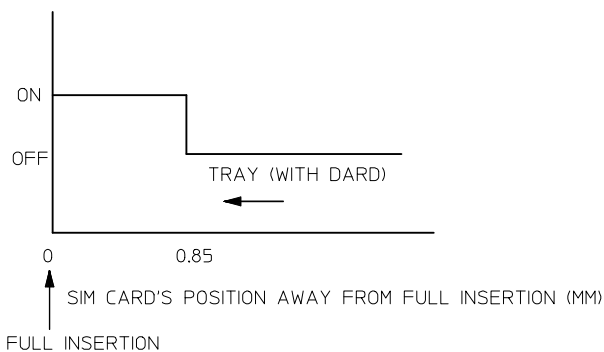


TRAY INSERTION POSITION

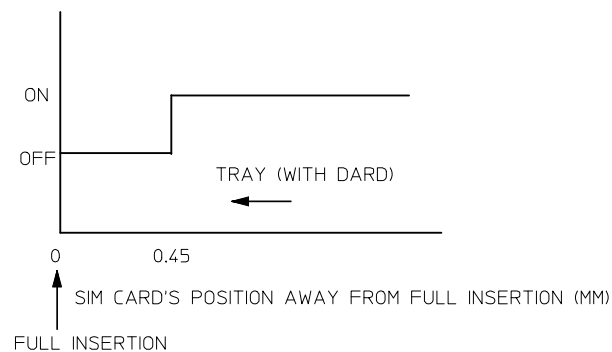
SECTION Z-Z



SIGNAL PIN



DETECT SWITCH PIN



|                                                                                |                         |                                                                                                                                   |                                       |        |                            |       |                                                            |                        |                                                                                                                                  |  |                                |  |  |  |  |
|--------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------|----------------------------|-------|------------------------------------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------|--|--|--|--|
| SEE SHEET 1<br>EC NO: S2015-0559<br>DRWN: JZENG<br>CHKD: JIAN02<br>APPR: KHLIM | DESCRIPTION<br>REV<br>4 | QUALITY SYMBOLS<br><div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div></div> | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE<br>MM ONLY |       | SCALE                                                      | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION                                                                                                           |  |                                |  |  |  |  |
|                                                                                |                         |                                                                                                                                   |                                       | mm     |                            | INCH  | DRAWN BY<br>JZENG                                          | DATE<br>2013/12/13     | TITLE<br>DUAL MICRO SIM FRAME<br>1.40H                                                                                           |  |                                |  |  |  |  |
|                                                                                |                         |                                                                                                                                   | 4 PLACES                              | ± ---  |                            | ± --- | CHECKED BY                                                 | DATE                   |                                                                                                                                  |  |                                |  |  |  |  |
|                                                                                |                         |                                                                                                                                   | 3 PLACES                              | ± ---  |                            | ± --- | APPROVED BY<br>KHLIM                                       |                        | DATE<br>2014/01/27                                                                                                               |  | DOCUMENT NO.<br>SD-151031-0002 |  |  |  |  |
|                                                                                |                         |                                                                                                                                   | 2 PLACES                              | ± 0.20 |                            | ± --- | MATERIAL NO.<br>1510313001                                 |                        | SHEET NO.<br>3 OF 5                                                                                                              |  |                                |  |  |  |  |
|                                                                                |                         |                                                                                                                                   | 1 PLACE                               | ± 0.20 |                            | ± --- | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                |  |  |  |  |
|                                                                                |                         |                                                                                                                                   | 0 PLACE                               | ± ---  |                            | ± --- | SIZE<br>A3                                                 |                        |                                                                                                                                  |  |                                |  |  |  |  |



F

E

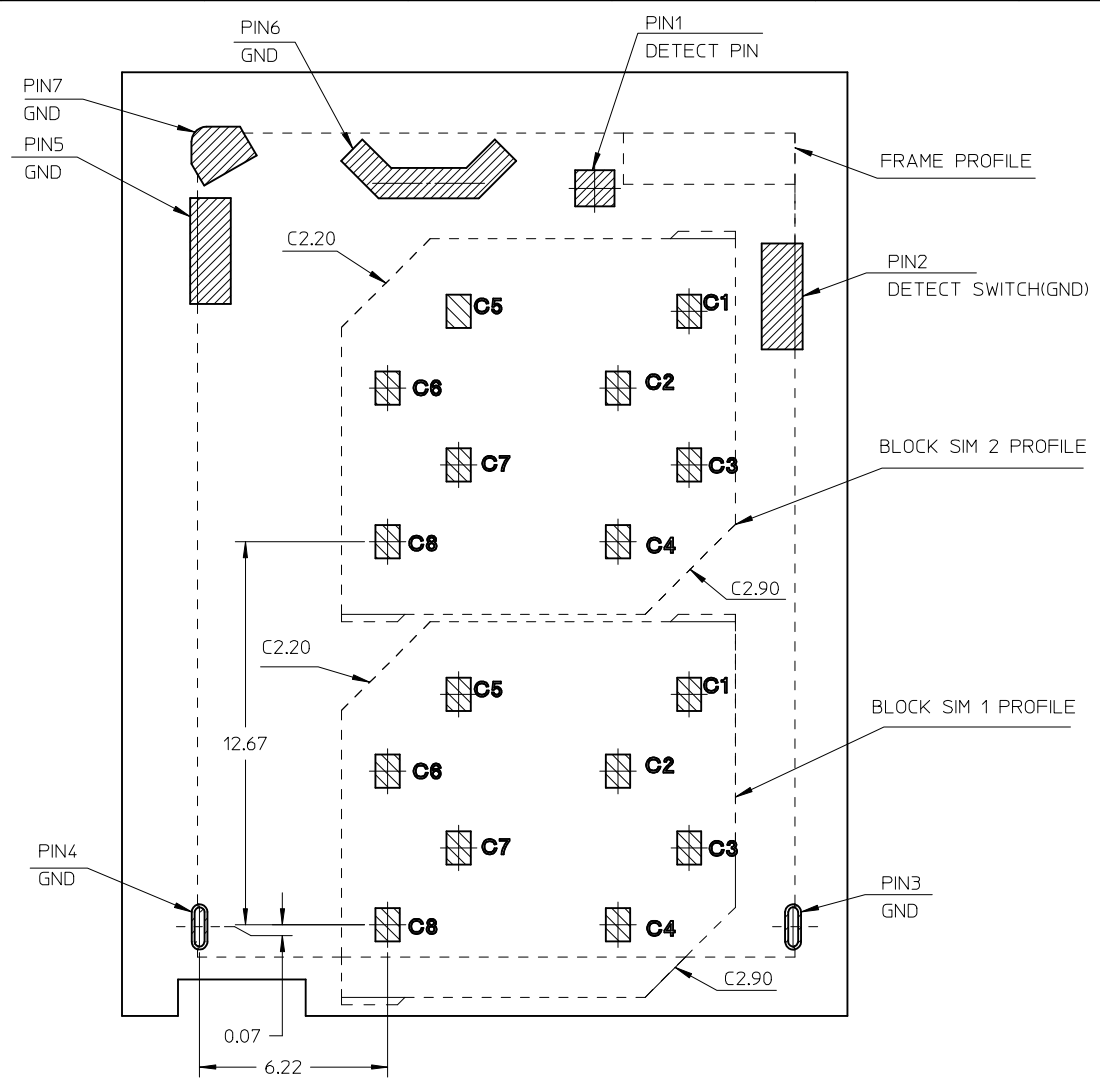
D

C

B

A

151031 FRAME SOLDERING AREA:   
151032 BLOCK SIM SOLDERING AREA: 



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RECOMMENDED PCB LAYOUT: TOLERANCE ±0.05  
RECOMMENDED PCB THICKNESS: 1.00MM  
RECOMMENDED STENCIL THICKNESS: 0.10MM

|                                                                                |                    |                                                                                                     |                                       |       |                                                                                                                                  |                            |                    |                                        |                        |                                |  |  |  |
|--------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------|----------------------------------------|------------------------|--------------------------------|--|--|--|
| SEE SHEET 1<br>EC NO: S2015-0559<br>DRWN: JZENG<br>CHKD: JIAN02<br>APPR: KHLIM | DESCRIPTION<br>REV | QUALITY SYMBOLS<br><div>F<sub>A</sub>=0</div> <div>F<sub>G</sub>=0</div> <div>F<sub>P</sub>=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED) |       |                                                                                                                                  | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>NTS                           | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION      |  |  |  |
|                                                                                |                    |                                                                                                     |                                       | mm    | INCH                                                                                                                             | DRAWN BY<br>JZENG          | DATE<br>2013/12/13 | TITLE<br>DUAL MICRO SIM FRAME<br>1.40H |                        |                                |  |  |  |
|                                                                                |                    |                                                                                                     | 4 PLACES ± ---                        | ± --- | CHECKED BY                                                                                                                       | DATE                       |                    |                                        |                        |                                |  |  |  |
|                                                                                |                    |                                                                                                     | 3 PLACES ± ---                        | ± --- | APPROVED BY<br>KHLIM                                                                                                             |                            |                    | DATE<br>2014/01/27                     | molex                  |                                |  |  |  |
|                                                                                |                    |                                                                                                     | 2 PLACES ± 0.20                       | ± --- |                                                                                                                                  |                            |                    |                                        |                        |                                |  |  |  |
|                                                                                |                    |                                                                                                     | 1 PLACE ± 0.20                        | ± --- | MATERIAL NO.<br>1510313001                                                                                                       |                            |                    |                                        |                        | DOCUMENT NO.<br>SD-151031-0002 |  |  |  |
| 0 PLACE ± ---                                                                  | ± ---              |                                                                                                     |                                       |       |                                                                                                                                  |                            |                    |                                        |                        |                                |  |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                     |                    |                                                                                                     | SIZE<br>A3                            |       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |                    |                                        |                        |                                |  |  |  |

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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[www.lifeelectronics.ru](http://www.lifeelectronics.ru)