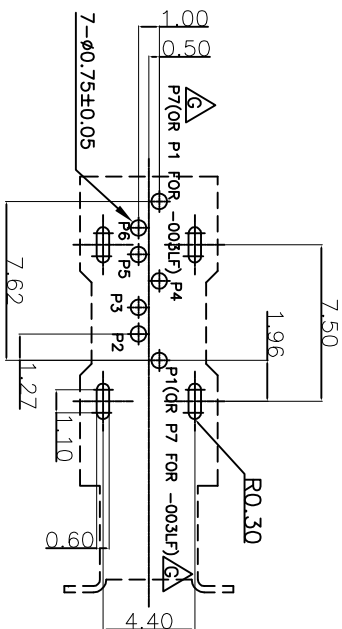
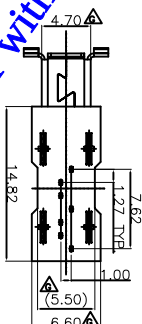
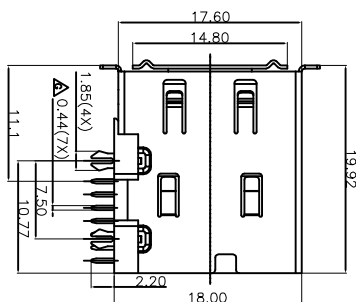
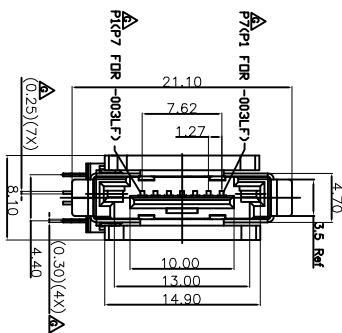


PRODUCT NO.  
10074141-001LF  
10074141-003LF



#### PIN DEFINITION

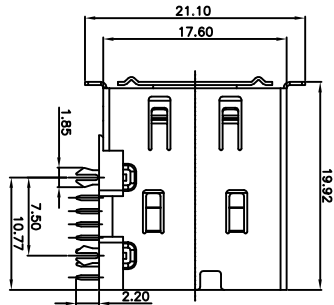
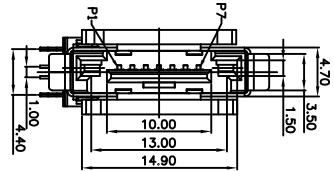
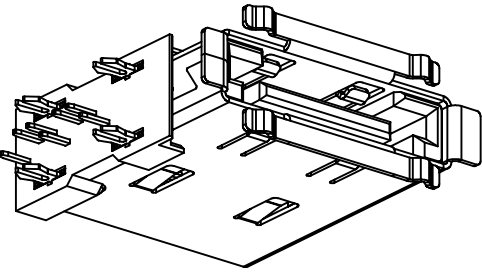
| ESATA | NAME | TYPE |
|-------|------|------|
| P1    | GND  |      |
| P2    | A+   |      |
| P3    | A-   |      |
| P4    | GND  |      |
| P5    | B-   |      |
| P6    | B+   |      |
| P7    | GND  |      |

#### RECOMMEND P.C. BOARD LAYOUT PCB TOLERANCE:±0.05

| mat'l. code | 14         | surface | sg         | tolerance | projection | product family |
|-------------|------------|---------|------------|-----------|------------|----------------|
| lfr         | ecp no     | dr      | date       | ISO 1302  | ISO 406    | ISO 101        |
| A           | 107-1074S  | UN      | 2007-05-23 | angles    | .XX±0.38   | MM             |
| B           | 108-1082S  | UN      | 2008-04-28 | linear    | .XX±0.25   | MM             |
| C           | 110-0184S  | UN      | 2010-12-14 | 0°±2°     | .XXX±0.100 | scale 2:1      |
| D           | 1-00544QS  | UN      | 2011-08-31 | STERLING  | UN         | 2007-05-21     |
| E           | EX-S-00781 | HKL     | 2011-10-17 | ENG       | HKLIM      | 2016-03-03     |
| F           | EX-S-01179 | HKL     | 2012-06-08 | CH        | HKLIM      | 2016-03-03     |
| G           | EX-S-23409 | HKL     | 2016-03-03 | QPP       | KPTAY      | 2016-03-03     |
| sheet       | revision   | G       | G          | 107       | 109        | 111            |
| index       | sheet      | 1       | 2          | 3         | 106        | 108            |
|             |            |         |            |           | 110        | 112            |
|             |            |         |            |           | 114        | 116            |
|             |            |         |            |           | 118        | 120            |
|             |            |         |            |           | 122        | 124            |
|             |            |         |            |           | 126        | 130            |
|             |            |         |            |           | 132        | 134            |
|             |            |         |            |           | 136        | 138            |

NOTES:  
1. MATERIAL: HOUSING-THERMAL/PLASTIC HIGH TEMP WITH 30% G/F UL94 V-0  
CONTACT-SOLDER ALLOY  
SHELL/BOARD LOCK COPPER ALLOY  
2. FINISH: 500" MIN. MAT TIN PLATING ON SOLDER TAILS  
SHELL/BOARD LOCK:50" MIN. NICKEL PLATING OVER ALL  
3. THE HOUSING WILL WITHSTAND TO 260C FOR 10 SEC  
IN A WAVE SOLDER APPLICATION WITH A 1.6MM PCB  
4. PRODUCT SPEC : GS-12-386  
5. PACKING SPEC : GS-14-1109  
6. PRODUCT NUMBERING:  
10074141-0 0 X X LF LEAD FREE  
7. A SYMBOL Δ WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION

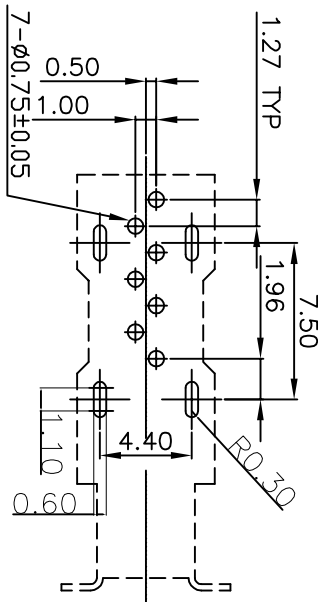
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PIN DEFINITION

| NAME | TYPE |
|------|------|
| P1   | GND  |
| P2   | A+   |
| P3   | A-   |
| P4   | GND  |
| P5   | B-   |
| P6   | B+   |
| P7   | GND  |

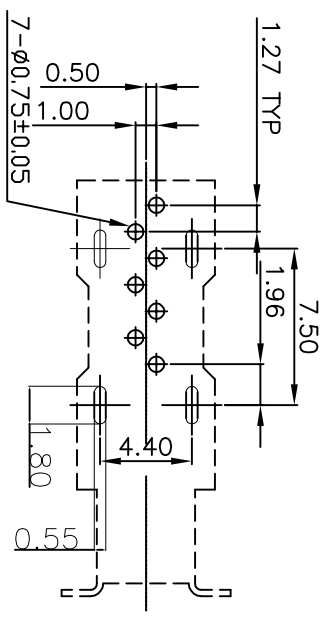
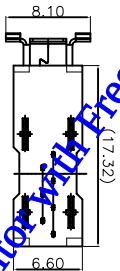
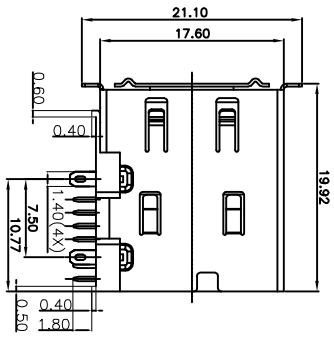
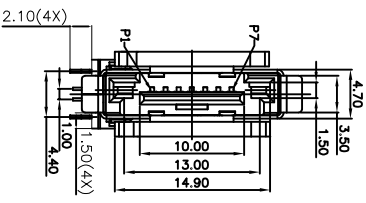
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P.C. BOARD MOUNTING DIMENSIONS T=1.60mm  
PCB TOLERANCE: ±0.05

- NOTES:
1. MATERIAL:  
HOUSING: THERMAL PLASTIC HIGH TEMP WITH 30% G/F UL94 V-0  
CONTACT: COPPER ALLOY  
SHELL/BOARD LOCK: COPPER ALLOY  
COLOR: BLACK
  2. FINISH:  
CONTACT: GOLD PLATING ON CONTACT AREA  
100µ" MIN. MATT TIN PLATING ON SOLDERMATS  
50µ" MIN. NICKEL UNDERPLATING OVER ALL  
BOARD LOCK: 50µ" MIN. NICKEL TIN PLATING OVER ALL  
SHELL/BOARD LOCK: 50µ" MIN. NICKEL TIN PLATING OVER ALL  
3. SOLDER APPLICATION: 100µ" MIN. NICKEL TIN PLATING OVER ALL  
N/A WAVE SOLDER APPLICATION WITH A 1.5MM PCB
  4. PRODUCT SPEC: GS-12-386
  5. PACKING SPEC: GS-14-1109
  6. PRODUCT NUMBERING:  
10074141 - 1 0 1 1 0 9 LF LEAD FREE
- 1: LAYOUT#2
- 1: 150µ" GOLD PLATING  
2: 6µ" GOLD PLATING
- PACKING:  
BLANK: TRAY PACKING
6. A SYMBOL Δ WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE, WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION

| mat'l. code | 14         | surface | sg         | tolerance                             | projection                                                          | product family | 533                          |
|-------------|------------|---------|------------|---------------------------------------|---------------------------------------------------------------------|----------------|------------------------------|
| lfr         | ecn no     | dr      | date       | ISO 1302                              | ISO 406                                                             | ISO 101        | 101                          |
| A           | 107-1074S  | LN      | 2007-05-23 | tolerances unless otherwise specified | .X±0.38                                                             | MM             |                              |
| B           | 108-1082S  | LN      | 2008-04-28 | angle                                 | .XX±0.25                                                            | MM             |                              |
| C           | 110-0184S  | LN      | 2010-12-14 | 0°±2°                                 | .XXX±0.100                                                          | scale 2:1      |                              |
| D           | 1-00544QS  | LN      | 2011-08-31 | STERLING                              | LN                                                                  | 2007-05-21     |                              |
| E           | EX-6-00781 | HKL     | 2011-10-17 | ENG                                   | HKLIM                                                               | 2016-03-03     |                              |
| F           | EX-6-01179 | HKL     | 2012-06-08 | CH                                    | HKLIM                                                               | 2016-03-03     |                              |
| G           | EX-6-2409  | HKL     | 2016-03-03 | DPD                                   | KPTAY                                                               | 2016-03-03     |                              |
| sheet       | revision   | G       | G          | G                                     | 107 109 111 113 115 117 119 121 123 125 127 129 131 133 135 137 139 | type           | PRODUCT-CUSTOMER.DRW Drawing |
| index       | sheet      | 1       | 2          | 3                                     | 106 108 110 112 114 116 118 120 122 124 126 128 130 132 134 136 138 | sheet no       | 10074141                     |
|             |            |         |            |                                       |                                                                     | sheet 2 of 3   | size A3                      |



P.C. BOARD MOUNTING DIMENSIONS T=1.60mm  
PCB TOLERANCE: ±0.05

| PIN DEFINITION |      |
|----------------|------|
| NAME           | TYPE |
| P1             | GND  |
| P2             | A+   |
| P3             | A-   |
| P4             | GND  |
| P5             | B-   |
| P6             | B+   |
| P7             | GND  |

- NOTES:
1. MATERIAL: THERMOPLASTIC HIGH TEMP WITH 30% G/F UL94 V-0
  2. FINISH: CONTRACT GOLD PLATING ON CONTACT AREA
  3. THE HOUSING WILL WITHSTAND TO 260C FOR 10 SEC IN A WAVE SOLDER APPLICATION WITH A 1.5MM PCB
  4. PRODUCT SPEC : 05-12-386
  5. PACKING SPEC : 05-14-1109
  6. A SYMBOL  $\Delta$  WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE, WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION

| mat'l. code |             | surface sg |            | tolerance                             |                                                                     | projection |    | product family  |  |
|-------------|-------------|------------|------------|---------------------------------------|---------------------------------------------------------------------|------------|----|-----------------|--|
| lfr         | ecn no      | dr         | date       | ISO 1302                              | ISO 406                                                             | ISO 101    | MM | 533             |  |
| A           | 107-1074S   | UN         | 2007-05-23 | tolerances unless otherwise specified | .X±0.38                                                             |            |    | E-SATA_UP_RIGHT |  |
| B           | 108-1082S   | UN         | 2008-04-28 |                                       | .XX±0.25                                                            |            |    | DIP_TYPE        |  |
| C           | 110-0184S   | UN         | 2010-12-14 | 0°±2°                                 | .XXX±0.100                                                          | scale 2:1  |    |                 |  |
| D           | 1-00544QS   | UN         | 2011-08-31 | STERLING                              | 2007-05-21                                                          |            |    |                 |  |
| E           | EX-S-007881 | HKL        | 2011-10-17 | ENG                                   | HKLIM                                                               | 2016-03-03 |    |                 |  |
| F           | EX-S-011878 | HKL        | 2012-06-08 | CH                                    | HKLIM                                                               | 2016-03-03 |    |                 |  |
| G           | EX-S-23409  | HKL        | 2016-03-03 | QPP                                   | KPTAY                                                               | 2016-03-03 |    |                 |  |
| Sheet       | revision    | 1          | 2          | 3                                     | 107 109 111 113 115 117 119 121 123 125 127 129 131 133 135 137 139 |            |    |                 |  |
| index       | sheet       | G          | G          | G                                     | 106 108 110 112 114 116 118 120 122 124 126 128 130 132 134 136 138 |            |    |                 |  |

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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.