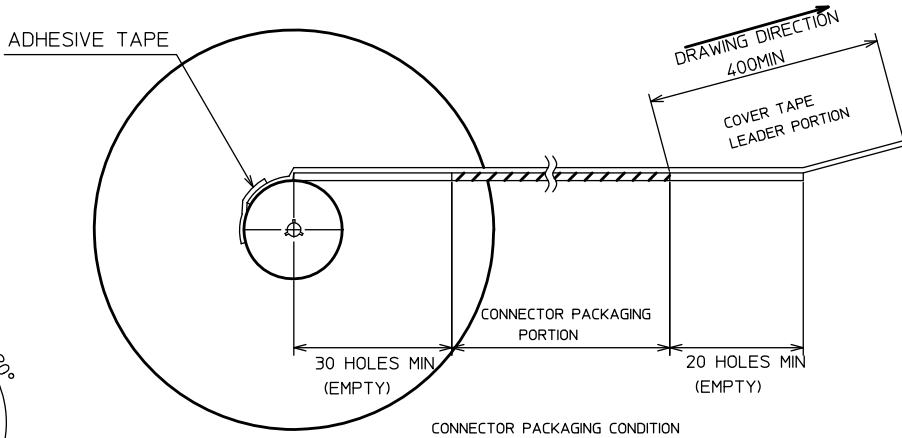
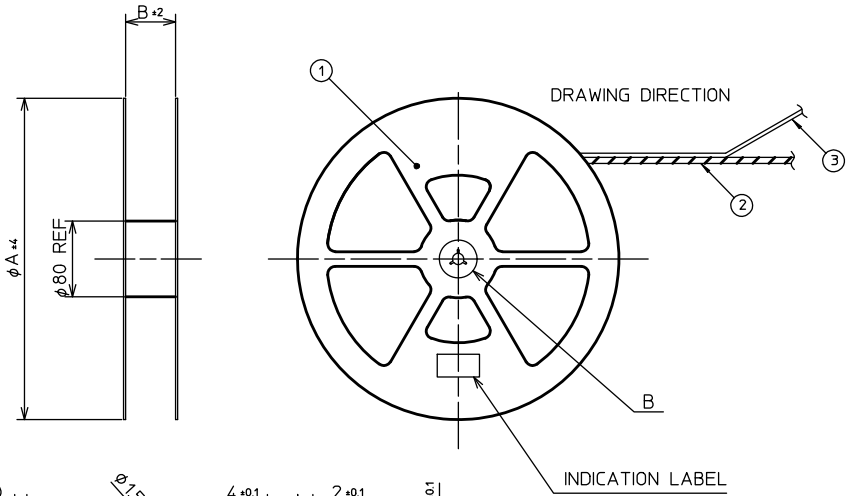


PRODUCT NO  
10061122-\*\*-1\*\*0\*LF

| EMBOSS TAPE                  | DIMENSIONS |      |    |
|------------------------------|------------|------|----|
|                              | φ A        | B    | C  |
| 10061122-131**0*LF~451**0*LF | φ330       | 25.5 | 24 |
| 10061122-511**0*LF~          |            | 33.5 | 32 |

| PT.NO. | PARTS NAME  | PRODUCT NO.         | MATERIAL                 | Q'TY | NOTE                                              |
|--------|-------------|---------------------|--------------------------|------|---------------------------------------------------|
| 1      | REEL        |                     | POLYSTYRENE              | 1    | COLOR:WHITE.ELECTRIFICATION PREVENTION PROCESSING |
| 2      | EMBOSS TAPE |                     | PP OR PET                | 1    | ELECTRIFICATION PREVENTION PROCESSING             |
| 3      | COVER TAPE  |                     | POLYESTER                |      |                                                   |
| 4      | CONNECTOR   | 10061122-**-1**0*LF | 10061122 SHEET2,3        | 5000 |                                                   |
|        |             | 10061122-**-1**HLF  | 10061122 SHEET4,5<br>6,7 |      |                                                   |



NOTE  
1.THIS ARTICLE CARRIES OUT THE EMBOSS TAPE PACKAGE OF THE P/N10061122 SERIES CONNECTOR  
2.THE SHAPE AND DIMENSION OF THIS ARTICLE ARE BASED ON JIS C 0806 (TAPING OF ELECTRONIC PARTS(SURFACE MOUNTED DEVICE))

P/N COMPOSITION  
10061122-\*\*-1\*\*0\*LF

HOUSING MATERIAL 1: NONE-HALOGEN FREE RESIN  
2: HALOGEN FREE RESIN

LEAD FREE

PACKAGING FORM (E PLASTIC REEL/EMBOSS TAPE PACKAGE)

EMBOSSING TAPE PACKAGE 0: 8mm PITCH

PLATING SPEC 1: AU PLATING

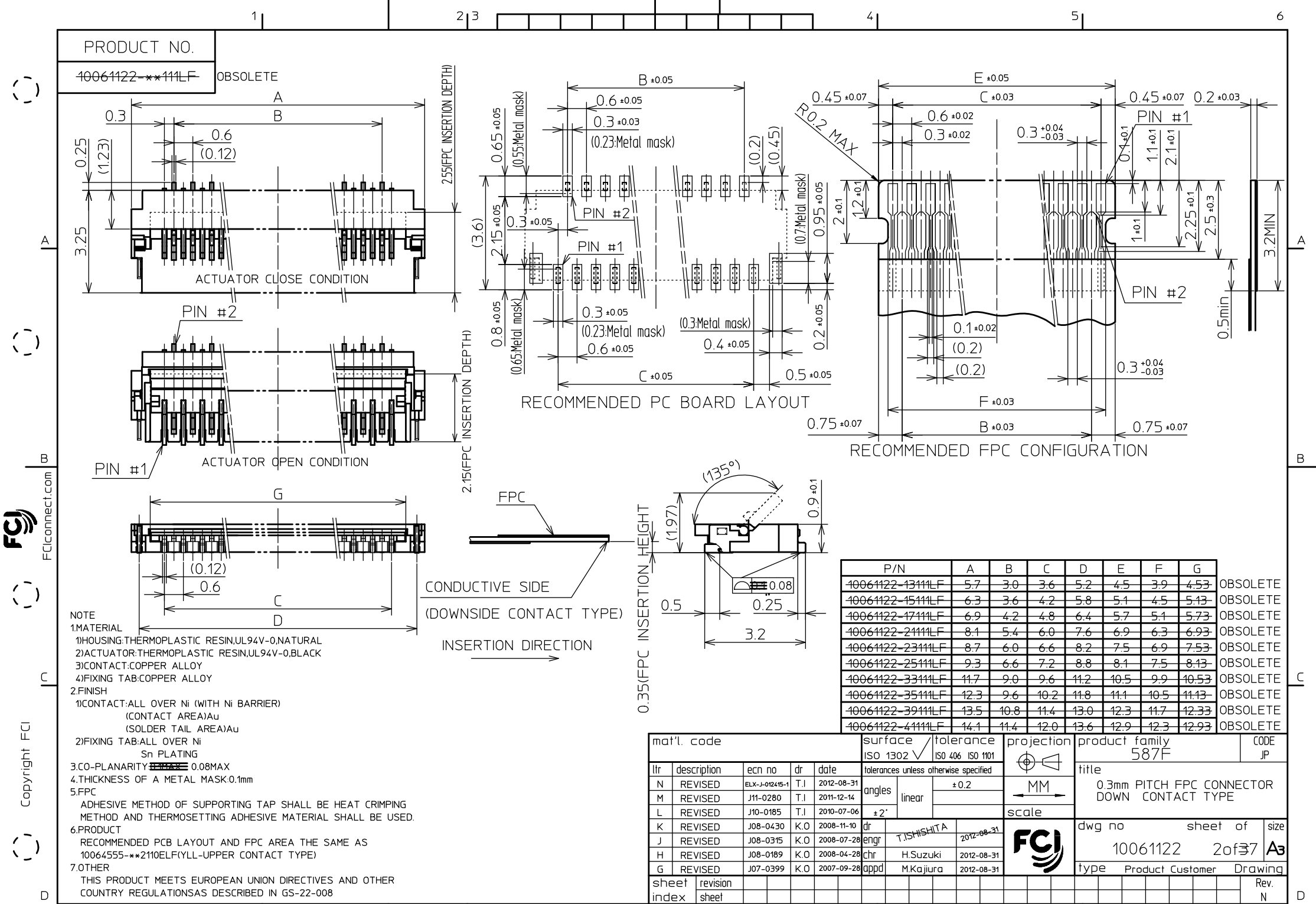
MOUNTING 1: SMT/WITH CABLE LOCK  
2: SMT/WITHOUT CABLE LOCK  
3: SMT/WITH CABLE LOCK/WITH ACTUATOR LOCK  
4: SMT/WITHOUT CABLE LOCK/WITH ACTUATOR LOCK

CONTACT SIDE 1: DOWN SIDE

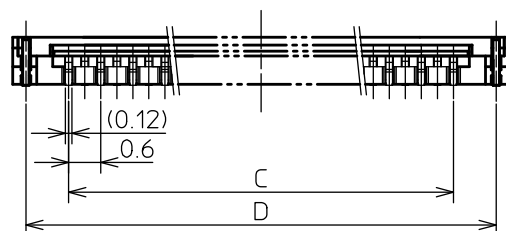
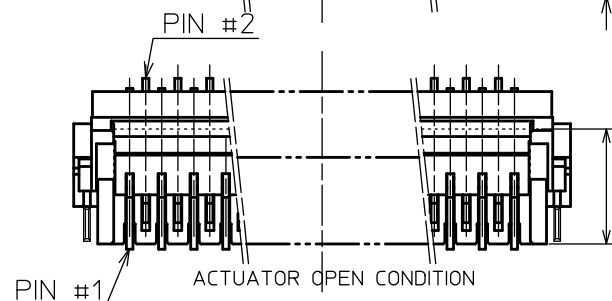
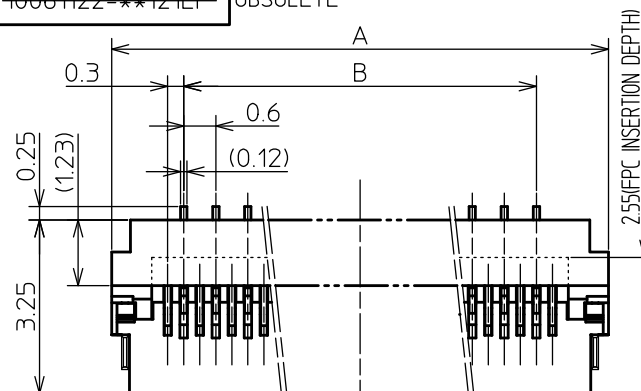
NO OF POSITION

SERIES NAME

| mat'l. code                           |             |             |     | surface    |        | tolerance  | projection | product family            |  | CODE             |
|---------------------------------------|-------------|-------------|-----|------------|--------|------------|------------|---------------------------|--|------------------|
| ISO 1302                              |             |             |     | ISO 406    |        | ISO 101    | MM         | 587F (YLL-D)              |  | JP               |
| tolerances unless otherwise specified |             |             |     | linear     |        | $\pm 0.3$  |            | 0.3mm PITCH FPC CONNECTOR |  |                  |
| ltr                                   | description | ech no      | dr  | date       | angles | linear     | scale      | dwg no                    |  | sheet of         |
| T                                     | REVISED     | ELX-J-20618 | T.J | 2015-04-17 |        |            |            | 10061122                  |  | 10F37            |
| S                                     | REVISED     | ELX-J-14161 | T.J | 2013-03-05 |        |            |            | type                      |  | Product Customer |
| R                                     | REVISED     | ELX-J-0245  | T.J | 2012-08-31 |        |            |            | Drawing                   |  | Rev.             |
| P                                     | REVISED     | J11-0280    | T.J | 2011-12-14 |        |            |            | A2                        |  |                  |
| N                                     | REVISED     | J10-0268    | T.J | 2010-10-12 | engr   | T.Ishihita | 2015-04-17 |                           |  |                  |
| M                                     | REVISED     | J10-0185    | T.J | 2010-07-06 | chr    | M.Minato   | 2015-04-17 |                           |  |                  |
| L                                     | REVISED     | J10-0073    | T.J | 2010-05-17 | appd   | N.Sasame   | 2015-04-17 |                           |  |                  |
| sheet                                 | revision    | T           | N   | G          | A      | C          | C          |                           |  |                  |
| index                                 | sheet       | 1           | 2   | 3          | 4      | 5          | 6          |                           |  |                  |



OBSOLETE



NOTE

## 1.MATERIAL

- 1)HOUSING:THERMOPLASTIC RESIN,UL94V-0,NATURAL  
2)ACTUATOR:THERMOPLASTIC RESIN,UL94V-0,BLACK  
3)CONTACT:COPPER ALLOY  
4)FIXING TAB:COPPER ALLOY

## 2.FINISH

- 1)CONTACT:ALL OVER Ni (WITH Ni BARRIER)  
(CONTACT AREA)Au  
(SOLDER TAIL AREA)Au  
2)FIXING TAB:ALL OVER Ni  
Sn PLATING

- 3.CO-PLANARITY:~~0.1MAX~~ 0.08MAX  
4.THICKNESS OF A METAL MASK:0.1mm

## 5.FPC

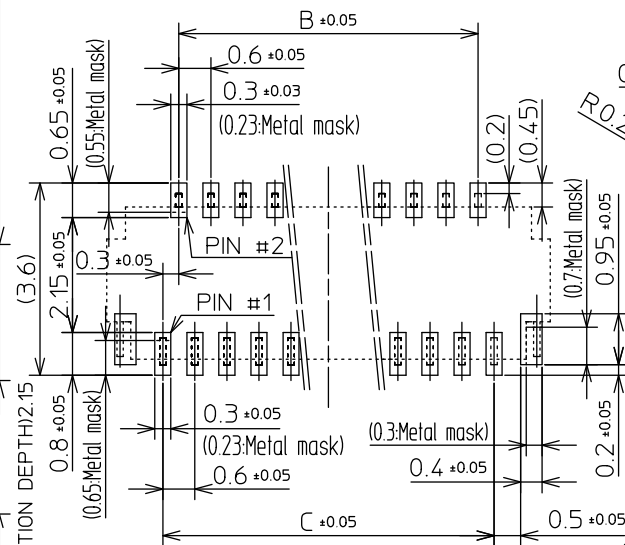
ADHESIVE METHOD OF SUPPORTING TAP SHALL BE HEAT CRIMPING METHOD AND THERMOSETTING ADHESIVE MATERIAL SHALL BE USED.

## 6 PRODUCT

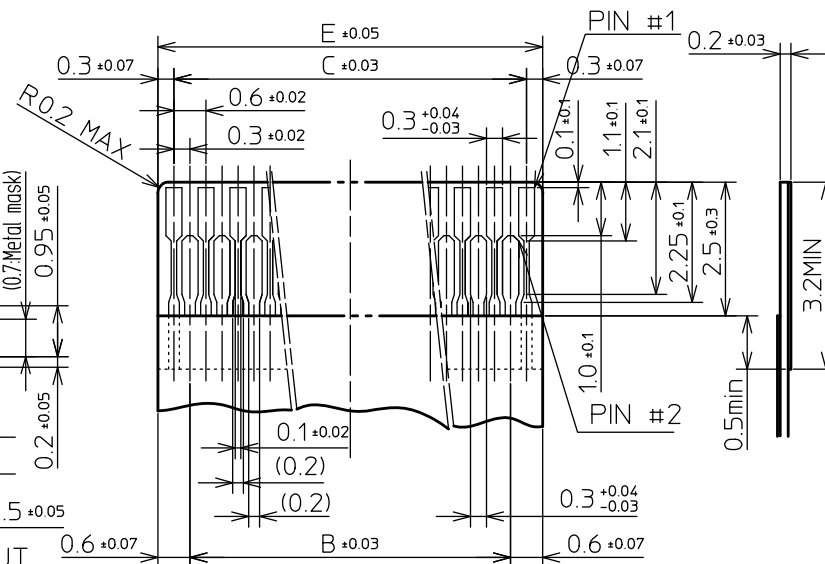
RECOMMENDED PCB LAYOUT AND FPC AREA THE SAME AS 10064555-\*\*2210ELF(YLL-UPPER CONTACT TYPE)

## 7. OTHER

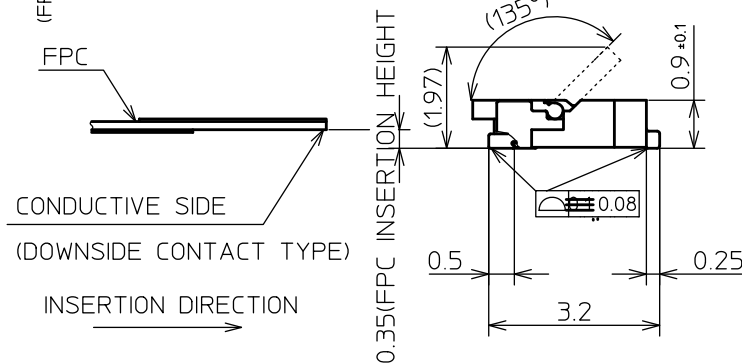
THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER  
COUNTRY REGULATIONSAS DESCRIBED IN GS-22-008



## RECOMMENDED PC BOARD LAYOUT

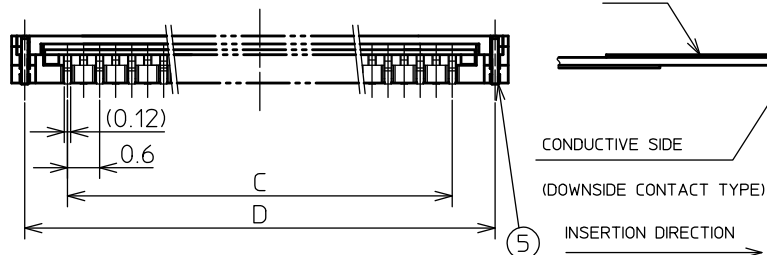


## RECOMMENDED FPC CONFIGURATION



| P/N              | A    | B    | C    | D    | E    |          |
|------------------|------|------|------|------|------|----------|
| 40064122-45121LF | 6.3  | 3.6  | 4.2  | 5.8  | 4.8  | OBSOLETE |
| 40064122-24121LF | 8.1  | 5.4  | 6.0  | 7.6  | 6.6  | OBSOLETE |
| 40064122-23121LF | 8.7  | 6.0  | 6.6  | 8.2  | 7.2  | OBSOLETE |
| 40064122-25121LF | 9.3  | 6.6  | 7.2  | 8.8  | 7.8  | OBSOLETE |
| 40064122-33121LF | 11.7 | 9.0  | 9.6  | 11.2 | 10.2 | OBSOLETE |
| 40064122-35121LF | 12.3 | 9.6  | 10.2 | 11.8 | 10.8 | OBSOLETE |
| 40064122-37121LF | 12.9 | 10.2 | 10.8 | 12.4 | 11.4 | OBSOLETE |
| 40064122-39121LF | 13.5 | 10.8 | 11.4 | 13.0 | 12.0 | OBSOLETE |
| 40064122-44121LF | 14.1 | 11.4 | 12.0 | 13.6 | 12.6 | OBSOLETE |
| 40064122-43121LF | 14.7 | 12.0 | 12.6 | 14.2 | 13.2 | OBSOLETE |
| 40064122-45121LF | 15.3 | 12.6 | 13.2 | 14.8 | 13.8 | OBSOLETE |

[illegible]



NOTE

1.CO-PLANARITY:0.08mmMAX

2.THICKNESS OF A METAL MASK:0.1mm

3.FPC

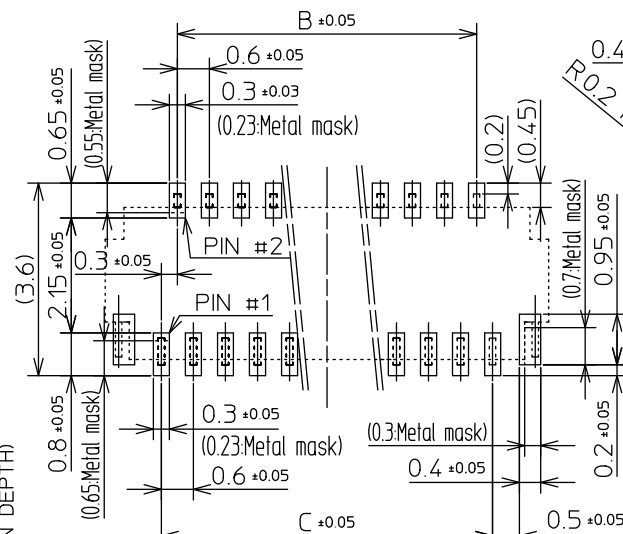
Adhesive method of supporting tape shall be heat crimping method  
and thermosetting adhesive material shall be used.

4.PRODUCT

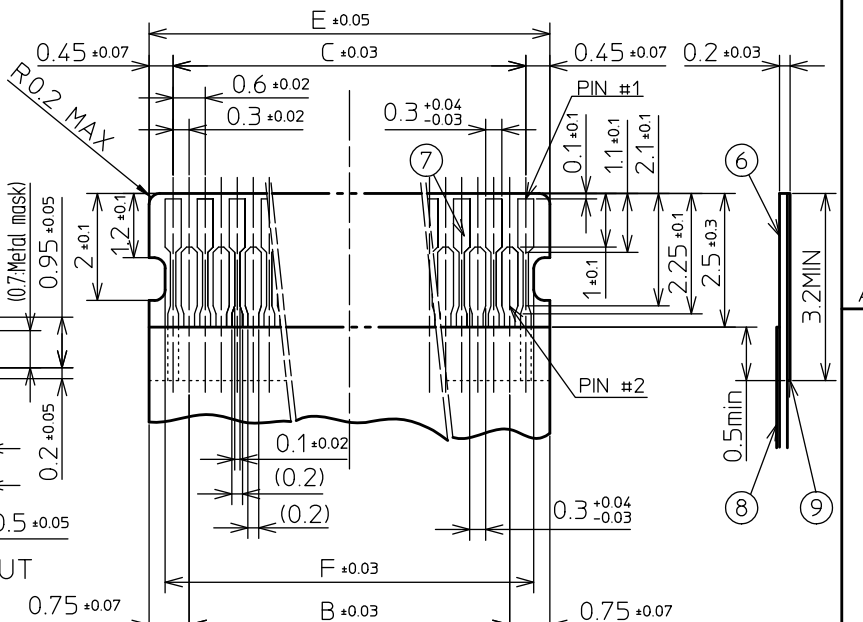
Recommended PCB layout and FPC area the same as 10064555--\*\*210\*LF(YLL-Upper contact type)

5.OTHER

This product meets European Union Directives and other country regulation  
as described in GS-22-008



## RECOMMENDED PC BOARD LAYOUT



## RECOMMENDED FPC CONFIGURATION

n:NO OF CONTACT

| P/N               | A   | B   | C   | D   | E   | F   |
|-------------------|-----|-----|-----|-----|-----|-----|
| 10061122-13112HLF | 5.7 | 3.0 | 3.6 | 5.2 | 4.5 | 3.9 |
| 10061122-15112HLF | 6.3 | 3.6 | 4.2 | 5.8 | 5.1 | 4.5 |
| 10061122-17112HLF | 6.9 | 4.2 | 4.8 | 6.4 | 5.7 | 5.1 |
| 10061122-21112HLF | 8.1 | 5.4 | 6.0 | 7.6 | 6.9 | 6.3 |
| 10061122-23112HLF | 8.7 | 6.0 | 6.6 | 8.2 | 7.5 | 6.9 |
| 10061122-25112HLF | 9.3 | 6.6 | 7.2 | 8.8 | 8.1 | 7.5 |

\*For the corresponding position, please make an inquire to sales person in our company.

[illegible]

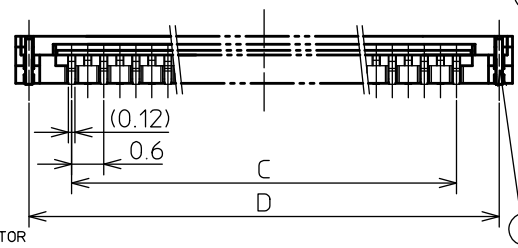
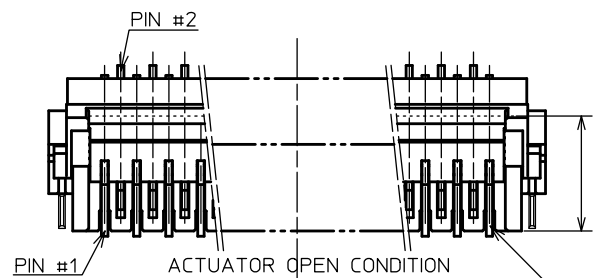
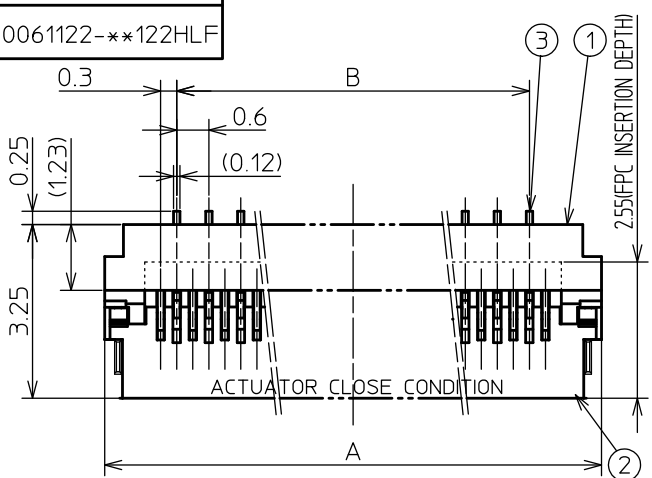


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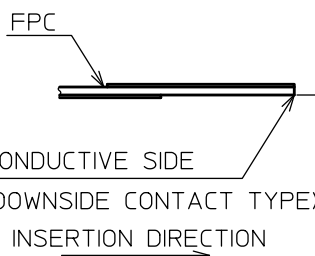
PRODUCT NO  
10061122-\*\*-122HLF



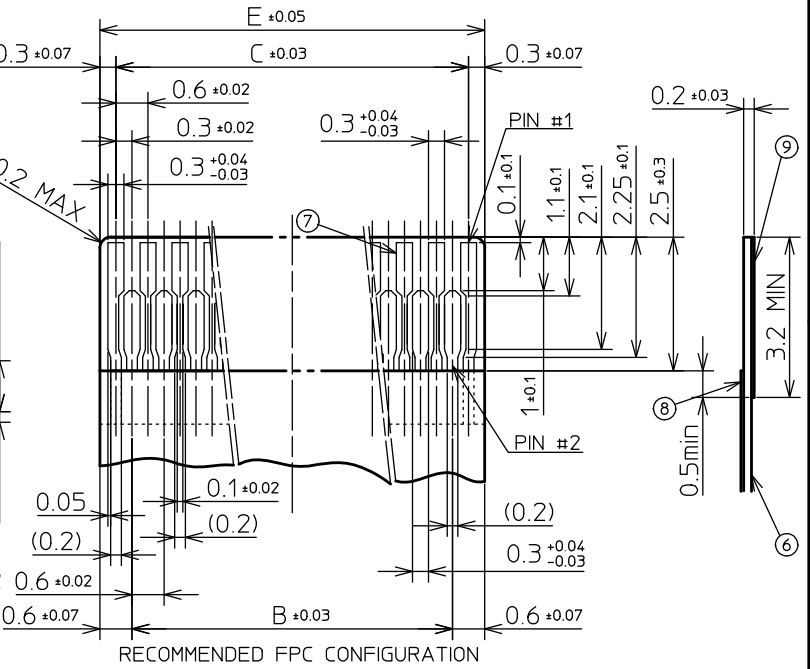
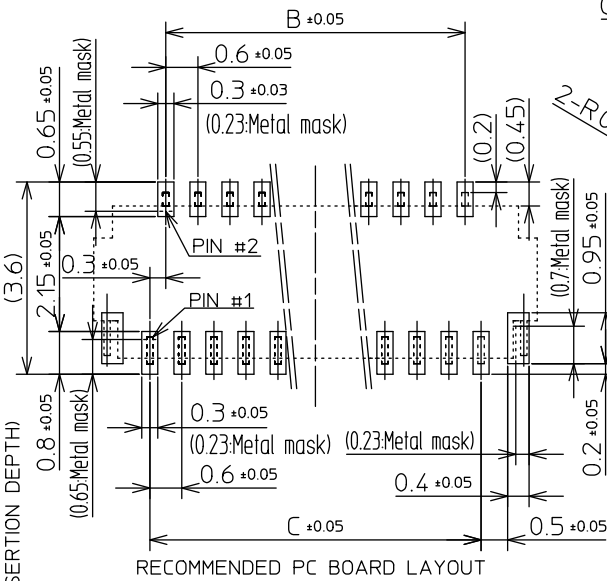
CONNECTOR

| 1 | PARTS NAME | MATERIAL                        | QTY     | REMARKS                                                                             |
|---|------------|---------------------------------|---------|-------------------------------------------------------------------------------------|
| 1 | HOUSING    | TERMOPLASTIC HALOGEN FREE RESIN | 1       | UL94V-0,COLOR:BLACK                                                                 |
| 2 | ACTUATOR   | TERMOPLASTIC HALOGEN FREE RESIN | 1       | UL94V-0,COLOR:NATURAL                                                               |
| 3 | CONTACT A  | COPPER ALLOY                    | (n-1)/2 | [PLATING]<br>ALL OVER Ni(WITH Ni BARRIER)<br>CONTACT AREA:AU<br>SOLDER TAIL AREA:AU |
| 4 | CONTACT B  | COPPER ALLOY                    | (n+1)/2 | [PLATING]<br>ALL OVER Ni,Sn                                                         |
| 5 | FIXING TAB | COPPER ALLOY                    | 2       | [PLATING]<br>ALL OVER Ni,Sn                                                         |

NOTE  
1.CO-PLANARITY:0.08mmMAX  
2.THICKNESS OF A METAL MASK:0.1mm  
3.FPC  
Adhesive method of supporting tape shall be heat crimping method  
and thermosetting adhesive material shall be used.  
4.PRODUCT  
Recommended PCB layout and FPC area the same as 10064555-\*\*-2110\*LF(YLL-Upper contact type)  
5.OTHER  
This product meets European Union Directives and other country regulation  
as described in GS-22-008



CONDUCTIVE SIDE  
(DOWNSIDE CONTACT TYPE)  
INSERTION DIRECTION

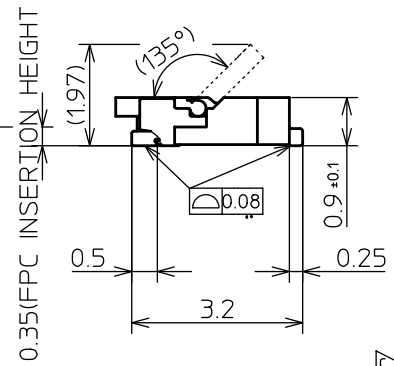


| FPC | PARTS NAME | MATERIAL    | QTY | REMARKS                                            |
|-----|------------|-------------|-----|----------------------------------------------------|
| 6   | BASE FILM  | POLYAMDE    | 1   |                                                    |
| 7   | CONDUCTOR  | COPPER FOIL | n   | [PLATING]<br>ALL OVER Ni 4~12μm,<br>Au 0.05~0.15μm |
| 8   | OVERLAY    | POLYAMIDE   | 1   |                                                    |
| 9   | STIFFENER  | POLYAMIDE   | 1   |                                                    |

n:NO OF CONTACT

| P/N               | A   | B   | C   | D   | E   |
|-------------------|-----|-----|-----|-----|-----|
| 10061122-15122HLF | 6.3 | 3.6 | 4.2 | 5.8 | 4.8 |
| 10061122-21122HLF | 8.1 | 5.4 | 6.0 | 7.6 | 6.6 |
| 10061122-23122HLF | 8.7 | 6.0 | 6.6 | 8.2 | 7.2 |
| 10061122-25122HLF | 9.3 | 6.6 | 7.2 | 8.8 | 7.8 |

\*For the corresponding position, please make an inquire to sales person in our company.

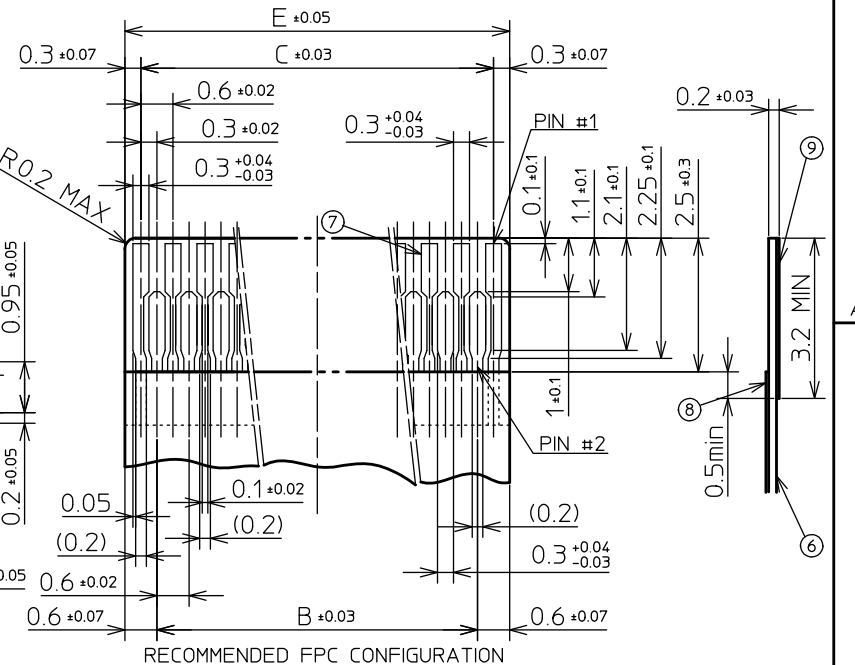
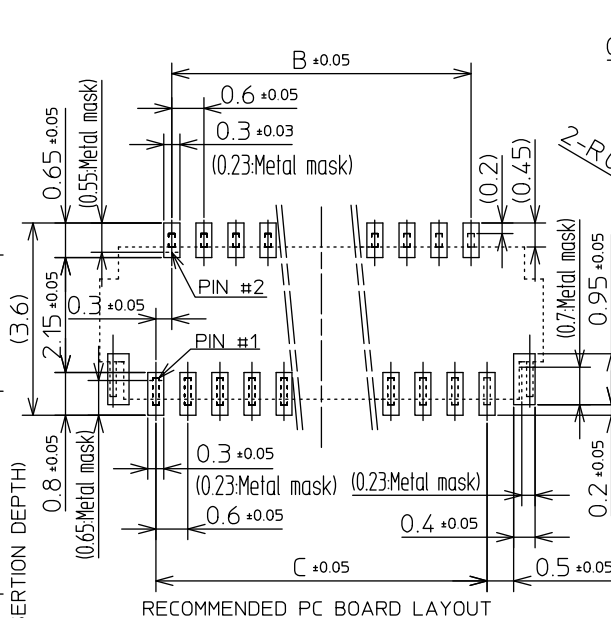
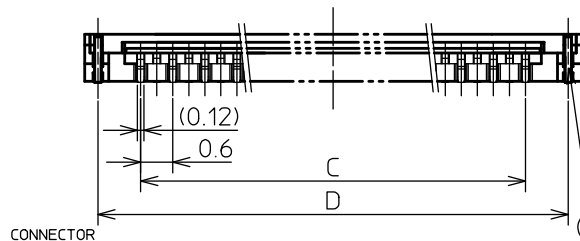
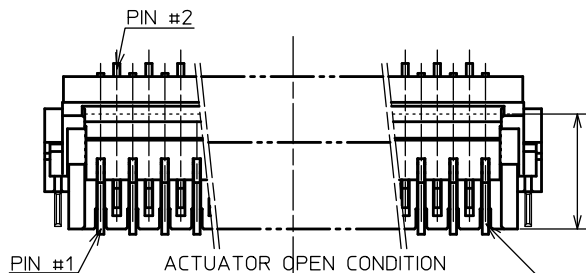
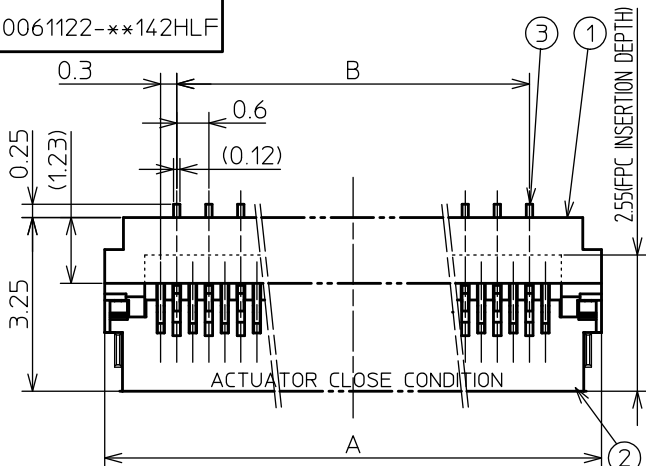


| mat'l. code | surface     | tolerance   | projection | product family | CODE                                  |
|-------------|-------------|-------------|------------|----------------|---------------------------------------|
| ISO 1302    | ISO 406     | ISO 1101    | MM         | 587F (YLL-D)   | JP                                    |
| lir         | description | ecn no      | dr         | date           | tolerances unless otherwise specified |
| A           | Released    | J10-0185    | T.I        | 2010-07-06     | ± 0.2                                 |
| B           | Revised     | ELX-J-12415 | T.I        | 2012-08-31     | linear                                |
| C           | Revised     | ELX-J-20618 | T.I        | 2015-04-17     | ± 2'                                  |
| dr          | T.I         | 2015-04-17  | engr       | M.Minato       | 2015-04-17                            |
| chr         | N.Sasame    | 2015-04-17  | appd       | N.Sasame       | 2015-04-17                            |
| sheet       | revision    | sheet       | index      | sheet          | index                                 |



PRODUCT NO

10061122-\*\*-142HLF



FPC

| PARTS NAME  | MATERIAL    | QTY | REMARKS                                            |
|-------------|-------------|-----|----------------------------------------------------|
| 6 BASE FILM | POLYAMDE    | 1   |                                                    |
| 7 CONDUCTOR | COPPER FOIL | n   | [PLATING]<br>ALL OVER Ni 4~12μm,<br>Au 0.05~0.15μm |
| 8 OVERLAY   | POLYAMIDE   | 1   |                                                    |
| 9 STIFFENER | POLYAMIDE   | 1   |                                                    |

n:NO OF CONTACT

| P/N               | A    | B    | C    | D    | E    |
|-------------------|------|------|------|------|------|
| 10061122-33142HLF | 11.7 | 9.0  | 9.6  | 11.2 | 10.2 |
| 10061122-39142HLF | 13.5 | 10.8 | 11.4 | 13.0 | 12.0 |
| 10061122-41142HLF | 14.1 | 11.4 | 12.0 | 13.6 | 12.6 |
| 10061122-43142HLF | 14.7 | 12.0 | 12.6 | 14.2 | 13.2 |
| 10061122-45142HLF | 15.3 | 12.6 | 13.2 | 14.8 | 13.8 |
| 10061122-51142HLF | 17.1 | 14.4 | 15.0 | 16.6 | 15.6 |

\*For the corresponding position, please make an inquire to sales person in our company.

| PARTS NAME   | MATERIAL                        | QTY     | REMARKS                                                                             |
|--------------|---------------------------------|---------|-------------------------------------------------------------------------------------|
| 1 HOUSING    | TERMOPLASTIC HALOGEN FREE RESIN | 1       | UL94V-0,COLOR:BLACK                                                                 |
| 2 ACTUATOR   | TERMOPLASTIC HALOGEN FREE RESIN | 1       | UL94V-0,COLOR:NATURAL                                                               |
| 3 CONTACT A  | COPPER ALLOY                    | (n-1)/2 | [PLATING]<br>ALL OVER Ni(WITH Ni BARRIER)<br>CONTACT AREA:Au<br>SOLDER TAIL AREA:Au |
| 4 CONTACT B  | COPPER ALLOY                    | (n+1)/2 |                                                                                     |
| 5 FIXING TAB | COPPER ALLOY                    | 2       | [PLATING]<br>ALL OVER Ni,Sn                                                         |

n:NO OF CONTACT

NOTE

1.CO-PLANARITY:0.08mmMAX

2.THICKNESS OF A METAL MASK:0.1mm

3.FPC

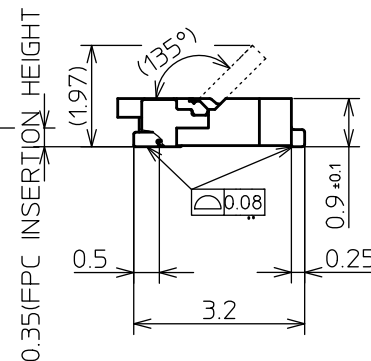
Adhesive method of supporting tape shall be heat crimping method and thermosetting adhesive material shall be used.

4.PRODUCT

Recommended PCB layout and FPC area the same as 10064555-\*\*-2110\*LF(YLL-Upper contact type)

5.OTHER

This product meets European Union Directives and other country regulation as described in GS-22-008



0.35(FPC) INSERTION HEIGHT

mat'l. code

surface ISO 1302 tolerance ISO 406 ISO 1101

projection

product family 587F (YLL-D) CODE JP

| l/r | description | ec'n no       | dr  | date       | tolerances unless otherwise specified |
|-----|-------------|---------------|-----|------------|---------------------------------------|
| A   | Released    | J10-0185      | T.I | 2010-07-06 | linear                                |
| B   | Revised     | ELX-J-01245-1 | T.I | 2012-08-31 | linear                                |
| C   | Revised     | ELX-J-14161-1 | T.I | 2013-03-05 | linear                                |

title 0.3mm PITCH FPC CONNECTOR DOWN CONTACT TYPE

| dr | engr       | chr      | appd     | date       |
|----|------------|----------|----------|------------|
|    | T.SHISHITA | H.Suzuki | N.Sasame | 2013-03-05 |

dwg no 10061122 sheet of 7 of 7

| sheet index | revision sheet | Rev. |
|-------------|----------------|------|
|             |                | C    |

type Product Customer Drawing

# Mouser Electronics

Authorized Distributor

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## FCI / Amphenol:

|                                           |                                           |                                           |                                           |                                           |
|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|
| <a href="#"><u>10061122-211110HLF</u></a> | <a href="#"><u>10061122-351110HLF</u></a> | <a href="#"><u>10061122-131120HLF</u></a> | <a href="#"><u>10061122-171120HLF</u></a> | <a href="#"><u>10061122-211120HLF</u></a> |
| <a href="#"><u>10061122-251120HLF</u></a> | <a href="#"><u>10061122-291320HLF</u></a> | <a href="#"><u>10061122-331320HLF</u></a> | <a href="#"><u>10061122-351320HLF</u></a> | <a href="#"><u>10061122-391320HLF</u></a> |
| <a href="#"><u>10061122-391420HLF</u></a> | <a href="#"><u>10061122-411320HLF</u></a> | <a href="#"><u>10061122-451420HLF</u></a> | <a href="#"><u>10061122-171110HLF</u></a> | <a href="#"><u>10061122-391110HLF</u></a> |
| <a href="#"><u>10061122-511210HLF</u></a> | <a href="#"><u>10061122-151220HLF</u></a> | <a href="#"><u>10061122-211220HLF</u></a> | <a href="#"><u>10061122-151120HLF</u></a> | <a href="#"><u>10061122-411420HLF</u></a> |
| <a href="#"><u>10061122-231120HLF</u></a> | <a href="#"><u>10061122-331420HLF</u></a> | <a href="#"><u>10061122-271320HLF</u></a> | <a href="#"><u>10061122-511420HLF</u></a> |                                           |