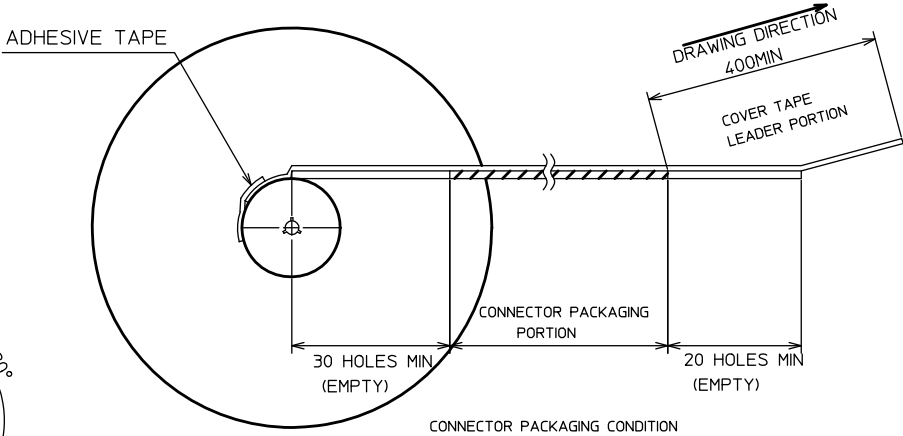
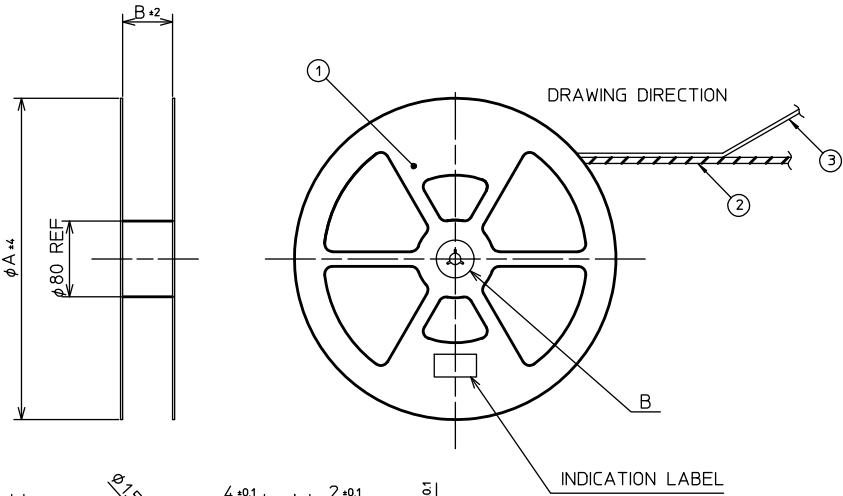


PRODUCT NO  
10061122-\*\*-1\*\*0\*LF

| 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**0*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

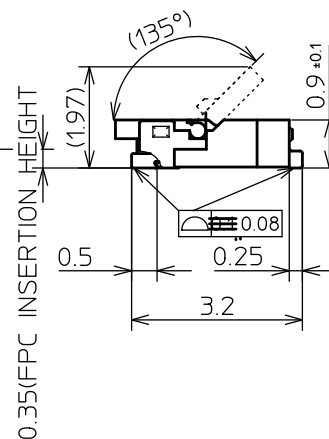
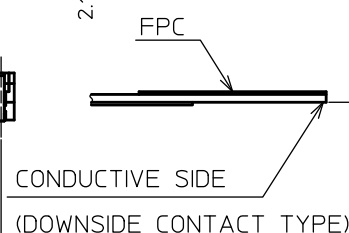
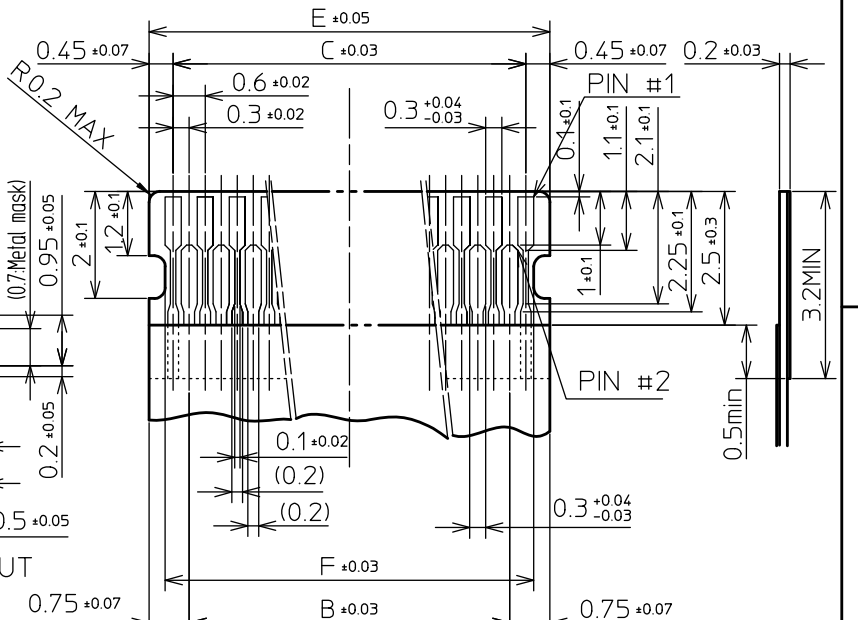
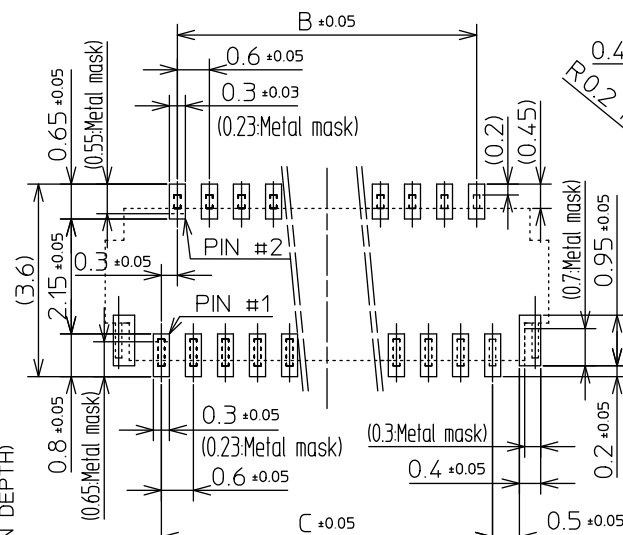
CONTACT SIDE 1: DOWN SIDE

NO OF POSITION

SERIES NAME

| mat'l. code |             |               |     | surface    |                                       | tolerance       |          | projection                                                                            | product family            | CODE                           |
|-------------|-------------|---------------|-----|------------|---------------------------------------|-----------------|----------|---------------------------------------------------------------------------------------|---------------------------|--------------------------------|
|             |             |               |     | ISO 1302   |                                       | ISO 406 ISO 101 |          |                                                                                       |                           |                                |
| l/r         | description | ecn no        | dr  | date       | tolerances unless otherwise specified |                 |          |  | title                     | JP                             |
| S           | REVISED     | ELX-J-14161-1 | T.J | 2013-03-05 | ± 0.3                                 |                 |          |                                                                                       |                           |                                |
| R           | REVISED     | ELX-J-02415-1 | T.J | 2012-08-31 | angles                                |                 |          | MM                                                                                    | 0.3mm PITCH FPC CONNECTOR | DOWN CONTACT TYPE ET PACKAGING |
| P           | REVISED     | J11-0280      | T.J | 2011-12-14 | linear                                |                 |          |                                                                                       |                           |                                |
| N           | REVISED     | J10-0268      | T.J | 2010-10-12 | ± 3                                   |                 |          | scale                                                                                 | dwg no                    | sheet of                       |
| M           | REVISED     | J10-0185      | T.J | 2010-07-06 | dr                                    |                 |          |                                                                                       |                           |                                |
| L           | REVISED     | J10-0073      | T.J | 2010-05-17 | engr                                  |                 |          | T.shiehita                                                                            | 2013-03-05                | FCJ                            |
| K           | REVISED     | J08-0430      | K.O | 2008-11-10 | chr                                   |                 |          |                                                                                       |                           |                                |
|             |             |               |     | appd       |                                       |                 | N.Sasame |                                                                                       |                           | 2013-03-05                     |
| sheet       | revision    | S             | N   | G          | A                                     | B               | C        |                                                                                       |                           |                                |
| index       | sheet       | 1             | 2   | 3          | 4                                     | 5               | 6        | 7                                                                                     |                           |                                |
|             |             |               |     |            |                                       |                 |          |                                                                                       |                           | Rev.                           |
|             |             |               |     |            |                                       |                 |          |                                                                                       |                           | S                              |

OBSOLETE

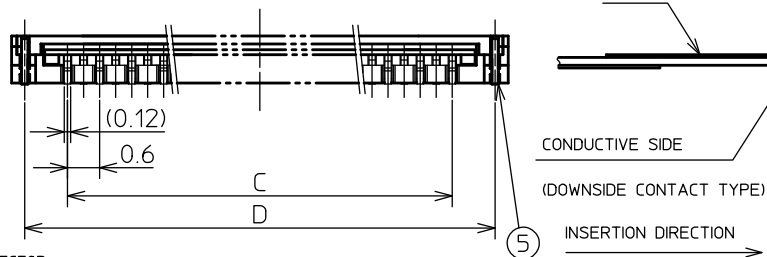


THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER  
COUNTRY REGULATIONSAS DESCRIBED IN GS-22-008

| P/N              | A    | B    | C    | D    | E    | F    | G     |          |
|------------------|------|------|------|------|------|------|-------|----------|
| 40064122-43111LF | 5.7  | 3.0  | 3.6  | 5.2  | 4.5  | 3.9  | 4.53  | OBSOLETE |
| 40064122-45111LF | 6.3  | 3.6  | 4.2  | 5.8  | 5.1  | 4.5  | 5.13  | OBSOLETE |
| 40064122-47111LF | 6.9  | 4.2  | 4.8  | 6.4  | 5.7  | 5.1  | 5.73  | OBSOLETE |
| 40064122-21111LF | 8.1  | 5.4  | 6.0  | 7.6  | 6.9  | 6.3  | 6.93  | OBSOLETE |
| 40064122-23111LF | 8.7  | 6.0  | 6.6  | 8.2  | 7.5  | 6.9  | 7.53  | OBSOLETE |
| 40064122-25111LF | 9.3  | 6.6  | 7.2  | 8.8  | 8.1  | 7.5  | 8.13  | OBSOLETE |
| 40064122-33111LF | 11.7 | 9.0  | 9.6  | 11.2 | 10.5 | 9.9  | 10.53 | OBSOLETE |
| 40064122-35111LF | 12.3 | 9.6  | 10.2 | 11.8 | 11.1 | 10.5 | 11.13 | OBSOLETE |
| 40064122-39111LF | 13.5 | 10.8 | 11.4 | 13.0 | 12.3 | 11.7 | 12.33 | OBSOLETE |
| 40064122-41111LF | 14.1 | 11.4 | 12.0 | 13.6 | 12.9 | 12.3 | 12.93 | OBSOLETE |

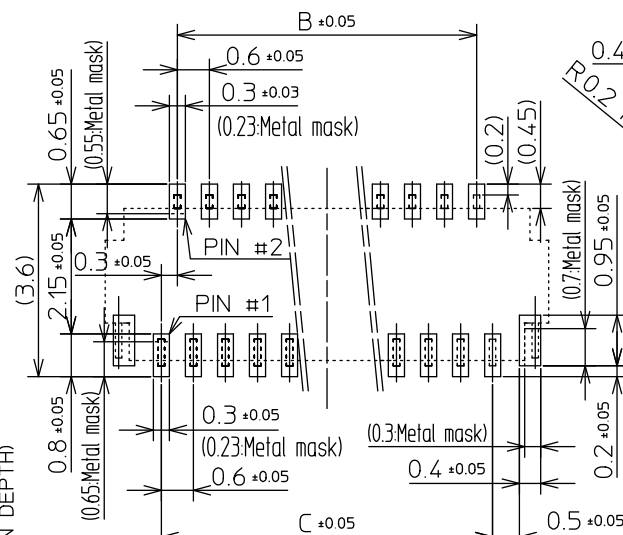
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Printed: Mar 06, 2013

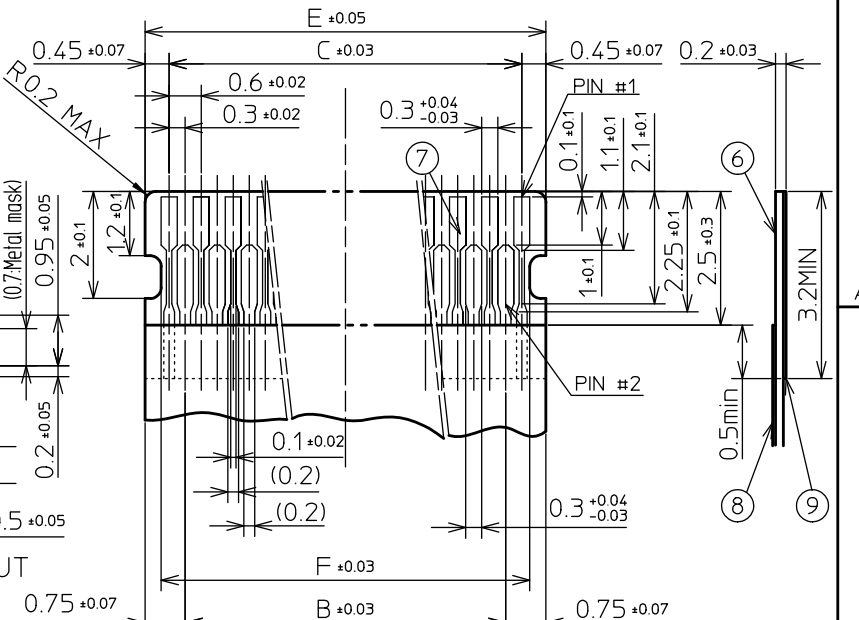


|   | PARTS NAME | MATERIAL                        | QTY     | REMARKS                                   |
|---|------------|---------------------------------|---------|-------------------------------------------|
| 1 | HOUSING    | TERMOPLASTIC HALOGEN FREE RESIN | 1       | UL94V-0.COLOR:BLACK    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

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



## RECOMMENDED PC BOARD LAYOUT



## RECOMMENDED FPC CONFIGURATION

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

NO OF CONTACT

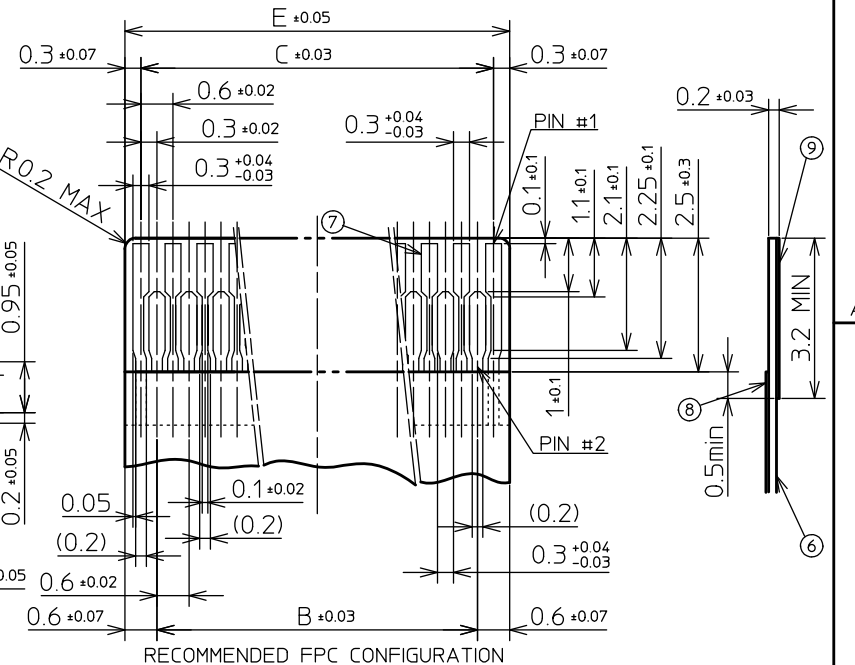
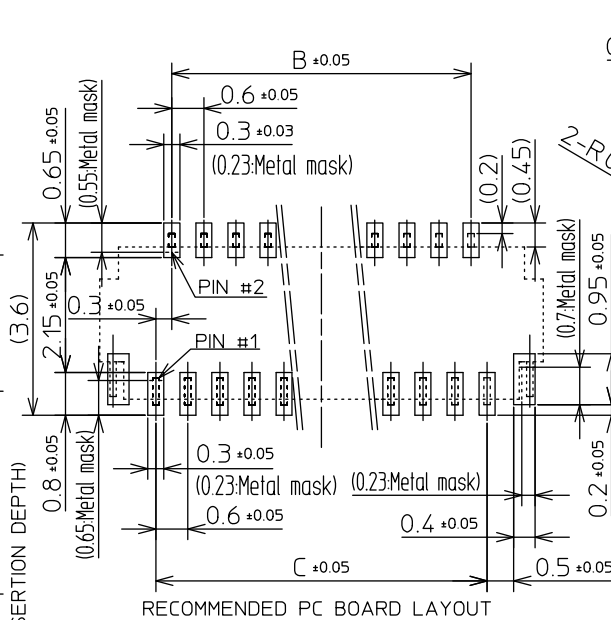
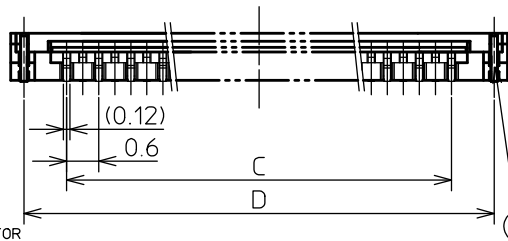
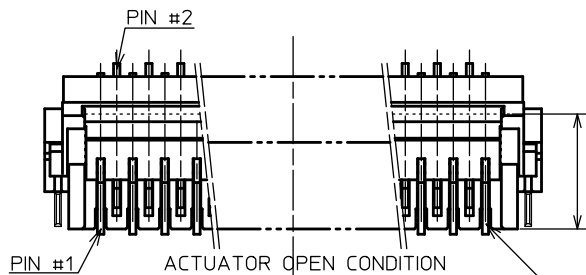
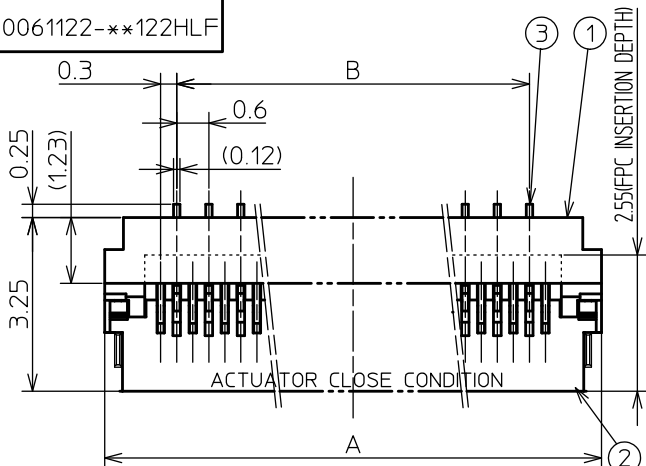
| P/N               | A   | B   | C   | D   | E   | F   |
|-------------------|-----|-----|-----|-----|-----|-----|
| 10061122-13112HLF | 5.7 | 3.0 | 3.6 | 5.2 | 4.5 | 3.9 |
| 10061122-15112HLF | 6.3 | 3.6 | 4.2 | 5.8 | 5.1 | 4.5 |
| 10061122-17112HLF | 6.9 | 4.2 | 4.8 | 6.4 | 5.7 | 5.1 |
| 10061122-21112HLF | 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]

PRODUCT NO

10061122-\*\*-122HLF



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

n: NO OF CONTACT

## CONNECTOR

| 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 |
| 4 CONTACT B  | COPPER ALLOY                    | (n+1)/2 | SOLDER TAIL AREA: Au                                          |
| 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.

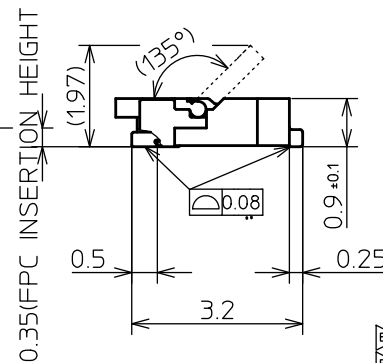
## 4.PRODUCT

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

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.

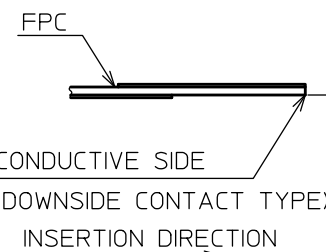
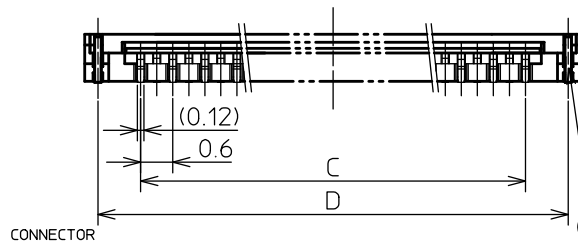
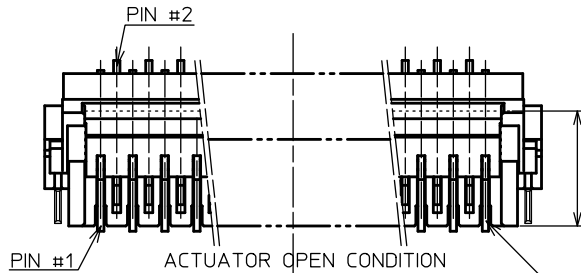
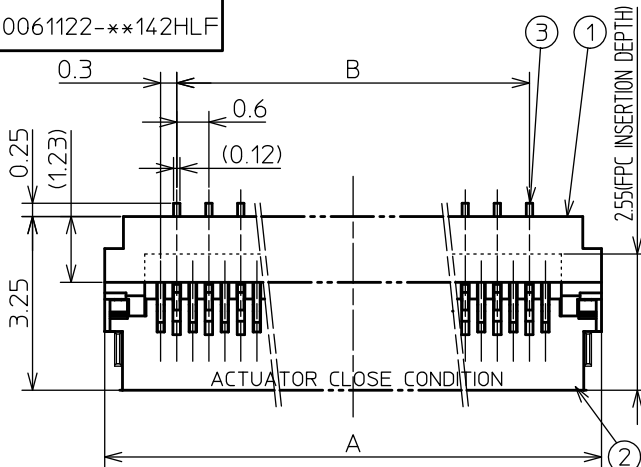
|             |  |                |  |               |          |            |                  |                                       |            |          |                |             |          |                           |                  |  |         |
|-------------|--|----------------|--|---------------|----------|------------|------------------|---------------------------------------|------------|----------|----------------|-------------|----------|---------------------------|------------------|--|---------|
| mat'l. code |  |                |  |               | surface  |            | tolerance        |                                       | projection |          | product family |             |          | CODE                      |                  |  |         |
|             |  |                |  |               | ISO 1302 |            | ISO 406 ISO 1101 |                                       |            |          | 587F (YLL-D)   |             |          | JP                        |                  |  |         |
| ltr         |  | description    |  | ecn no        | dr       | date       |                  | tolerances unless otherwise specified |            |          |                | title       |          |                           |                  |  |         |
| A           |  | Released       |  | J10-0185      | T.I      | 2010-07-06 |                  | angles                                |            | linear   |                | ± 0.2       |          | 0.3mm PITCH FPC CONNECTOR |                  |  |         |
| B           |  | Revised        |  | ELX-J-01245-1 | T.I      | 2012-08-31 |                  |                                       |            |          |                |             |          | DOWN CONTACT TYPE         |                  |  |         |
|             |  |                |  |               |          |            |                  | ± 2°                                  |            |          |                | scale       |          |                           |                  |  |         |
|             |  |                |  |               |          |            |                  | dr                                    |            | engr     |                | T.ISHISHITA |          | 2012-08-31                |                  |  |         |
|             |  |                |  |               |          |            |                  | chr                                   |            | H Suzuki |                | 2012-08-31  |          |                           |                  |  |         |
|             |  |                |  |               |          |            |                  | appd                                  |            | MKajiura |                | 2012-08-31  |          |                           |                  |  |         |
| sheet index |  | revision sheet |  |               |          |            |                  |                                       |            |          |                |             | dwg no   |                           | sheet of         |  | size    |
|             |  |                |  |               |          |            |                  |                                       |            |          |                |             | 10061122 |                           | 5of7             |  | A3      |
|             |  |                |  |               |          |            |                  |                                       |            |          |                |             | type     |                           | Product Customer |  | Drawing |
|             |  |                |  |               |          |            |                  |                                       |            |          |                |             |          |                           |                  |  | Rev. B  |





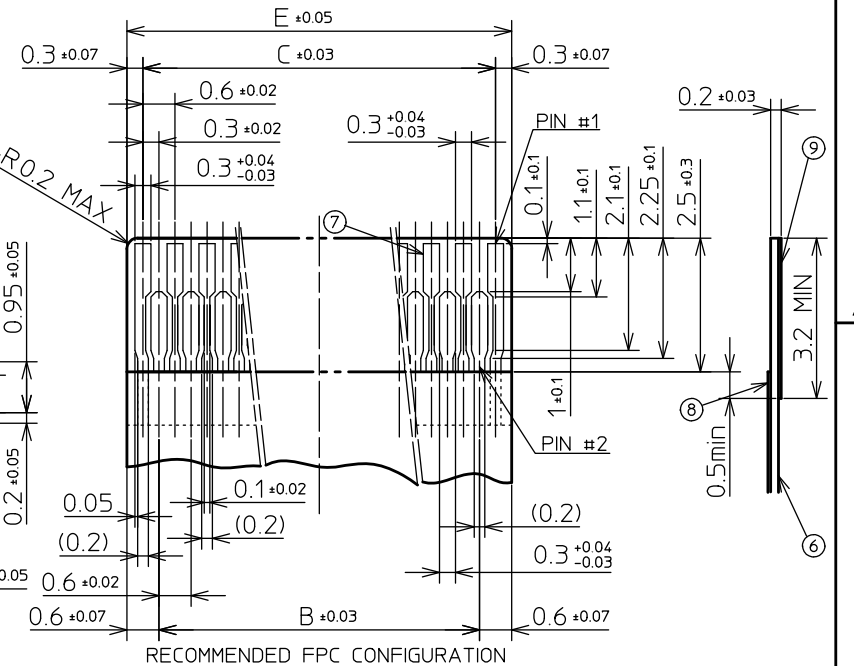
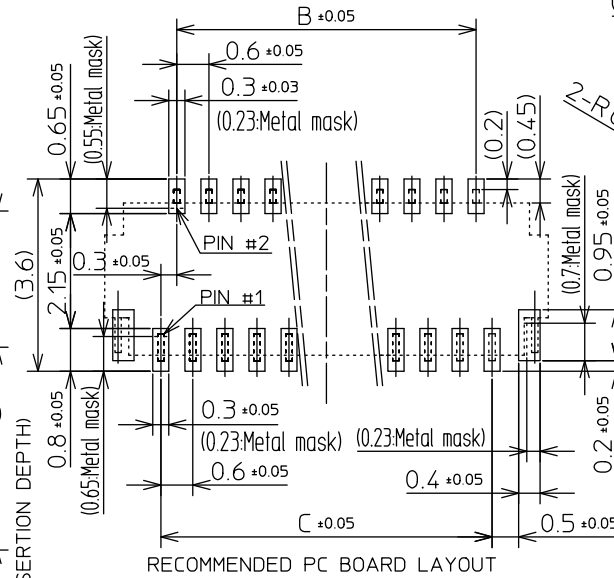
PRODUCT NO

10061122-\*\*-142HLF



| 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) |
| 4 | CONTACT B  | COPPER ALLOY                    | (n+1)/2 | CONTACT AREA:AU<br>SOLDER TAIL AREA:AU    |
| 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



| 6 | 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.

| 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-01245-1 | T.I        | 2012-08-31     | ± 2'                                  |
| C           | Revised      | ELX-J-14161-1 | T.I        | 2013-03-05     | ± 2'                                  |
| dr          | T.I SHISHITA | 2013-03-05    | engr       | H.Suzuki       | 2013-03-05                            |
| chr         | N.Sasame     | 2013-03-05    | appd       | N.Sasame       | 2013-03-05                            |
| sheet       | revision     | sheet         | sheet      | sheet          | sheet                                 |
| index       | index        | index         | index      | index          | index                                 |

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|                                           |                                           |                                           |                                           |                                           |
|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|
| <u><a href="#">10061122-211110HLF</a></u> | <u><a href="#">10061122-131120HLF</a></u> | <u><a href="#">10061122-251120HLF</a></u> | <u><a href="#">10061122-291320HLF</a></u> | <u><a href="#">10061122-391320HLF</a></u> |
| <u><a href="#">10061122-391420HLF</a></u> | <u><a href="#">10061122-451420HLF</a></u> | <u><a href="#">10061122-511210HLF</a></u> | <u><a href="#">10061122-151120HLF</a></u> |                                           |