

## Configuration of Documents

|             |                |     |            |                                       |            |                                  |  |                |  |                     |                               |                                                                           |  |            |           |
|-------------|----------------|-----|------------|---------------------------------------|------------|----------------------------------|--|----------------|--|---------------------|-------------------------------|---------------------------------------------------------------------------|--|------------|-----------|
| mat'l. code |                |     |            | surface 58<br>ISO 1302 ✓              |            | tolerance<br>ISO 406<br>ISO 1101 |  | projection<br> |  | product family 580F |                               |                                                                           |  | CODE<br>JP |           |
| ltr         | ecn no         | dr  | date       | tolerances unless otherwise specified |            |                                  |  |                |  | mm<br>← →           |                               | title<br>HFW_S Documents Configuration<br>(1mm Contact Spacing connector) |  |            |           |
| A           | J05-0334       | H.T | 6/3/'05    | angles                                |            | linear                           |  |                |  |                     |                               |                                                                           |  |            |           |
| B           | J06-0435       | H.T | 10/26/'06  |                                       |            |                                  |  |                |  | scale $\propto$     |                               | dwg no sheet 1 of 1 size<br>JSA96472 A4                                   |  |            |           |
| C           | J07-0481       | H.T | 2007-9-26  |                                       |            |                                  |  |                |  |                     |                               |                                                                           |  |            |           |
| D           | J07-0502       | H.T | 2007-10-10 | dr                                    | 2007-10-10 |                                  |  |                |  |                     | type Product Customer Drawing |                                                                           |  |            |           |
|             |                |     |            | enr                                   | 2007-10-10 |                                  |  |                |  |                     |                               |                                                                           |  |            |           |
|             |                |     |            | chr                                   | 2007-10-10 |                                  |  |                |  |                     |                               |                                                                           |  |            |           |
|             |                |     |            | appd                                  | 2007-10-10 |                                  |  |                |  |                     |                               |                                                                           |  |            |           |
| sheet index | revision sheet | D   | 1          |                                       |            |                                  |  |                |  |                     |                               |                                                                           |  |            | Rev.<br>D |

form: A4

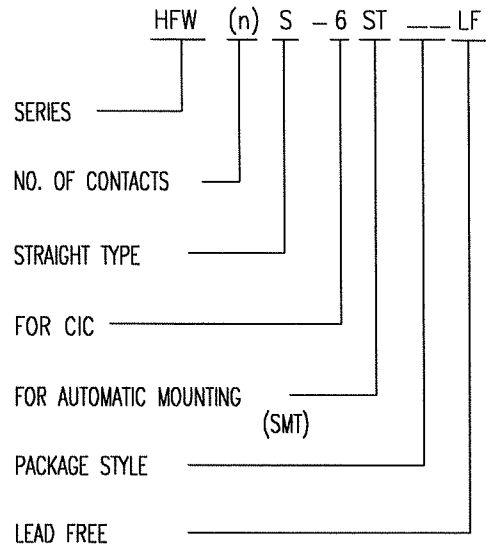
1

2

## CAT. NO. &amp; DIMENSIONS

| (NOTE3) | NO. OF CONTACTS (n) | CAT. NO.       | DIMENSIONS (NOTE2) |       |       |       |       |
|---------|---------------------|----------------|--------------------|-------|-------|-------|-------|
|         |                     |                | A±0.2              | B±0.2 | C±0.2 | D±0.2 | E±0.2 |
|         | 4                   | HFW4S-6ST__LF  | 7                  | 5.14  | 3     | —     | —     |
|         | 5                   | HFW5S-6ST__LF  | 8                  | 6.14  | 4     | —     | —     |
|         | 6                   | HFW6S-6ST__LF  | 9                  | 7.14  | 5     | —     | —     |
|         | 7                   | HFW7S-6ST__LF  | 10                 | 8.14  | 6     | —     | —     |
|         | 8                   | HFW8S-6ST__LF  | 11                 | 9.14  | 7     | —     | —     |
|         | 9                   | HFW9S-6ST__LF  | 12                 | 10.14 | 8     | 0.35  | 7.3   |
|         | 10                  | HFW10S-6ST__LF | 13                 | 11.14 | 9     | 0.35  | 8.3   |
|         | 11                  | HFW11S-6ST__LF | 14                 | 12.14 | 10    | 1.35  | 7.3   |
|         | 12                  | HFW12S-6ST__LF | 15                 | 13.14 | 11    | 1.35  | 8.3   |
|         | 13                  | HFW13S-6ST__LF | 16                 | 14.14 | 12    | 2.35  | 7.3   |
|         | 14                  | HFW14S-6ST__LF | 17                 | 15.14 | 13    | 2.35  | 8.3   |
|         | 15                  | HFW15S-6ST__LF | 18                 | 16.14 | 14    | 3.35  | 7.3   |
|         | 16                  | HFW16S-6ST__LF | 19                 | 17.14 | 15    | 3.35  | 8.3   |
|         | 17                  | HFW17S-6ST__LF | 20                 | 18.14 | 16    | 4.35  | 7.3   |
|         | 18                  | HFW18S-6ST__LF | 21                 | 19.14 | 17    | 4.35  | 8.3   |
|         | 19                  | HFW19S-6ST__LF | 22                 | 20.14 | 18    | 5.35  | 7.3   |
|         | 20                  | HFW20S-6ST__LF | 23                 | 21.14 | 19    | 5.35  | 8.3   |
|         | 21                  | HFW21S-6ST__LF | 24                 | 22.14 | 20    | 6.35  | 7.3   |
|         | 22                  | HFW22S-6ST__LF | 25                 | 23.14 | 21    | 6.35  | 8.3   |
|         | 23                  | HFW23S-6ST__LF | 26                 | 24.14 | 22    | 7.35  | 7.3   |
|         | 24                  | HFW24S-6ST__LF | 27                 | 25.14 | 23    | 7.35  | 8.3   |
|         | 25                  | HFW25S-6ST__LF | 28                 | 26.14 | 24    | 8.35  | 7.3   |
|         | 26                  | HFW26S-6ST__LF | 29                 | 27.14 | 25    | 8.35  | 8.3   |
|         | 27                  | HFW27S-6ST__LF | 30                 | 28.14 | 26    | 9.35  | 7.3   |
|         | 28                  | HFW28S-6ST__LF | 31                 | 29.14 | 27    | 9.35  | 8.3   |
|         | 29                  | HFW29S-6ST__LF | 32                 | 30.14 | 28    | 10.35 | 7.3   |
|         | 30                  | HFW30S-6ST__LF | 33                 | 31.14 | 29    | 10.35 | 8.3   |
| *       | 31                  | HFW31S-6ST__LF | 34                 | 32.14 | 30    | 11.35 | 7.3   |
|         | 32                  | HFW32S-6ST__LF | 35                 | 33.14 | 31    | 11.35 | 8.3   |
| *       | 33                  | HFW33S-6ST__LF | 36                 | 34.14 | 32    | 12.35 | 7.3   |

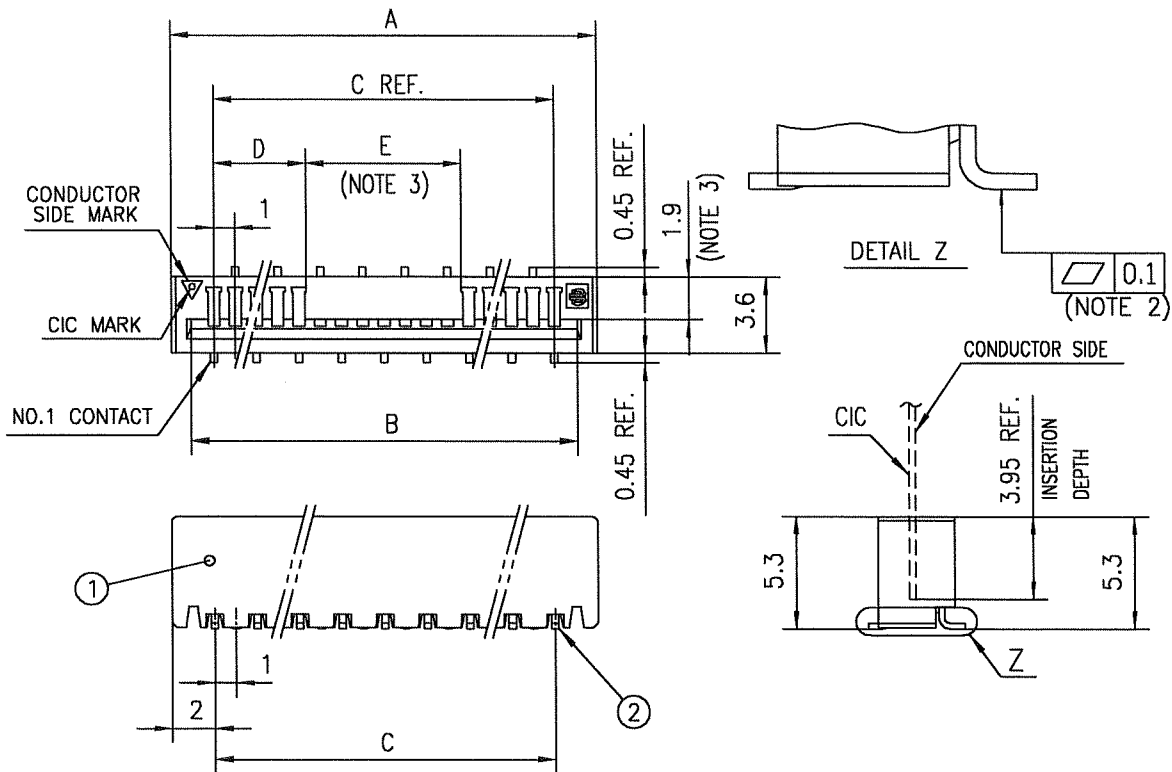
CAT. NO.



## NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE CIC AND COPE WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A~E.
3. PLEASE CONSULT US IN CASE OF USING PARTS WITH \* MARK.

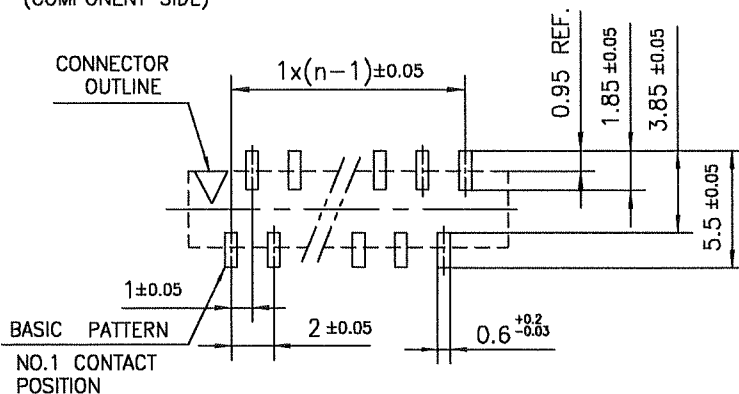
|             |          |     |           |                                                        |        |            |  |                                                                                     |  |         |  |
|-------------|----------|-----|-----------|--------------------------------------------------------|--------|------------|--|-------------------------------------------------------------------------------------|--|---------|--|
| mat'l. code |          |     |           | surface 58 / tolerance ISO 1302 ✓ / ISO 406 / ISO 1101 |        | projection |  | product family 580F                                                                 |  | CODE JP |  |
| ltr         | ecn no   | dr  | date      | tolerances unless otherwise specified                  |        | mm         |  | title<br>CAT. NO. TABLE FOR<br>1mm SPACING SMT CONNECTOR<br>(CAT.No.HFW__S-6ST__LF) |  |         |  |
| A           | J05-0334 | H.T | 6/3/'05   | angles                                                 | linear |            |  |                                                                                     |  |         |  |
| B           | J06-0435 | H.T | 10/26/'06 |                                                        |        | scale X    |  | dwg no sheet 1 of 1 size<br>JSA 96468 A4                                            |  |         |  |
|             |          |     |           |                                                        |        |            |  |                                                                                     |  |         |  |
|             |          |     |           | dr                                                     |        | FCI        |  | type Product Customer Drawing                                                       |  |         |  |
|             |          |     |           | engr                                                   |        |            |  |                                                                                     |  |         |  |
|             |          |     |           | chr                                                    |        |            |  |                                                                                     |  |         |  |
|             |          |     |           | appd                                                   |        |            |  |                                                                                     |  |         |  |
| sheet index | revision | B   | 1         |                                                        |        |            |  | Rev. B                                                                              |  |         |  |



| PT. NO. | PARTS NAME | MATERIAL                              | Q'TY | NOTE                            |
|---------|------------|---------------------------------------|------|---------------------------------|
| 1       | HOUSING    | PA6T RESIN GLASS REINFORCED (UL94V-0) | 1    | COLOR : BLACK                   |
| 2       | CONTACT    | PHOSPHOR BRONZE                       | n    | Ni UNDER Sn PLATING (LEAD FREE) |

n : NO. OF CONTACTS

#### RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)



#### NOTES

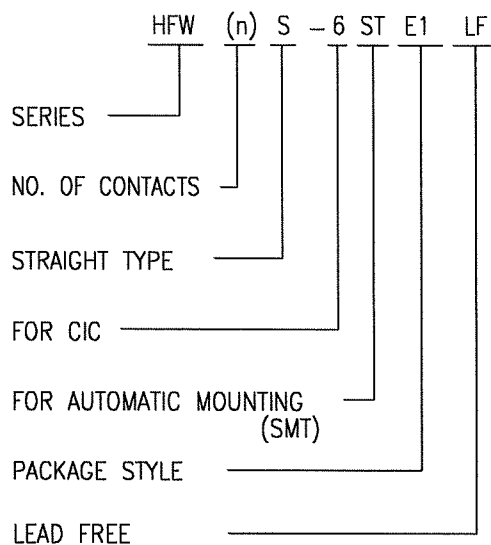
1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE CIC AND COPS WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS OF CONTACT TERMINAL MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS DIMENSION IS SPACE FOR THE NOZZLE OF MOUNTER.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

|             |          |            |           |                                                        |  |            |  |                                                                       |  |         |  |
|-------------|----------|------------|-----------|--------------------------------------------------------|--|------------|--|-----------------------------------------------------------------------|--|---------|--|
| mat'l. code |          |            |           | surface 58 / tolerance ISO 1302 ✓ / ISO 406 / ISO 1101 |  | projection |  | product family 580F                                                   |  | CODE JP |  |
| ltr         | ecn no   | dr         | date      | tolerances unless otherwise specified                  |  | mm         |  | title                                                                 |  |         |  |
| A           | J05-0334 | H.T        | 6/3/'05   | angles linear ±0.2                                     |  | mm         |  | 1mm SPACING SURFACE MOUNT<br>CIC CONNECTOR<br>(CAT.No.HFW__S-6ST__LF) |  |         |  |
| B           | J05-0731 | H.T        | 10/28/'05 |                                                        |  | scale X    |  | dwg no sheet 1 of 1 size                                              |  |         |  |
| C           | J06-0435 | H.T        | 10/26/'06 |                                                        |  |            |  | JSA 96469 A4                                                          |  |         |  |
|             |          |            |           | dr                                                     |  | 10/26/'06  |  | type Product Customer Drawing                                         |  |         |  |
|             |          |            |           | engr                                                   |  | 10/26/'06  |  |                                                                       |  |         |  |
|             |          |            |           | chr                                                    |  | 10/26/'06  |  |                                                                       |  |         |  |
|             |          |            |           | appd                                                   |  | 10/27/'06  |  |                                                                       |  |         |  |
| sheet index |          | revision C |           |                                                        |  |            |  |                                                                       |  | Rev. C  |  |
| sheet 1     |          |            |           |                                                        |  |            |  |                                                                       |  |         |  |

## CAT. NO. &amp; DIMENSIONS

| (NOTE4) | NO. OF CONTACTS (n) | CAT. NO. (NOTE2) | DIMENSIONS (NOTE3) |         |         |
|---------|---------------------|------------------|--------------------|---------|---------|
|         |                     |                  | F ± 5              | G ± 0.3 | H ± 0.1 |
|         | 4                   | HFW4S-6STE1LF    | 28.4               | 24      | —       |
|         | 5                   | HFW5S-6STE1LF    | 28.4               | 24      | —       |
|         | 6                   | HFW6S-6STE1LF    | 28.4               | 24      | —       |
|         | 7                   | HFW7S-6STE1LF    | 28.4               | 24      | —       |
|         | 8                   | HFW8S-6STE1LF    | 28.4               | 24      | —       |
|         | 9                   | HFW9S-6STE1LF    | 28.4               | 24      | —       |
|         | 10                  | HFW10S-6STE1LF   | 28.4               | 24      | —       |
|         | 11                  | HFW11S-6STE1LF   | 28.4               | 24      | —       |
|         | 12                  | HFW12S-6STE1LF   | 28.4               | 24      | —       |
|         | 13                  | HFW13S-6STE1LF   | 28.4               | 24      | —       |
|         | 14                  | HFW14S-6STE1LF   | 36.4               | 32      | 28.4    |
|         | 15                  | HFW15S-6STE1LF   | 36.4               | 32      | 28.4    |
|         | 16                  | HFW16S-6STE1LF   | 36.4               | 32      | 28.4    |
|         | 17                  | HFW17S-6STE1LF   | 36.4               | 32      | 28.4    |
|         | 18                  | HFW18S-6STE1LF   | 48.4               | 44      | 40.4    |
|         | 19                  | HFW19S-6STE1LF   | 48.4               | 44      | 40.4    |
|         | 20                  | HFW20S-6STE1LF   | 48.4               | 44      | 40.4    |
|         | 21                  | HFW21S-6STE1LF   | 48.4               | 44      | 40.4    |
|         | 22                  | HFW22S-6STE1LF   | 48.4               | 44      | 40.4    |
|         | 23                  | HFW23S-6STE1LF   | 48.4               | 44      | 40.4    |
|         | 24                  | HFW24S-6STE1LF   | 48.4               | 44      | 40.4    |
|         | 25                  | HFW25S-6STE1LF   | 48.4               | 44      | 40.4    |
|         | 26                  | HFW26S-6STE1LF   | 48.4               | 44      | 40.4    |
|         | 27                  | HFW27S-6STE1LF   | 48.4               | 44      | 40.4    |
|         | 28                  | HFW28S-6STE1LF   | 48.4               | 44      | 40.4    |
|         | 29                  | HFW29S-6STE1LF   | 60.4               | 56      | 52.4    |
|         | 30                  | HFW30S-6STE1LF   | 60.4               | 56      | 52.4    |
| *       | 31                  | HFW31S-6STE1LF   | 60.4               | 56      | 52.4    |
|         | 32                  | HFW32S-6STE1LF   | 60.4               | 56      | 52.4    |
| *       | 33                  | HFW33S-6STE1LF   | 60.4               | 56      | 52.4    |

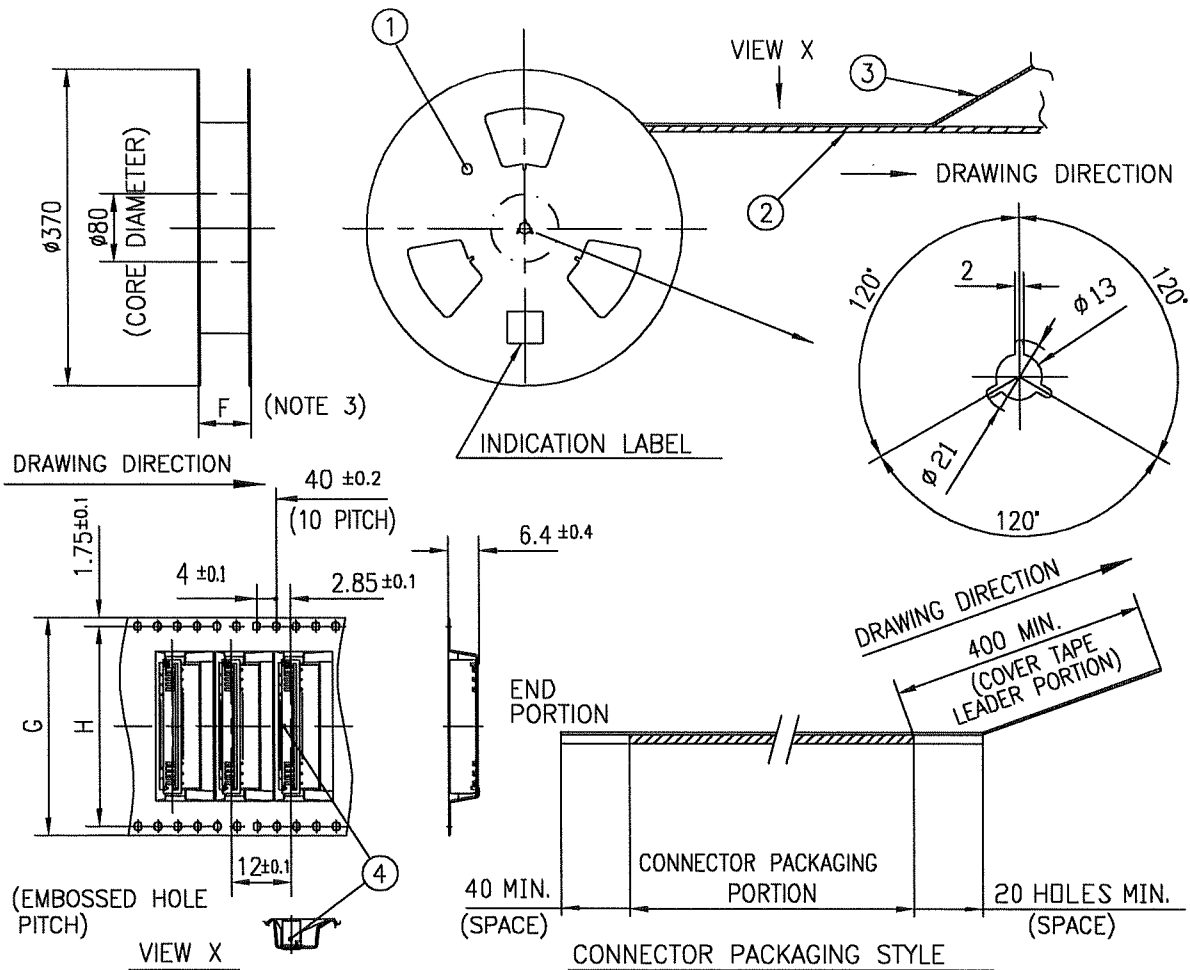
CAT. NO.



## NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE CIC AND COPE WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS F~G.
4. PLEASE CONSULT US IN CASE OF USING PARTS WITH \* MARK.

|             |          |     |           |                                                        |           |            |  |                                                                                         |  |         |  |        |
|-------------|----------|-----|-----------|--------------------------------------------------------|-----------|------------|--|-----------------------------------------------------------------------------------------|--|---------|--|--------|
| mat'l. code |          |     |           | surface 58 / tolerance ISO 1302 ✓ / ISO 406 / ISO 1101 |           | projection |  | product family 580F                                                                     |  | CODE JP |  |        |
| ltr         | ecn no   | dr  | date      | tolerances unless otherwise specified                  |           | mm         |  | title                                                                                   |  |         |  |        |
| A           | J05-0334 | H.T | 6/3/'05   | angles                                                 | linear    | mm         |  | CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. (CAT.No. HFW__S-6STE1LF) |  |         |  |        |
| B           | J06-0435 | H.T | 10/26/'06 |                                                        |           | scale X    |  | dwg no JSA 96470 sheet 1 of 1 size A4                                                   |  |         |  |        |
|             |          |     |           | dr                                                     | 10/26/'06 | FCI        |  | type Product Customer Drawing                                                           |  |         |  |        |
|             |          |     |           | engr                                                   | 10/26/'06 |            |  |                                                                                         |  |         |  |        |
|             |          |     |           | chr                                                    | 10/26/'06 |            |  |                                                                                         |  |         |  |        |
|             |          |     |           | appd                                                   | 10/26/'06 |            |  |                                                                                         |  |         |  |        |
| sheet index | revision | B   | 1         |                                                        |           |            |  |                                                                                         |  |         |  | Rev. B |



| PT. NO. | PARTS NAME               | CAT. NO.       | MATERIAL          | Q'TY  | NOTE               |
|---------|--------------------------|----------------|-------------------|-------|--------------------|
| 1       | REEL                     | _____          | CARDBOARD         | 1     | COLOR:GRAY         |
| 2       | PLASTIC (EMBOSSSED) TAPE | _____          | PET               | _____ | COLOR:TRANSPARENCY |
| 3       | COVER                    | _____          | POLYESTER         | _____ | COLOR:TRANSPARENCY |
| 4       | CONNECTOR                | HFW__S-6ST__LF | SEE ATTACHED DWG. | 1000  | _____              |

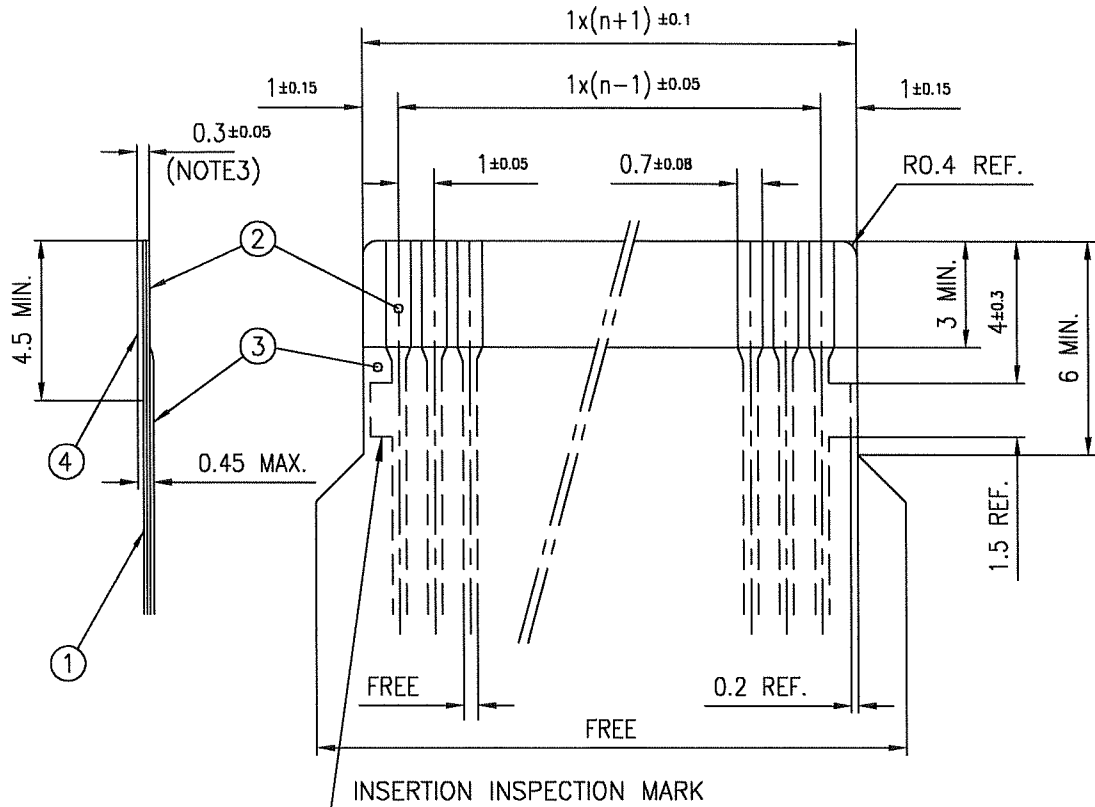
## NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR CIC AND CYPES WITH AUTOMATIC MOUNTING (SMT).
2. SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSSSED) TAPE AND REEL.
3. F DIMENSION IS PORTION OF THE CORE.

|             |          |            |           |                                                    |           |            |  |                                                                                                                                                                                  |  |         |  |
|-------------|----------|------------|-----------|----------------------------------------------------|-----------|------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------|--|
| mat'l. code |          |            |           | surface 58 / tolerance ISO 1302 ✓ ISO 406 ISO 1101 |           | projection |  | product family 580F                                                                                                                                                              |  | CODE JP |  |
| ltr         | ecn no   | dr         | date      | tolerances unless otherwise specified              |           | mm         |  | title PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (CAT.No.HFW__S-6STE1LF)                                                                                                    |  |         |  |
| A           | J05-0334 | H.T        | 6/3/'05   | angles                                             | linear    | mm         |  | <div style="display: flex; align-items: center;"> <div>             sheet 1 of 1<br/>             size A4<br/>             type Product Customer Drawing           </div> </div> |  |         |  |
| B           | J06-0435 | H.T        | 10/26/'06 | ±5°                                                |           | scale X    |  |                                                                                                                                                                                  |  |         |  |
|             |          |            |           | dr                                                 | 10/26/'06 |            |  |                                                                                                                                                                                  |  |         |  |
|             |          |            |           | engr                                               | 10/26/'06 |            |  |                                                                                                                                                                                  |  |         |  |
|             |          |            |           | chr                                                | 10/26/'06 |            |  |                                                                                                                                                                                  |  |         |  |
|             |          |            |           | appd                                               | 10/27/'06 |            |  |                                                                                                                                                                                  |  |         |  |
| sheet index |          | revision B |           |                                                    |           |            |  |                                                                                                                                                                                  |  | Rev. B  |  |

## RECOMMENDED CABLE (CIC)

n : NO. OF CONDUCTOR



| PT. NO. | PARTS NAME      | MATERIAL                        | THICKNESS ( $\mu\text{m}$ ) |     |
|---------|-----------------|---------------------------------|-----------------------------|-----|
| 1       | BASE FILM       | POLYESTER OR EQUAL              | 75                          | 25  |
| 2       | CONDUCTOR       | CARBON PASTE OVER SILVER PASTE  | 10 MIN.                     |     |
| 3       | OVERLAY         | POLYIMIDE OR POLYESTER OR EQUAL | —                           |     |
| 4       | SUPPORTING TAPE | POLYESTER OR POLYIMIDE OR EQUAL | 188                         | 250 |

## NOTES

1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.
3. TOTAL THICKNESS LIMIT OF EACH MATERIAL (INCLUDING ADHESIVE AGENT) IS SPECIFIED.

|             |                |     |            |                                                    |                  |            |  |                                                     |                               |         |         |
|-------------|----------------|-----|------------|----------------------------------------------------|------------------|------------|--|-----------------------------------------------------|-------------------------------|---------|---------|
| mat'l. code |                |     |            | surface 58 / tolerance ISO 1302 ✓ ISO 406 ISO 1101 |                  | projection |  | product family 580F                                 |                               | CODE JP |         |
| ltr         | ecn no         | dr  | date       | tolerances unless otherwise specified              |                  |            |  | title<br>RECOMMENDED CABLE<br>(CAT.No.HFW__S-6ST__) |                               |         |         |
| AA          | J04-0334       | H.T | Oct.13,'04 |                                                    |                  | mm         |  |                                                     |                               |         |         |
| AB          | J06-0435       | H.T | 10/26/'06  | angles                                             | linear           |            |  | dwg no sheet 1 of 1 size<br>JSA 93944 A4            |                               |         |         |
|             |                |     |            |                                                    |                  | scale X    |  |                                                     |                               |         |         |
|             |                |     |            | dr                                                 | <i>H. Saito</i>  | 10/26/06   |  |                                                     | type Product Customer Drawing |         |         |
|             |                |     |            | engr                                               | <i>H. Saito</i>  | 10/26/06   |  |                                                     |                               |         |         |
|             |                |     |            | chr                                                | <i>R. Shouji</i> | 10/26/06   |  |                                                     |                               |         |         |
|             |                |     |            | appd                                               | <i>S. Nakano</i> | 10/27/06   |  |                                                     |                               |         |         |
| sheet index | revision sheet | AB  | 1          |                                                    |                  |            |  |                                                     |                               |         | Rev. AB |

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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