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## Configuration of Documents

| P/N              | Documents                    | No.         | Title                                                          | CAT.No.        |
|------------------|------------------------------|-------------|----------------------------------------------------------------|----------------|
| SFW_S-25T(M)E1   | Specification Connector dwg. | SC-SFWS01   | CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR                     | SFW_S-25T      |
|                  |                              | JSA93342    | 1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR                    | SFW_S-25T      |
|                  |                              | JSA93579    | 1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR                    | SFW_S-25T      |
|                  |                              | JSA93836    | CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. | SFW_S-25T_E1   |
|                  |                              | JSA93343    | PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR                | SFW_S-25T_E1   |
|                  |                              | JSA93338    | RECOMMENDED CABLE                                              | SFW_S-25T      |
| SFW_S-65T(M)E1   | Cable dwg.                   | JSA93340    | RECOMMENDED CABLE                                              | SFW_S-25T      |
|                  | Manual                       | JSA93341    |                                                                | SFW_S-25T      |
|                  |                              | BJM-SFWS101 |                                                                |                |
|                  | Specification Connector dwg. | SC-SFWS02   | CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR                     | SFW_S-65T      |
|                  |                              | JSA93900    | 1mm SPACING SURFACE MOUNT C/C CONNECTOR                        | SFW_S-65T      |
|                  |                              | JSA93905    | 1mm SPACING SURFACE MOUNT C/C CONNECTOR                        | SFW_S-65T      |
| SFW_S-25T(M)E1LF |                              | JSA93901    | CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. | SFW_S-65T_E1   |
|                  |                              | JSA93902    | PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR                | SFW_S-65T_E1   |
|                  |                              | JSA93903    | RECOMMENDED CABLE                                              | SFW_S-65T      |
|                  | Cable dwg.                   | JSA93904    |                                                                |                |
|                  | Manual                       | BJM-SFWS102 |                                                                |                |
|                  |                              |             |                                                                |                |
| SFW_S-25T(M)E1LF | Specification Connector dwg. | SC-SFWS03   | CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR                     | SFW_S-25T_LF   |
|                  |                              | JSA96516    | 1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR                    | SFW_S-25T_LF   |
|                  |                              | JSA96517    | 1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR                    | SFW_S-25T_LF   |
|                  |                              | JSA96518    | CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. | SFW_S-25T_E1LF |
|                  |                              | JSA96519    | PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR                | SFW_S-25T_E1LF |
|                  |                              | JSA96520    | RECOMMENDED CABLE                                              | SFW_S-25T_LF   |
| SFW_S-65T(M)E1LF |                              | JSA93340    | RECOMMENDED CABLE                                              | SFW_S-25T_LF   |
|                  |                              | JSA93341    |                                                                |                |
|                  |                              | BJM-SFWS101 |                                                                |                |
|                  | Specification Connector dwg. | SC-SFWS04   | CAT. NO. TABLE FOR 1mm SPACING SMT CONNECTOR                   | SFW_S-65T_LF   |
|                  |                              | JSA96521    | 1mm SPACING SURFACE MOUNT C/C CONNECTOR                        | SFW_S-65T_LF   |
|                  |                              | JSA96522    | 1mm SPACING SURFACE MOUNT C/C CONNECTOR                        | SFW_S-65T_LF   |
| SFW_S-65T(M)E1LF |                              | JSA96523    | CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. | SFW_S-65T_E1LF |
|                  |                              | JSA96524    | PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR                | SFW_S-65T_E1LF |
|                  |                              | JSA96525    | RECOMMENDED CABLE                                              | SFW_S-65T_LF   |
|                  | Cable dwg.                   | JSA93904    |                                                                |                |
|                  | Manual                       | BJM-SFWS102 |                                                                |                |

|             |  |  |  |                                                      |  |            |  |                     |  |                                       |  |
|-------------|--|--|--|------------------------------------------------------|--|------------|--|---------------------|--|---------------------------------------|--|
| mat'l. code |  |  |  | surface 58 / tolerance ISO 1302 / ISO 406 / ISO 1101 |  | projection |  | product family 58SF |  | CODE JP                               |  |
| ltr         |  |  |  | ecn no                                               |  | dr         |  | date                |  | tolerances unless otherwise specified |  |
| A           |  |  |  | J05-0334                                             |  | H.T        |  | 6/3/'05             |  | angles                                |  |
| B           |  |  |  | J05-0377                                             |  | H.T        |  | 6/22/'05            |  | linear                                |  |
| C           |  |  |  | J06-0430                                             |  | H.T        |  | 10/19/'06           |  | scale                                 |  |
|             |  |  |  |                                                      |  |            |  |                     |  | dr                                    |  |
|             |  |  |  |                                                      |  |            |  |                     |  | engr                                  |  |
|             |  |  |  |                                                      |  |            |  |                     |  | chr                                   |  |
|             |  |  |  |                                                      |  |            |  |                     |  | appd                                  |  |
| sheet index |  |  |  | revision sheet                                       |  | C 1        |  |                     |  | size                                  |  |
|             |  |  |  |                                                      |  |            |  |                     |  | A4                                    |  |
|             |  |  |  |                                                      |  |            |  |                     |  | type                                  |  |
|             |  |  |  |                                                      |  |            |  |                     |  | Product Customer Drawing              |  |
|             |  |  |  |                                                      |  |            |  |                     |  | Rev. C                                |  |

form: A4

PDM: Rev:C

STATUS: Released

Printed: Feb 09, 2010

## CAT. NO. &amp; DIMENSIONS

| NOTE3 | NO. OF CONTACTS (n) | CAT. NO.       | DIMENSIONS (NOTE2) |        |        |
|-------|---------------------|----------------|--------------------|--------|--------|
|       |                     |                | A ±0.2             | B ±0.2 | C ±0.2 |
|       | 4                   | SFW4S-2ST__LF  | 10.4               | 5.24   | 3      |
|       | 5                   | SFW5S-2ST__LF  | 11.4               | 6.24   | 4      |
|       | 6                   | SFW6S-2ST__LF  | 12.4               | 7.24   | 5      |
| *     | 7                   | SFW7S-2ST__LF  | 13.4               | 8.24   | 6      |
|       | 8                   | SFW8S-2ST__LF  | 14.4               | 9.24   | 7      |
| *     | 9                   | SFW9S-2ST__LF  | 15.4               | 10.24  | 8      |
|       | 10                  | SFW10S-2ST__LF | 16.4               | 11.24  | 9      |
|       | 11                  | SFW11S-2ST__LF | 17.4               | 12.24  | 10     |
| *     | 12                  | SFW12S-2ST__LF | 18.4               | 13.24  | 11     |
|       | 13                  | SFW13S-2ST__LF | 19.4               | 14.24  | 12     |
|       | 14                  | SFW14S-2ST__LF | 20.4               | 15.24  | 13     |
|       | 15                  | SFW15S-2ST__LF | 21.4               | 16.24  | 14     |
|       | 16                  | SFW16S-2ST__LF | 22.4               | 17.24  | 15     |
|       | 17                  | SFW17S-2ST__LF | 23.4               | 18.24  | 16     |
| *     | 18                  | SFW18S-2ST__LF | 24.4               | 19.24  | 17     |
| *     | 19                  | SFW19S-2ST__LF | 25.4               | 20.24  | 18     |
|       | 20                  | SFW20S-2ST__LF | 26.4               | 21.24  | 19     |
| *     | 21                  | SFW21S-2ST__LF | 27.4               | 22.24  | 20     |
|       | 22                  | SFW22S-2ST__LF | 28.4               | 23.24  | 21     |
|       | 23                  | SFW23S-2ST__LF | 29.4               | 24.24  | 22     |
|       | 24                  | SFW24S-2ST__LF | 30.4               | 25.24  | 23     |
| *     | 25                  | SFW25S-2ST__LF | 31.4               | 26.24  | 24     |
|       | 26                  | SFW26S-2ST__LF | 32.4               | 27.24  | 25     |
| *     | 27                  | SFW27S-2ST__LF | 33.4               | 28.24  | 26     |
|       | 28                  | SFW28S-2ST__LF | 34.4               | 29.24  | 27     |
|       | 29                  | SFW29S-2ST__LF | 35.4               | 30.24  | 28     |
|       | 30                  | SFW30S-2ST__LF | 36.4               | 31.24  | 29     |
| *     | 31                  | SFW31S-2ST__LF | 37.4               | 32.24  | 30     |
| *     | 32                  | SFW32S-2ST__LF | 38.4               | 33.24  | 31     |

CAT. NO. SFW (n) S - 2 ST - - - LF

SERIES

NO. OF CONTACTS

STRAIGHT TYPE

FOR FPC / FFC

VARIATION

STM : FOR AUTOMATIC MOUNTING (SMT)  
WITH MOUNTING PLATE

ST : FOR AUTOMATIC MOUNTING (SMT)  
WITHOUT MOUNTING PLATE

PACKAGE STYLE

LEAD FREE

## NOTES

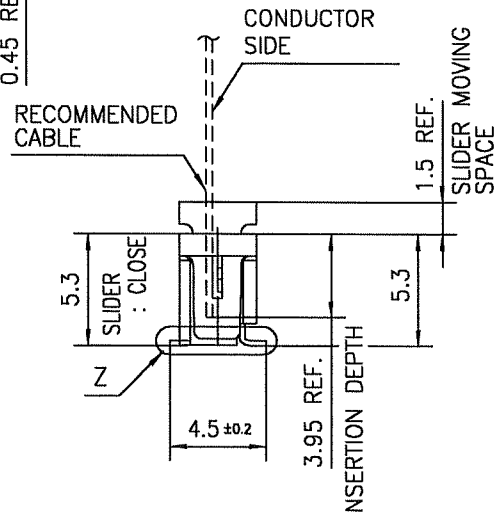
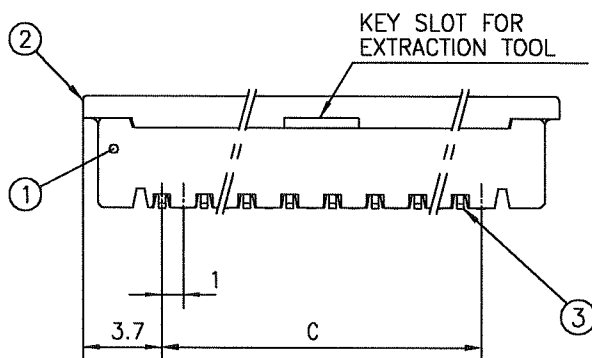
- THIS PRODUCT IS THE CONNECTOR, DESIGNED TO TERMINATE FPC/FFC AND COPER WITH AUTOMATIC MOUNTING (SMT).
- SEE PART DRAWINGS FOR DIMENSIONS A.B.C.
- PLEASE CONSULT US IN CASE OF USING PARTS WITH \* MARK

|             |          |     |            |                                                    |        |            |  |                                                                                     |  |         |        |
|-------------|----------|-----|------------|----------------------------------------------------|--------|------------|--|-------------------------------------------------------------------------------------|--|---------|--------|
| mat'l. code |          |     |            | surface 58 / tolerance ISO 1302 ✓ ISO 406 ISO 1101 |        | projection |  | product family 58SF                                                                 |  | 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.SFW__S-2ST__LF) |  |         |        |
| A           | J05-0377 | H.T | 2005-6-22  | angles                                             | linear |            |  |                                                                                     |  |         |        |
| B           | J05-0547 | H.T | 2005-8-30  |                                                    |        | scale X    |  | dwg no sheet 1 of 1 size<br>JSA 96516 A4                                            |  |         |        |
| C           | J06-0430 | H.T | 2006-10-19 |                                                    |        |            |  |                                                                                     |  |         |        |
| D           | J07-0407 | H.T | 2007-8-9   | dr                                                 | engr   | FCI        |  | type Product Customer Drawing                                                       |  |         |        |
|             |          |     |            | chr                                                | appd   |            |  |                                                                                     |  |         |        |
| sheet index | revision | D   | 1          |                                                    |        |            |  |                                                                                     |  |         | Rev. D |

SC-SFWS 03 JSA96517 96518 96519 96520 93340 93341  
form: A4

1

2



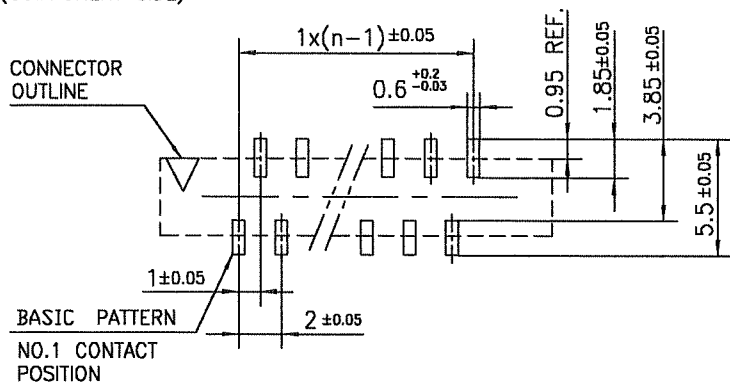
| PT. NO. | PARTS NAME | MATERIAL                                    | Q'TY | NOTE                                     |
|---------|------------|---------------------------------------------|------|------------------------------------------|
| 1       | HOUSING    | GLASS FILLED THERMOPLASTIC RATED. (UL94V-0) | 1    | COLOR : BROWN                            |
| 2       | SLIDER     |                                             | 1    | COLOR : BLACK                            |
| 3       | CONTACT    | PHOSPHOR BRONZE                             | n    | PLATING : TIN Ni UNDER PLATED(LEAD FREE) |

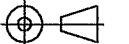
n : NO. OF CONTACTS

#### NOTES

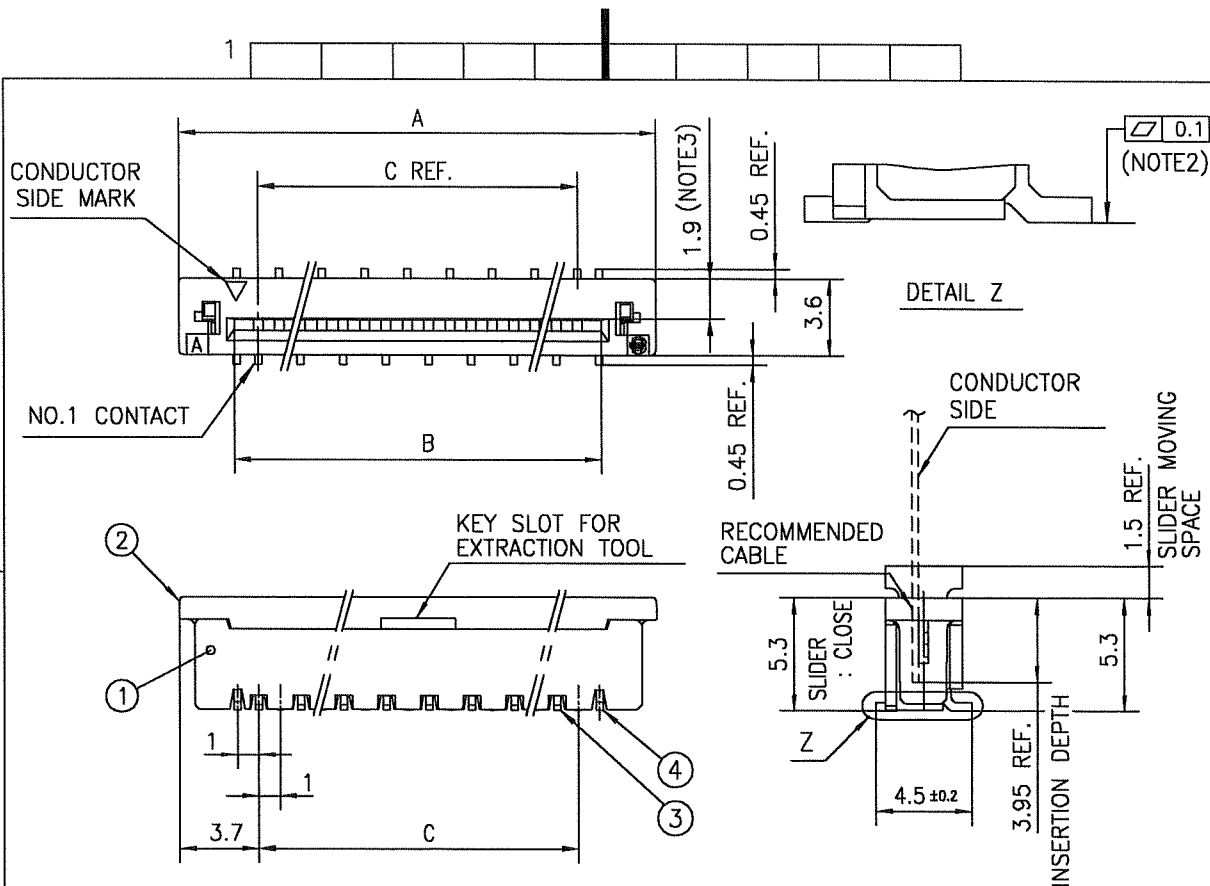
1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND CYPES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS OF CONTACT TERMINAL MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS DIMENSION IS SPACE FOR THE NOZZLE OF MOUNTER.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER 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.

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



|             |          |          |          |                                       |                |                                  |  |                                                                                                   |  |                                                                                     |          |                                                                                    |  |            |        |  |  |  |  |  |  |
|-------------|----------|----------|----------|---------------------------------------|----------------|----------------------------------|--|---------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------|--|------------|--------|--|--|--|--|--|--|
| mat'l. code |          |          |          | surface 58<br>ISO 1302                |                | tolerance<br>ISO 406<br>ISO 1101 |  | projection<br> |  | product family 58SF                                                                 |          |                                                                                    |  | CODE<br>JP |        |  |  |  |  |  |  |
|             |          |          |          | tolerances unless otherwise specified |                |                                  |  |                                                                                                   |  |  |          | title<br>1mm SPACING SURFACE MOUNT<br>FPC/FFC CONNECTOR<br>(CAT.No.SFW__S-2ST__LF) |  |            |        |  |  |  |  |  |  |
|             |          |          |          | angles                                |                | linear                           |  | ±0.2                                                                                              |  |                                                                                     |          |                                                                                    |  |            |        |  |  |  |  |  |  |
| ltr         | ecn no   | dr       | date     |                                       |                |                                  |  |                                                                                                   |  |                                                                                     |          |                                                                                    |  |            |        |  |  |  |  |  |  |
| A           | J05-0377 | H.T      | 6/22/05  |                                       |                |                                  |  |                                                                                                   |  |                                                                                     |          |                                                                                    |  |            |        |  |  |  |  |  |  |
| B           | J05-0731 | H.T      | 10/28/05 |                                       |                |                                  |  |                                                                                                   |  |                                                                                     |          |                                                                                    |  |            |        |  |  |  |  |  |  |
| C           | J06-0430 | H.T      | 10/19/06 |                                       |                |                                  |  |                                                                                                   |  |                                                                                     |          |                                                                                    |  |            |        |  |  |  |  |  |  |
|             |          |          |          | dr                                    | K. [signature] | 10/19/06                         |  |                                                                                                   |  |                                                                                     |          |                                                                                    |  |            |        |  |  |  |  |  |  |
|             |          |          |          | enr                                   | K. [signature] | 10/19/06                         |  |                                                                                                   |  |                                                                                     |          |                                                                                    |  |            |        |  |  |  |  |  |  |
|             |          |          |          | chr                                   | K. [signature] | 10/19/06                         |  |                                                                                                   |  |                                                                                     |          |                                                                                    |  |            |        |  |  |  |  |  |  |
|             |          |          |          | appd                                  | S. [signature] | 10/20/06                         |  |                                                                                                   |  |                                                                                     |          |                                                                                    |  |            |        |  |  |  |  |  |  |
| sheet index |          | revision |          | C                                     |                |                                  |  |                                                                                                   |  |                                                                                     |          |                                                                                    |  |            |        |  |  |  |  |  |  |
|             |          | sheet    |          | 1                                     |                |                                  |  |                                                                                                   |  |                                                                                     |          |                                                                                    |  |            | Rev. c |  |  |  |  |  |  |
| FCI         |          |          |          |                                       |                |                                  |  |                                                                                                   |  |                                                                                     |          |                                                                                    |  |            |        |  |  |  |  |  |  |
| type        |          |          |          |                                       |                |                                  |  |                                                                                                   |  | Product                                                                             | Customer | Drawing                                                                            |  |            |        |  |  |  |  |  |  |

SC-SFWS 03 JSA96516  
form: A4



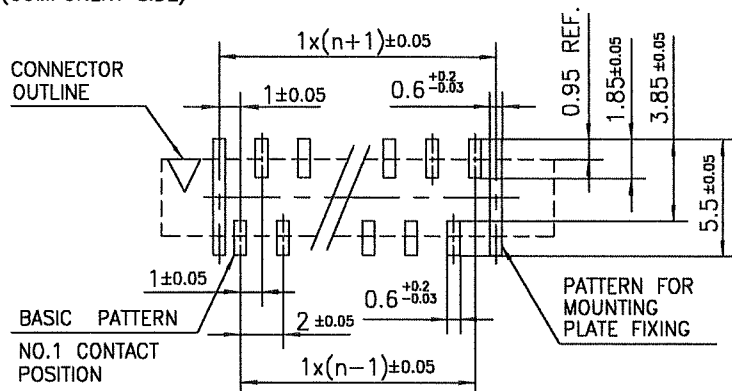
| PT. NO. | PARTS NAME     | MATERIAL                                    | Q'TY | NOTE                                     |
|---------|----------------|---------------------------------------------|------|------------------------------------------|
| 1       | HOUSING        | GLASS FILLED THERMOPLASTIC RATED. (UL94V-0) | 1    | COLOR : BROWN                            |
| 2       | SLIDER         |                                             | 1    | COLOR : BLACK                            |
| 3       | CONTACT        | PHOSPHOR BRONZE                             | n    | PLATING : TIN Ni UNDER PLATED(LEAD FREE) |
| 4       | MOUNTING PLATE | BRASS                                       | 2    |                                          |

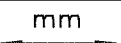
n : NO. OF CONTACTS

#### NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPS WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE 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.

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



|             |                |     |          |                                                                  |                    |                                                                                                |                                                                                     |                                                                            |         |              |        |
|-------------|----------------|-----|----------|------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------|--------------|--------|
| mat'l. code |                |     |          | surface 58 <input checked="" type="checkbox"/> tolerance ISO 406 |                    | projection  | product family 58SF                                                                 |                                                                            | CODE JP |              |        |
|             |                |     |          | ISO 1302 <input checked="" type="checkbox"/> ISO 1101            |                    |                                                                                                |                                                                                     |                                                                            |         |              |        |
| ltr         | ecn no         | dr  | date     | tolerances unless otherwise specified                            |                    |                                                                                                |  | title 1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR (CAT.No.SFW__S-2STM__LF) |         |              |        |
| A           | J05-0377       | H.T | 6/22/05  | angles                                                           | linear             | ±0.2                                                                                           |                                                                                     |                                                                            |         |              |        |
| B           | J05-0731       | H.T | 10/28/05 |                                                                  |                    |                                                                                                |                                                                                     |                                                                            |         |              |        |
| C           | J06-0430       | H.T | 10/19/06 |                                                                  |                    |                                                                                                | scale $\times$                                                                      |                                                                            |         |              |        |
|             |                |     |          | dr                                                               | <i>K. Shoupe</i>   | 10/19/06                                                                                       |  | dwg no                                                                     |         | sheet 1 of 1 | size   |
|             |                |     |          | enrg                                                             | <i>K. Shoupe</i>   | 10/19/06                                                                                       |                                                                                     | JSA 96518                                                                  |         |              | A4     |
|             |                |     |          | chr                                                              | <i>K. Shoupe</i>   | 10/19/06                                                                                       |                                                                                     |                                                                            |         |              |        |
|             |                |     |          | appd                                                             | <i>J. MacLaren</i> | 10/20/06                                                                                       |                                                                                     |                                                                            |         |              |        |
| sheet index | revision sheet | C 1 |          |                                                                  |                    |                                                                                                |                                                                                     |                                                                            |         |              | Rev. c |

SC-SFWS 03 JSA96516  
form: A4

## CAT. NO. &amp; DIMENSIONS

| (NOTE4) | NO. OF CONTACTS (n) | CAT. NO. (NOTE2) | DIMENSIONS (NOTE3) |         |         |
|---------|---------------------|------------------|--------------------|---------|---------|
|         |                     |                  | D ± 5              | E ± 0.3 | F ± 0.1 |
|         | 4                   | SFW4S-2ST_E1LF   | 28.4               | 24      | —       |
|         | 5                   | SFW5S-2ST_E1LF   | 28.4               | 24      | —       |
|         | 6                   | SFW6S-2ST_E1LF   | 28.4               | 24      | —       |
| *       | 7                   | SFW7S-2ST_E1LF   | 28.4               | 24      | —       |
|         | 8                   | SFW8S-2ST_E1LF   | 28.4               | 24      | —       |
| *       | 9                   | SFW9S-2ST_E1LF   | 28.4               | 24      | —       |
|         | 10                  | SFW10S-2ST_E1LF  | 28.4               | 24      | —       |
|         | 11                  | SFW11S-2ST_E1LF  | 28.4               | 24      | —       |
| *       | 12                  | SFW12S-2ST_E1LF  | 36.4               | 32      | 28.4    |
|         | 13                  | SFW13S-2ST_E1LF  | 36.4               | 32      | 28.4    |
|         | 14                  | SFW14S-2ST_E1LF  | 36.4               | 32      | 28.4    |
|         | 15                  | SFW15S-2ST_E1LF  | 36.4               | 32      | 28.4    |
|         | 16                  | SFW16S-2ST_E1LF  | 48.4               | 44      | 40.4    |
|         | 17                  | SFW17S-2ST_E1LF  | 48.4               | 44      | 40.4    |
| *       | 18                  | SFW18S-2ST_E1LF  | 48.4               | 44      | 40.4    |
| *       | 19                  | SFW19S-2ST_E1LF  | 48.4               | 44      | 40.4    |
|         | 20                  | SFW20S-2ST_E1LF  | 48.4               | 44      | 40.4    |
| *       | 21                  | SFW21S-2ST_E1LF  | 48.4               | 44      | 40.4    |
|         | 22                  | SFW22S-2ST_E1LF  | 48.4               | 44      | 40.4    |
|         | 23                  | SFW23S-2ST_E1LF  | 48.4               | 44      | 40.4    |
|         | 24                  | SFW24S-2ST_E1LF  | 48.4               | 44      | 40.4    |
| *       | 25                  | SFW25S-2ST_E1LF  | 48.4               | 44      | 40.4    |
|         | 26                  | SFW26S-2ST_E1LF  | 48.4               | 44      | 40.4    |
| *       | 27                  | SFW27S-2ST_E1LF  | 60.4               | 56      | 52.4    |
|         | 28                  | SFW28S-2ST_E1LF  | 60.4               | 56      | 52.4    |
|         | 29                  | SFW29S-2ST_E1LF  | 60.4               | 56      | 52.4    |
|         | 30                  | SFW30S-2ST_E1LF  | 60.4               | 56      | 52.4    |
| *       | 31                  | SFW31S-2ST_E1LF  | 60.4               | 56      | 52.4    |
| *       | 32                  | SFW32S-2ST_E1LF  | 60.4               | 56      | 52.4    |

CAT. NO. SFW (n) S - 2 ST - - LF

SERIES

NO. OF CONTACTS

STRAIGHT TYPE

FOR FPC / FFC

VARIATION

STM:FOR AUTOMATIC MOUNTING (SMT) WITH MOUNTING PLATE

ST:FOR AUTOMATIC MOUNTING (SMT) WITHOUT MOUNTING PLATE

PACKAGE STYLE

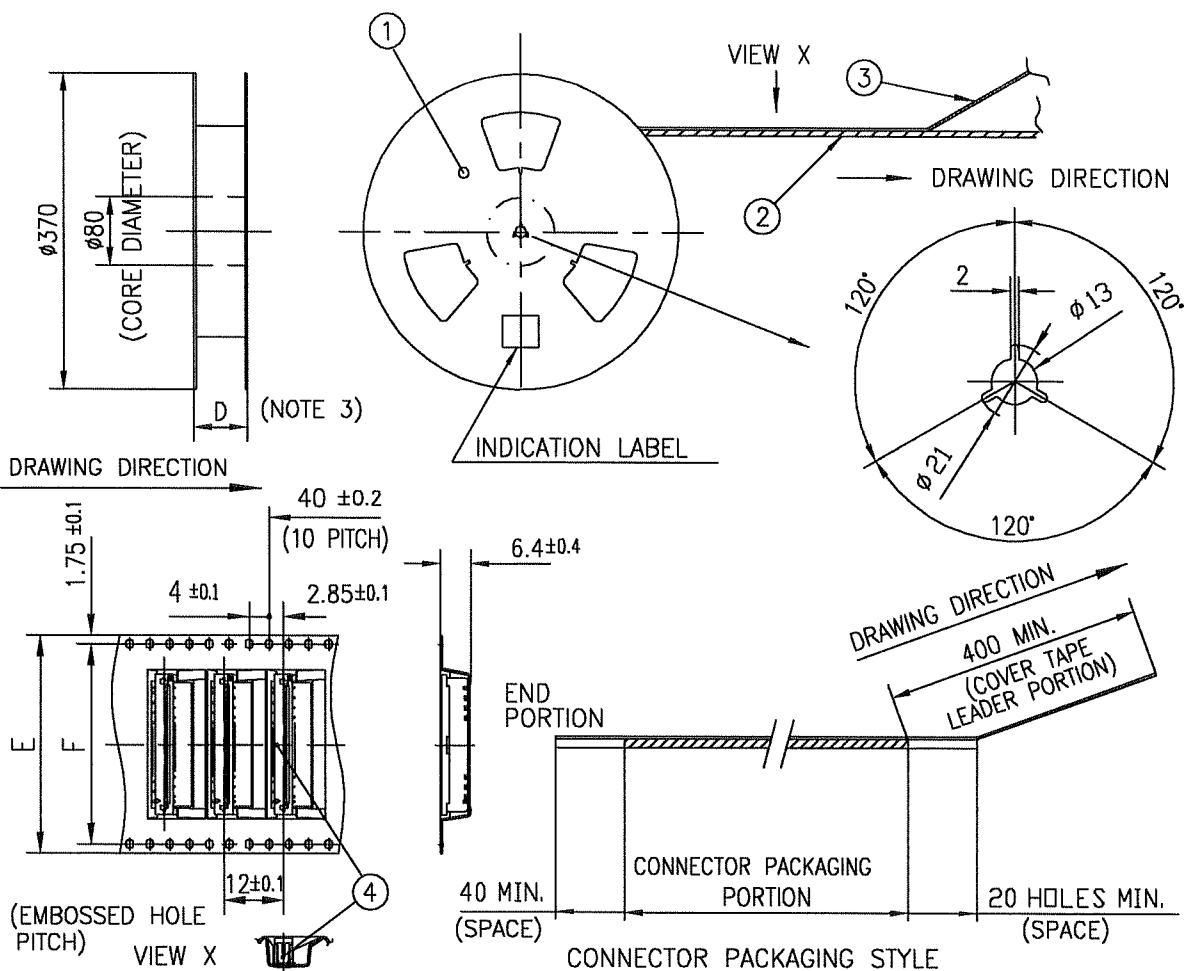
LEAD FREE

## NOTES

- THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COTES WITH AUTOMATIC MOUNTING (SMT).
- THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
- SEE PART DRAWINGS FOR DIMENSIONS D~F.
- 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 58SF                                                                    |  | CODE JP |  |
| ltr         | ecn no   | dr  | date       | tolerances unless otherwise specified              |  | mm         |  | title                                                                                  |  |         |  |
| A           | J05-0377 | H.T | 2005-6-22  | angles linear                                      |  | mm         |  | CAT NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. (CAT.No.SFW__S-2ST_E1LF) |  |         |  |
| B           | J05-0547 | H.T | 2005-8-30  |                                                    |  | scale X    |  | dwg no sheet 1 of 1 size                                                               |  |         |  |
| C           | J06-0430 | H.T | 2006-10-19 |                                                    |  | FCI        |  | JSA 96519 A4                                                                           |  |         |  |
| D           | J07-0407 | H.T | 2007-8-9   | dr engr chr appd                                   |  |            |  | type Product Customer Drawing                                                          |  |         |  |
| sheet index | revision | D   | 1          |                                                    |  |            |  | Rev. D                                                                                 |  |         |  |

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form: A4



| 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                | SFW__S-2ST__LF | SEE ATTACHED DWG. | 1000  | _____              |

## NOTES

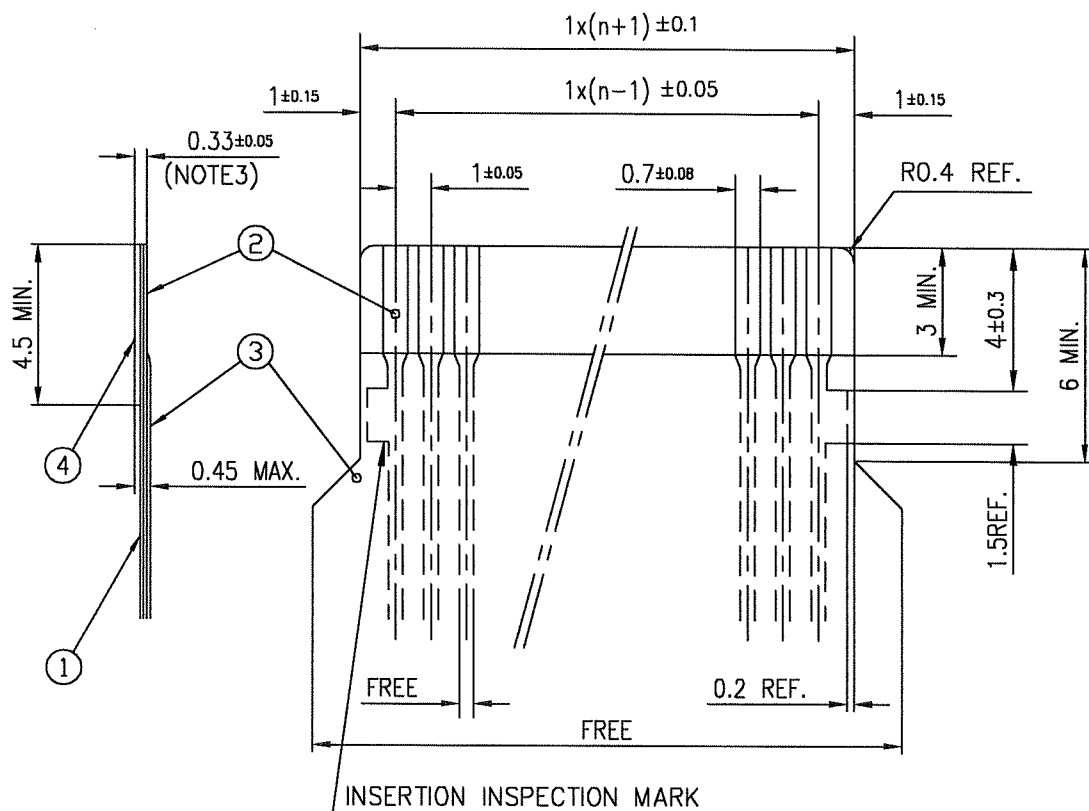
- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSSSED) TAPE AND REEL.
- F DIMENSION IS PORTION OF THE CORE.

|             |                |     |          |                                       |           |            |                                                                                          |      |
|-------------|----------------|-----|----------|---------------------------------------|-----------|------------|------------------------------------------------------------------------------------------|------|
| mat'l. code |                |     |          | surface 58                            | tolerance | projection | product family                                                                           | CODE |
|             |                |     |          | ISO 1302                              | ISO 406   | ISO 1101   | 58SF                                                                                     | JP   |
| ltr         | ecn no         | dr  | date     | tolerances unless otherwise specified |           | mm         | title<br>PLASTIC TAPE PACKAGED<br>1mm SPACING SMT CONNECTOR<br>(CATA.No.SFW__S-2ST_E1LF) |      |
| A           | J05-0377       | H.T | 6/22/05  | angles                                | linear    | ±5         |                                                                                          |      |
| B           | J06-0430       | H.T | 10/19/06 | ±5°                                   |           | scale X    | dwg no sheet 1 of 1 size<br>JSA 96520 A4                                                 |      |
|             |                |     |          | dr                                    | engr      | chr        |                                                                                          |      |
|             |                |     |          | appd                                  |           |            | type Product Customer Drawing                                                            |      |
| sheet index | revision sheet | B   | 1        |                                       |           |            |                                                                                          |      |

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## RECOMMENDED CABLE (FPC)

n : NO. OF CONDUCTORS



| PT. NO. | DESCRIPTION     | MATERIAL                                          | THICKNESS ( $\mu\text{m}$ ) |
|---------|-----------------|---------------------------------------------------|-----------------------------|
| 1       | BASE FILM       | POLYIMIDE OR POLYESTER OR EQUIVALENT              | 25                          |
| 2       | CONDUCTOR       | COPPER FOIL(PLATING : SOLDER $1\mu\text{m}$ MIN.) | 35                          |
| 3       | OVERLAY         | POLYIMIDE OR POLYESTER OR EQUIVALENT              | —                           |
| 4       | SUPPORTING TAPE | POLYESTER OR POLYIMIDE OR EQUIVALENT              | 188                         |

## 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 406 / ISO 1101 |          | projection |       | product family 58SF   |                               | CODE JP |  |
| ltr         | ecn no   | dr  | date      | tolerances unless otherwise specified     |          | mm         |       | title                 |                               |         |  |
| AA          | J04-0333 | H.T | Oct.13/04 |                                           |          |            |       | RECOMMENDED CABLE     |                               |         |  |
| AB          | J06-0430 | H.T | 10/19/06  | angles                                    | linear   |            |       | (CAT.No.SFW__S-2ST__) |                               |         |  |
|             |          |     |           | dr                                        | 10/19/06 |            | scale |                       | sheet 1 of 1                  |         |  |
|             |          |     |           | enr                                       | 10/19/06 |            | FCI   |                       | dwg no JSA 93340              |         |  |
|             |          |     |           | chr                                       | 10/19/06 |            |       |                       | size A4                       |         |  |
|             |          |     |           | appd                                      | 10/20/06 |            |       |                       | type Product Customer Drawing |         |  |
| sheet index | revision | AB  | 1         |                                           |          |            |       |                       |                               | Rev. AB |  |

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## RECOMMENDED CABLE (FFC)

n : NO. OF CONDUCTORS



| PT. NO. | DESCRIPTION     | MATERIAL                                | NOTE                               |
|---------|-----------------|-----------------------------------------|------------------------------------|
| 1       | INSULATOR       | FLAME RESISTING POLYESTER OR EQUIVALENT | _____                              |
| 2       | CONDUCTOR       | COPPER FOIL                             | PLATING: TIN OR SOLDER<br>1µm MIN. |
| 3       | SUPPORTING TAPE | FLAME RESISTING POLYESTER OR EQUIVALENT | _____                              |

## NOTES

1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.

|                           |  |                  |  |                                         |  |            |  |                                         |  |         |  |
|---------------------------|--|------------------|--|-----------------------------------------|--|------------|--|-----------------------------------------|--|---------|--|
| mat'l. code               |  |                  |  | surface 5B / tolerance ISO 406 ISO 1101 |  | projection |  | product family 58SF                     |  | CODE JP |  |
| ltr ecn no dr date        |  |                  |  | tolerances unless otherwise specified   |  | mm         |  | title                                   |  |         |  |
| AA J04-0333 H.T. 06/13/04 |  |                  |  | angles linear                           |  | mm         |  | RECOMMENDED CABLE (CAT.No.SFW__S-2ST__) |  |         |  |
| AB J06-0430 H.T. 10/19/06 |  |                  |  |                                         |  | scale X    |  | dwg no sheet 1 of 1 size                |  |         |  |
|                           |  |                  |  | dr 10/19/06                             |  | FCI        |  | JSA 93341 A4                            |  |         |  |
|                           |  |                  |  | enr 10/19/06                            |  |            |  | type Product Customer Drawing           |  |         |  |
|                           |  |                  |  | chr 10/19/06                            |  |            |  |                                         |  |         |  |
|                           |  |                  |  | appd 10/20/06                           |  |            |  |                                         |  |         |  |
| sheet index               |  | revision sheet 1 |  |                                         |  |            |  |                                         |  | Rev. AB |  |

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Электрон  
Связь**

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**Наши контакты:**

**Телефон:** +7 812 627 14 35

**Электронная почта:** [sales@st-electron.ru](mailto:sales@st-electron.ru)

**Адрес:** 198099, Санкт-Петербург,  
Промышленная ул, дом № 19, литера Н,  
помещение 100-Н Офис 331