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## List of "SFW\_\_R-3/4STAE1LF" customer document

| DOCUMENT NO. | LIST                                                                                 |
|--------------|--------------------------------------------------------------------------------------|
| SC-SFW16     | SPEC.                                                                                |
| JSA96274     | CAT.NO.TABLE FOR 1mm CONTACT SPACING SMT CONNECTOR (SFW__R-3/4STAE1LF)               |
| JSA96275     | 1mm SPACING SMT CONNECTOR (SFW__R-3STA__LF)                                          |
| JSA96276     | 1mm SPACING SMT CONNECTOR (SFW__R-4STA__LF)                                          |
| JSA96277     | CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-3/4STAE1LF) |
| JSA96278     | PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-3STAE1LF)                    |
| JSA96279     | PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-4STAE1LF)                    |
| JSA96280     | RECOMMENDED CABLE (FPC) (SFW__R-3/4STA__)                                            |
| GS-20-130    | HANDLING PROCEDURES                                                                  |

|               |                |     |            |                                       |                |                            |                                                                                     |                                                                                                      |           |                                                                                    |              |         |  |
|---------------|----------------|-----|------------|---------------------------------------|----------------|----------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------|--------------|---------|--|
| mat'l. code - |                |     |            | surface ISO 1302 58/                  |                | tolerance ISO 406 ISO 1101 |                                                                                     | projection                                                                                           |           | product family 58RF                                                                |              | CODE JP |  |
| ltr           | ecn no         | dr  | date       | tolerances unless otherwise specified |                |                            |                                                                                     | <br>mm<br>scale X |           | title<br>1mm SPACING FPC CONNECTOR DOCUMENT LIST<br>(Cat. No. : SFW__R-3/4STAE1LF) |              |         |  |
| A             | J05-0024       | H.T | 1/20/'05   | angles linear                         |                |                            |                                                                                     |                                                                                                      |           |                                                                                    |              |         |  |
| B             | J06-0398       | H.T | 9/26/'06   |                                       |                |                            |                                                                                     |                                                                                                      |           |                                                                                    |              |         |  |
| C             | J09-0363       | M.Y | 2009-10-8  |                                       |                |                            |                                                                                     |                                                                                                      |           |                                                                                    |              |         |  |
| D             | J09-0380       | M.Y | 2009-10-27 | dr                                    | M.YA HASNITA   | 2009-10-27                 |  |                                                                                                      | dwg no    |                                                                                    | sheet 1 of 1 | size    |  |
|               |                |     |            | enr                                   | M.YA HASNITA   | 2009-10-27                 |                                                                                     |                                                                                                      | JSA 96334 |                                                                                    | A4           |         |  |
|               |                |     |            | chr                                   | S. W. H. L.    | 2009-10-27                 |                                                                                     |                                                                                                      |           |                                                                                    |              |         |  |
|               |                |     |            | appd                                  | S. Chidambaram | 2009-10-27                 |                                                                                     |                                                                                                      |           |                                                                                    |              |         |  |
| sheet index   | revision sheet | D   | 1          |                                       |                |                            |                                                                                     |                                                                                                      |           | Rev. D                                                                             |              |         |  |

form: A4

1

2

PDM: Rev:D

STATUS: Released

Printed: Nov 01, 2009

## CAT. NO. &amp; DIMENSIONS

| NO. OF CONTACTS (n) | CAT. NO.          | DIMENSIONS (NOTE2) |         |         |         |
|---------------------|-------------------|--------------------|---------|---------|---------|
|                     |                   | A ± 0.2            | B ± 0.2 | C ± 0.2 | D ± 0.1 |
| 4                   | SFW4R-3/4STA__LF  | 9.8                | 8.6     | 3.0     | 3.92    |
| 5                   | SFW5R-3/4STA__LF  | 10.8               | 9.6     | 4.0     | 4.92    |
| 6                   | SFW6R-3/4STA__LF  | 11.8               | 10.6    | 5.0     | 5.92    |
| 7                   | SFW7R-3/4STA__LF  | 12.8               | 11.6    | 6.0     | 6.92    |
| 8                   | SFW8R-3/4STA__LF  | 13.8               | 12.6    | 7.0     | 7.92    |
| 9                   | SFW9R-3/4STA__LF  | 14.8               | 13.6    | 8.0     | 8.92    |
| 10                  | SFW10R-3/4STA__LF | 15.8               | 14.6    | 9.0     | 9.92    |
| 11                  | SFW11R-3/4STA__LF | 16.8               | 15.6    | 10.0    | 10.92   |
| 12                  | SFW12R-3/4STA__LF | 17.8               | 16.6    | 11.0    | 11.92   |
| 13                  | SFW13R-3/4STA__LF | 18.8               | 17.6    | 12.0    | 12.92   |
| 14                  | SFW14R-3/4STA__LF | 19.8               | 18.6    | 13.0    | 13.92   |
| 15                  | SFW15R-3/4STA__LF | 20.8               | 19.6    | 14.0    | 14.92   |
| 16                  | SFW16R-3/4STA__LF | 21.8               | 20.6    | 15.0    | 15.92   |
| 17                  | SFW17R-3/4STA__LF | 22.8               | 21.6    | 16.0    | 16.92   |
| 18                  | SFW18R-3/4STA__LF | 23.8               | 22.6    | 17.0    | 17.92   |
| 19                  | SFW19R-3/4STA__LF | 24.8               | 23.6    | 18.0    | 18.92   |
| 20                  | SFW20R-3/4STA__LF | 25.8               | 24.6    | 19.0    | 19.92   |
| 21                  | SFW21R-3/4STA__LF | 26.8               | 25.6    | 20.0    | 20.92   |
| 22                  | SFW22R-3/4STA__LF | 27.8               | 26.6    | 21.0    | 21.92   |
| 23                  | SFW23R-3/4STA__LF | 28.8               | 27.6    | 22.0    | 22.92   |
| 24                  | SFW24R-3/4STA__LF | 29.8               | 28.6    | 23.0    | 23.92   |
| 25                  | SFW25R-3/4STA__LF | 30.8               | 29.6    | 24.0    | 24.92   |
| 26                  | SFW26R-3/4STA__LF | 31.8               | 30.6    | 25.0    | 25.92   |
| 27                  | SFW27R-3/4STA__LF | 32.8               | 31.6    | 26.0    | 26.92   |
| 28                  | SFW28R-3/4STA__LF | 33.8               | 32.6    | 27.0    | 27.92   |
| 29                  | SFW29R-3/4STA__LF | 34.8               | 33.6    | 28.0    | 28.92   |
| 30                  | SFW30R-3/4STA__LF | 35.8               | 34.6    | 29.0    | 29.92   |

CAT. NO.

SFW (n) R - 3 ST A \_\_ LF

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC/FFC,  
WITH CABLE LOCK MECHANISM

CONTACT DIRECTION

3. LOWER CONTACT TYPE

4. UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING  
(SMT)

GOLD PLATING

PACKAGE STYLE

LEAD FREE

## NOTES

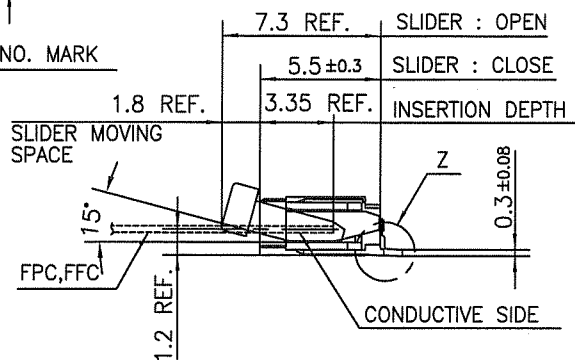
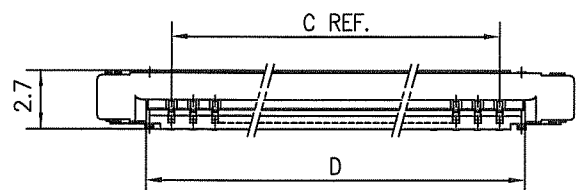
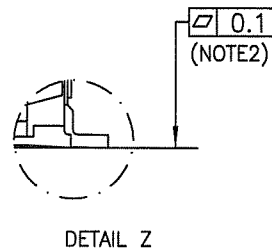
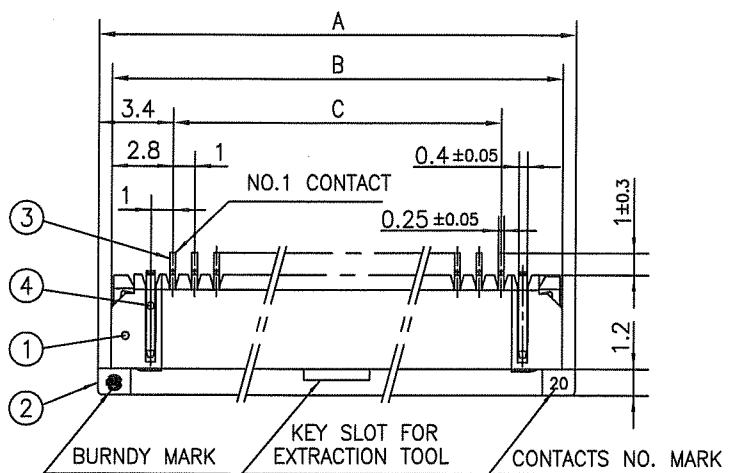
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPELS WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A~D.
3. THIS PRODUCT IS THE CONNECTOR WITH CABLE LOCK MECHANISM.

|             |          |     |           |                                                                                                                          |                       |                                                                                                |           |                                                                                |                          |         |        |
|-------------|----------|-----|-----------|--------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------|--------------------------|---------|--------|
| mat'l. code |          |     |           | surface 58 / tolerance ISO 1302 <input checked="" type="checkbox"/> ISO 406 <input checked="" type="checkbox"/> ISO 1101 |                       | projection  |           | product family 58RF                                                            |                          | CODE JP |        |
| ltr         | ecn no   | dr  | date      | tolerances, unless otherwise specified                                                                                   |                       |             |           | title CAT NO. TABLE FOR 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3/4STA__LF) |                          |         |        |
| A           | J05-0024 | H.T | 1/20/05   | angles                                                                                                                   | linear                |                                                                                                |           |                                                                                |                          |         |        |
| B           | J06-0398 | H.T | 9/26/06   |                                                                                                                          |                       |                                                                                                |           |                                                                                |                          |         |        |
| C           | J09-0363 | M.Y | 2009-10-8 |                                                                                                                          |                       |                                                                                                |           |                                                                                |                          |         |        |
|             |          |     |           | dr                                                                                                                       | M.YA-ASHITA 2009-10-8 |                                                                                                | dwg no    |                                                                                | sheet 1 of 1             |         | size   |
|             |          |     |           | enrg                                                                                                                     | M.YA-ASHITA 2009-10-8 |                                                                                                | JSA 96274 |                                                                                |                          |         | A4     |
|             |          |     |           | chr                                                                                                                      | S.M.H. 2009-10-8      |                                                                                                | type      |                                                                                | Product Customer Drawing |         |        |
|             |          |     |           | appd                                                                                                                     | S.M.H. 2009-10-8      |                                                                                                |           |                                                                                |                          |         |        |
| sheet index | revision | C   |           |                                                                                                                          |                       |                                                                                                |           |                                                                                |                          |         | Rev. C |
|             | sheet    | 1   |           |                                                                                                                          |                       |                                                                                                |           |                                                                                |                          |         |        |

SC-SFW16 JSA96275 96276 96277 96280  
form: A4

1

2

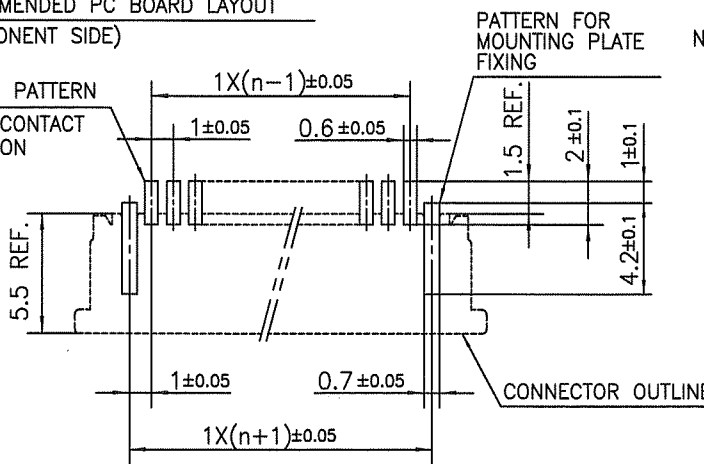


| PT. NO. | PARTS NAME     | MATERIAL                             | Q'TY | NOTE                                       |
|---------|----------------|--------------------------------------|------|--------------------------------------------|
| 1       | HOUSING        | PPS RESIN GLASS REINFORCED (UL94V-0) | 1    | COLOR:BLACK                                |
| 2       | SLIDER         |                                      | 1    | COLOR:BROWN                                |
| 3       | CONTACT        | PHOSPHOR BRONZE                      | n    | CONTACT AREA : GOLD<br>TARMINAL AREA : TIN |
| 4       | MOUNTING PLATE |                                      | 2    | PLATING:TIN                                |

n : NO. OF CONTACTS

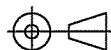
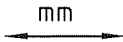
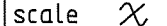
### RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)

BASIC PATTERN  
NO.1 CONTACT  
POSITION



### NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPEs WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS FOR CONTACT TERMINAL HOUSING MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS PRODUCT IS LOWER CONTACT TYPE CONNECTOR WITH CABLE LOCK MECHANISM.
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.

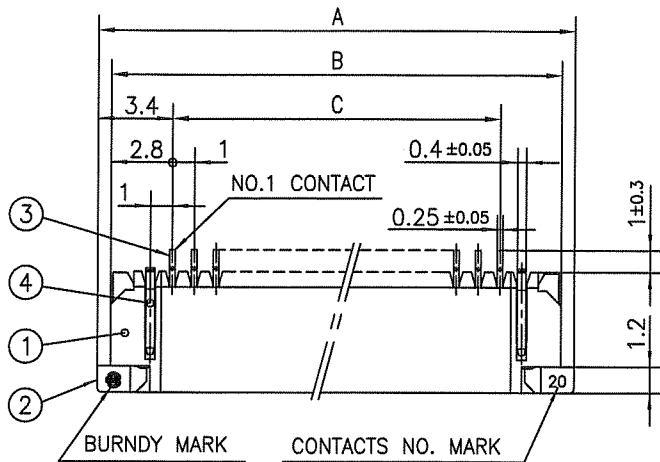
|             |          |                |           |                                                                                                                                                                                                  |             |           |                                                                                                                                                                                  |  |                                                                  |  |  |  |         |  |  |  |        |
|-------------|----------|----------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------|--|--|--|---------|--|--|--|--------|
| mat'l. code |          |                |           | surface 58 <input checked="" type="checkbox"/> / tolerance ISO 1302 <input checked="" type="checkbox"/> ISO 406 <input checked="" type="checkbox"/> ISO 1101 <input checked="" type="checkbox"/> |             |           | projection                                                                                    |  | product family 58RF                                              |  |  |  | CODE JP |  |  |  |        |
| ltr         | ecn no   | dr             | date      | tolerances unless otherwise specified                                                                                                                                                            |             |           | <br>mm<br> |  | title<br>1mm SPACING SMT CONNECTOR<br>(Cat. No. SFW__R-3STA__LF) |  |  |  |         |  |  |  |        |
| A           | J05-0024 | H.T            | 1/20/05   | angles                                                                                                                                                                                           | linear      | ±0.2      |                                                                                                                                                                                  |  |                                                                  |  |  |  |         |  |  |  |        |
| B           | J05-0736 | H.T            | 10/28/05  |                                                                                                                                                                                                  |             |           |                                                                                                                                                                                  |  |                                                                  |  |  |  |         |  |  |  |        |
| C           | J06-0398 | H.T            | 9/26/06   |                                                                                                                                                                                                  |             |           |                                                                                                                                                                                  |  |                                                                  |  |  |  |         |  |  |  |        |
| D           | J09-0363 | M.Y            | 2009-10-8 | dr                                                                                                                                                                                               | H. SAMABUZA | 2009-10-8 |                                                                                               |  | dwg no sheet 1 of 1                                              |  |  |  | size A4 |  |  |  |        |
|             |          |                |           | enr                                                                                                                                                                                              | H. SAMABUZA | 2009-10-8 |                                                                                                                                                                                  |  |                                                                  |  |  |  |         |  |  |  |        |
|             |          |                |           | chr                                                                                                                                                                                              | S. M. H.    | 2009-10-8 |                                                                                                                                                                                  |  |                                                                  |  |  |  |         |  |  |  |        |
|             |          |                |           | appd                                                                                                                                                                                             | S. M. H.    | 2009-10-8 |                                                                                                                                                                                  |  |                                                                  |  |  |  |         |  |  |  |        |
| sheet index |          | revision sheet |           | D                                                                                                                                                                                                | 1           |           |                                                                                                                                                                                  |  |                                                                  |  |  |  |         |  |  |  | Rev. D |

SC-SFW16 JSA96274  
form: A4

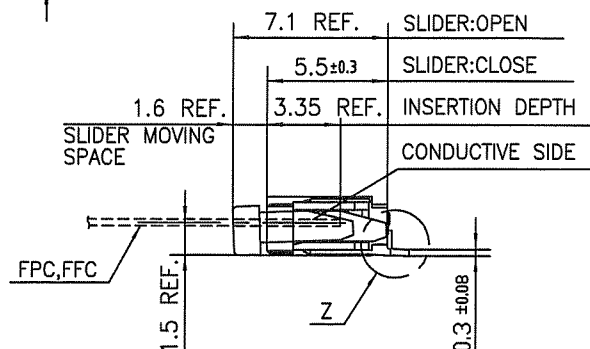
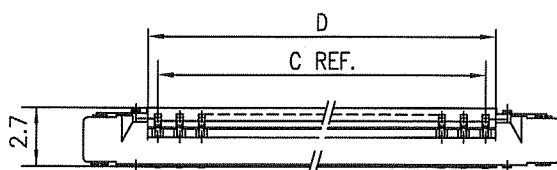


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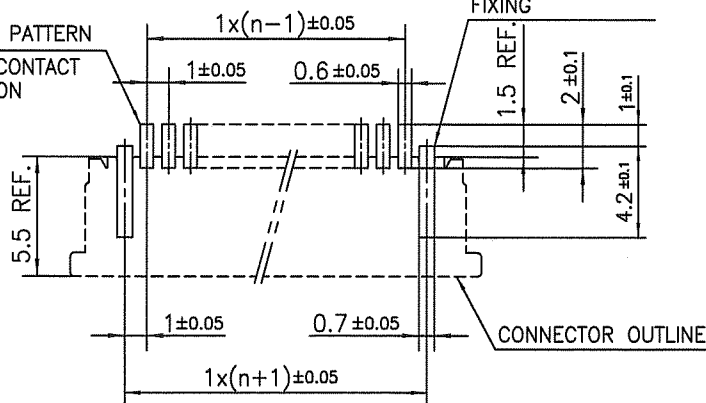


DETAIL Z



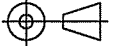
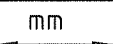
| PT. NO. | PARTS NAME     | MATERIAL                                | Q'TY | NOTE                                       |
|---------|----------------|-----------------------------------------|------|--------------------------------------------|
| 1       | HOUSING        | PPS RESIN GLASS<br>REINFORCED (UL94V-0) | 1    | COLOR:BLACK                                |
| 2       | SLIDER         |                                         | 1    | COLOR:BROWN                                |
| 3       | CONTACT        | PHOSPHOR BRONZE                         | n    | CONTACT AREA : GOLD<br>TARMINAL AREA : TIN |
| 4       | MOUNTING PLATE |                                         | 2    | PLATING:TIN                                |

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT  
(COMPONENT SIDE)BASIC PATTERN  
NO.1 CONTACT  
POSITION

## NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND CYPES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS FOR CONTACT TERMINAL HOUSING MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS PRODUCT IS UPPER CONTACT TYPE CONNECTOR WITH CABLE LOCK MECHANISM.
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 <input checked="" type="checkbox"/> / tolerance ISO 1302 <input checked="" type="checkbox"/> ISO 406 <input checked="" type="checkbox"/> ISO 1101 <input checked="" type="checkbox"/> |             |           | projection      |           | product family 58RF                                     |              |  |      | CODE JP |        |
| ltr         | ecn no   | dr  | date      | tolerances unless otherwise specified                                                                                                                                                            |             |           | title                                                                                              |           | 1mm SPACING SMT CONNECTOR<br>(Cat. No. SFW__R-4STA__LF) |              |  |      |         |        |
| A           | J05-0024 | H.T | 1/20/05   | angles                                                                                                                                                                                           | linear      | ±0.2      | mm              |           |                                                         |              |  |      |         |        |
| B           | J05-0736 | H.T | 10/28/05  |                                                                                                                                                                                                  |             |           |                                                                                                    |           |                                                         |              |  |      |         |        |
| C           | J06-0398 | H.T | 9/26/06   |                                                                                                                                                                                                  |             |           |                                                                                                    |           |                                                         |              |  |      |         |        |
| D           | J09-0363 | M.Y | 2009-10-8 | dr                                                                                                                                                                                               | M.YAMASHITA | 2009-10-8 | scale $\times$  | dwg no    |                                                         | sheet 1 of 1 |  | size |         |        |
|             |          |     |           | enr                                                                                                                                                                                              | M.YAMASHITA | 2009-10-8 |                                                                                                    | JSA 96276 |                                                         | A4           |  |      |         |        |
|             |          |     |           | chr                                                                                                                                                                                              | S. A. H. H. | 2009-10-8 |                                                                                                    |           |                                                         |              |  |      |         |        |
|             |          |     |           | appd                                                                                                                                                                                             | S. A. H. H. | 2009-10-8 |                                                                                                    |           |                                                         |              |  |      |         |        |
| sheet index | revision | D   |           |                                                                                                                                                                                                  |             |           |                                                                                                    |           |                                                         |              |  |      |         | Rev. D |
|             | sheet    | 1   |           |                                                                                                                                                                                                  |             |           |                                                                                                    |           |                                                         |              |  |      |         |        |

SC-SFW16 JSA96274  
form: A4

1

2

PDM: Rev:D

STATUS: Released

Printed: Oct 13, 2009

## CAT. NO. &amp; DIMENSIONS

| NO. OF CONTACTS (n) | CAT. NO. (NOTE2)  | DIMENSIONS (NOTE3) |         |         |
|---------------------|-------------------|--------------------|---------|---------|
|                     |                   | E ± 5              | F ± 0.3 | G ± 0.1 |
| 4                   | SFW4R-3/4STAE1LF  | 20.4               | 16      | —       |
| 5                   | SFW5R-3/4STAE1LF  | 28.4               | 24      | —       |
| 6                   | SFW6R-3/4STAE1LF  | 28.4               | 24      | —       |
| 7                   | SFW7R-3/4STAE1LF  | 28.4               | 24      | —       |
| 8                   | SFW8R-3/4STAE1LF  | 28.4               | 24      | —       |
| 9                   | SFW9R-3/4STAE1LF  | 28.4               | 24      | —       |
| 10                  | SFW10R-3/4STAE1LF | 28.4               | 24      | —       |
| 11                  | SFW11R-3/4STAE1LF | 28.4               | 24      | —       |
| 12                  | SFW12R-3/4STAE1LF | 28.4               | 24      | —       |
| 13                  | SFW13R-3/4STAE1LF | 36.4               | 32      | 28.4    |
| 14                  | SFW14R-3/4STAE1LF | 36.4               | 32      | 28.4    |
| 15                  | SFW15R-3/4STAE1LF | 36.4               | 32      | 28.4    |
| 16                  | SFW16R-3/4STAE1LF | 36.4               | 32      | 28.4    |
| 17                  | SFW17R-3/4STAE1LF | 48.4               | 44      | 40.4    |
| 18                  | SFW18R-3/4STAE1LF | 48.4               | 44      | 40.4    |
| 19                  | SFW19R-3/4STAE1LF | 48.4               | 44      | 40.4    |
| 20                  | SFW20R-3/4STAE1LF | 48.4               | 44      | 40.4    |
| 21                  | SFW21R-3/4STAE1LF | 48.4               | 44      | 40.4    |
| 22                  | SFW22R-3/4STAE1LF | 48.4               | 44      | 40.4    |
| 23                  | SFW23R-3/4STAE1LF | 48.4               | 44      | 40.4    |
| 24                  | SFW24R-3/4STAE1LF | 48.4               | 44      | 40.4    |
| 25                  | SFW25R-3/4STAE1LF | 48.4               | 44      | 40.4    |
| 26                  | SFW26R-3/4STAE1LF | 48.4               | 44      | 40.4    |
| 27                  | SFW27R-3/4STAE1LF | 48.4               | 44      | 40.4    |
| 28                  | SFW28R-3/4STAE1LF | 60.4               | 56      | 52.4    |
| 29                  | SFW29R-3/4STAE1LF | 60.4               | 56      | 52.4    |
| 30                  | SFW30R-3/4STAE1LF | 60.4               | 56      | 52.4    |

CAT. NO.

SFW (n) R - 3 ST A E1 LF

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC/FFC,  
WITH CABLE LOCK MECHANISM

CONTACT DIRECTION

3. LOWER CONTACT TYPE

4. UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING  
(SMT)

GOLD PLATING

TAPE PACKAGING

LEAD FREE

## NOTES

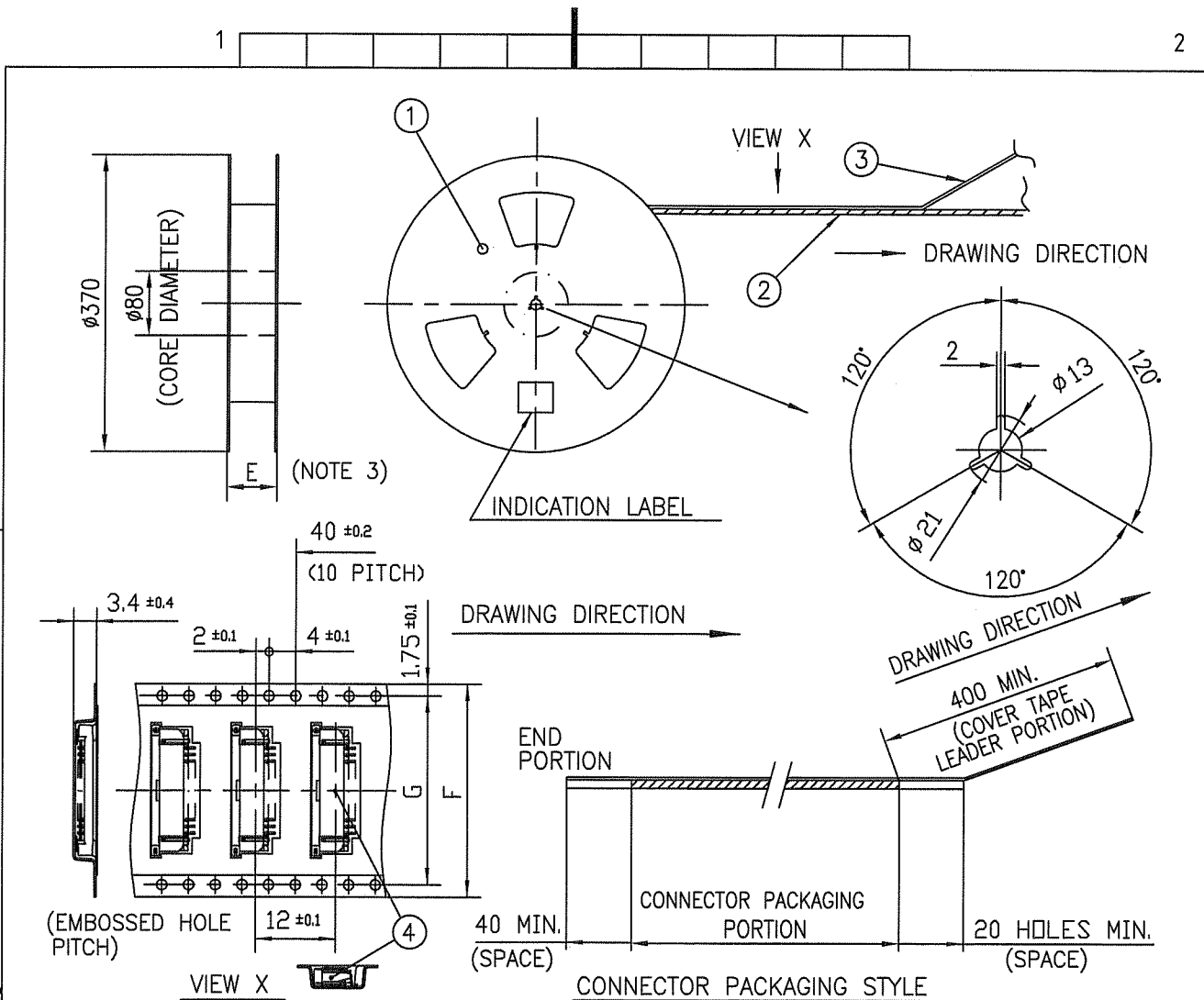
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COTES WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS E~G.
4. THIS PRODUCT IS THE CONNECTOR WITH CABLE LOCK MECHANISM.

|             |          |          |           |                                                      |           |            |     |                                                                                                |           |                          |  |
|-------------|----------|----------|-----------|------------------------------------------------------|-----------|------------|-----|------------------------------------------------------------------------------------------------|-----------|--------------------------|--|
| mat'l. code |          |          |           | surface 58 / tolerance ISO 1302 / ISO 406 / ISO 1101 |           | projection |     | product family 58RF                                                                            |           | CODE JP                  |  |
| ltr         | ecn no   | dr       | date      | tolerances unless otherwise specified                |           | mm         |     | title                                                                                          |           |                          |  |
| A           | J05-0024 | H.T      | 1/20/05   | angles linear                                        |           | mm         |     | CAT NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3/4STAE1LF) |           |                          |  |
| B           | J06-0398 | H.T      | 9/26/06   |                                                      |           |            |     |                                                                                                |           |                          |  |
| C           | J09-0363 | M.Y      | 2009-10-8 |                                                      |           | scale X    |     | dwg no sheet 1 of 1 size                                                                       |           |                          |  |
|             |          |          |           | dr                                                   | M.YAHASHI | 2009-10-8  | FCI |                                                                                                | JSA 96277 |                          |  |
|             |          |          | enr       | M.YAHASHI                                            | 2009-10-8 |            |     |                                                                                                |           |                          |  |
|             |          |          | chr       | P. K. K.                                             | 2009-10-8 |            |     |                                                                                                |           |                          |  |
|             |          |          | appd      | P. Chidambaram                                       | 2009-10-8 |            |     |                                                                                                |           |                          |  |
| sheet index |          | revision | C         |                                                      |           |            |     | type                                                                                           |           | Product Customer Drawing |  |
|             |          | sheet    | 1         |                                                      |           |            |     |                                                                                                |           | Rev. C                   |  |

SC-SFW16 form: A4 JSA96274 96278 96279

1

2



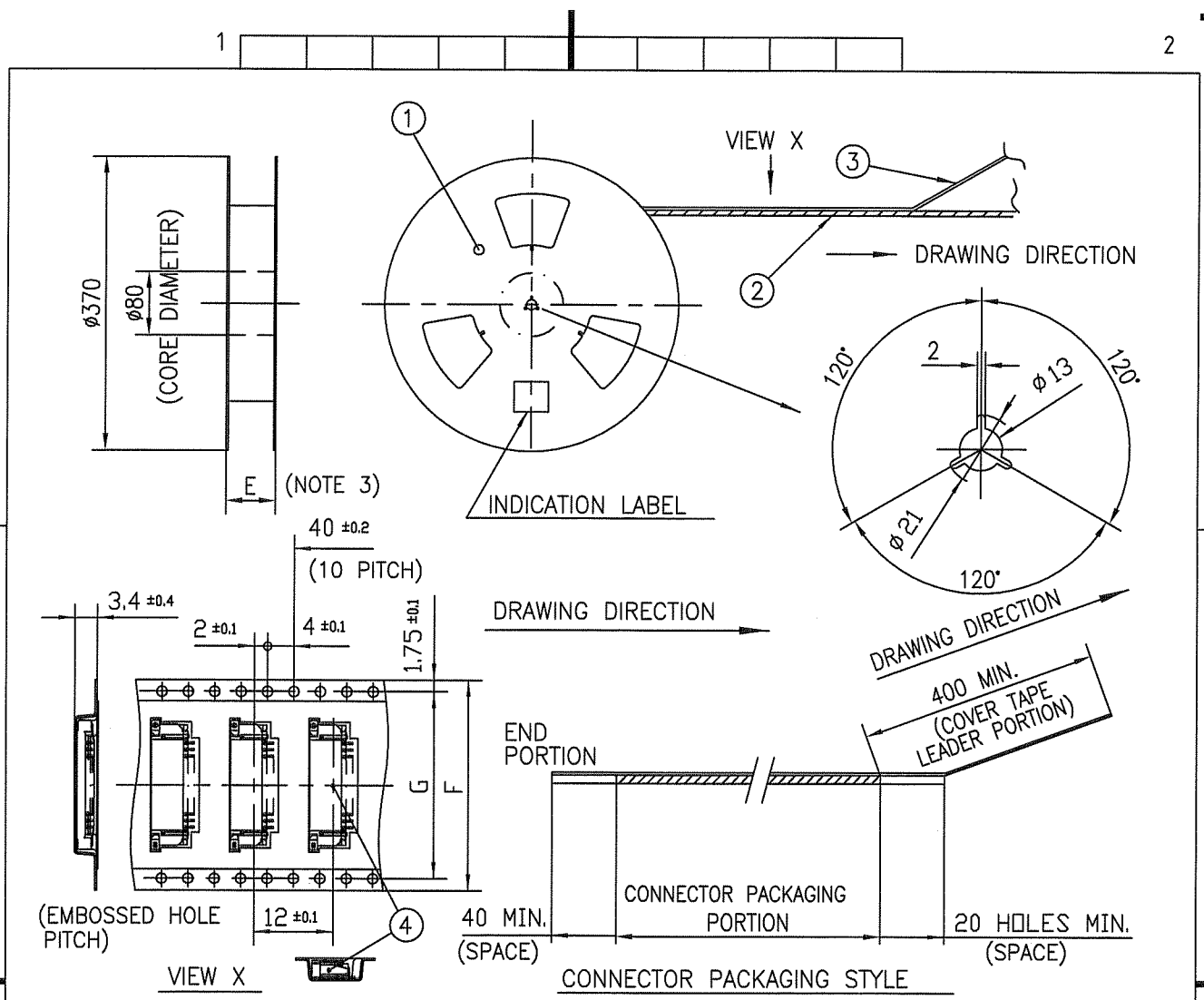
| PT. NO. | PARTS NAME            | CAT. NO.      | MATERIAL          | Q'TY | NOTE               |
|---------|-----------------------|---------------|-------------------|------|--------------------|
| 1       | REEL                  |               | CARDBOARD         | 1    | COLOR:WHITE        |
| 2       | PLASTIC (EMBOSS) TAPE |               | PET               |      | COLOR:TRANSPARENCY |
| 3       | COVER                 |               | POLYESTER         |      | COLOR:TRANSPARENCY |
| 4       | CONNECTOR             | SFW_R-3STA_1F | SEE ATTACHED DWG. | 2000 | LOWER CONTACT TYPE |

#### NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR WITH CABLE LOCK MECHANISM USED FOR FPC 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 (EMBOSS) TAPE AND REEL.
- E DIMENSION IS PORTION OF THE CORE.

|             |          |     |           |                                       |                                  |            |                                                                                          |      |            |
|-------------|----------|-----|-----------|---------------------------------------|----------------------------------|------------|------------------------------------------------------------------------------------------|------|------------|
| mat'l. code |          |     |           | surface<br>ISO 1302                   | tolerance<br>ISO 406<br>ISO 1101 | projection | product family                                                                           | 58RF | CODE<br>JP |
| ltr         | ecn no   | dr  | date      | tolerances unless otherwise specified | ±5                               | mm         | title<br>PLASTIC TAPE PACKAGED<br>1mm SPACING SMT CONNECTOR<br>(Cat. No. SFW__R-3STA1LF) |      |            |
| A           | J05-0024 | H.T | 1/20/05   | angles                                | Linear                           | mm         |                                                                                          |      |            |
| B           | J06-0398 | H.T | 9/26/06   | ±5'                                   |                                  | scale      |                                                                                          |      |            |
| C           | J09-0363 | M.Y | 2009-10-8 | dr                                    | M.YAMASHITA                      | 2009-10-8  | dwg no                                                                                   |      |            |
|             |          |     |           | enr                                   | M.YAMASHITA                      | 2009-10-8  |                                                                                          |      |            |
|             |          |     |           | chr                                   | S. Chelam                        | 2009-10-8  |                                                                                          |      |            |
|             |          |     |           | appd                                  | S. Chelam                        | 2009-10-8  | type Product Customer Drawing                                                            |      |            |
| sheet       | revision | C   |           |                                       |                                  |            |                                                                                          |      |            |
| index       | sheet    | 1   |           |                                       |                                  |            |                                                                                          |      |            |

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form: A4



| PT. NO. | PARTS NAME            | CAT. NO.       | MATERIAL          | Q'TY | NOTE               |
|---------|-----------------------|----------------|-------------------|------|--------------------|
| 1       | REEL                  | _____          | CARDBOARD         | 1    | COLOR:WHITE        |
| 2       | PLASTIC (EMBOSS) TAPE | _____          | PET               | —    | COLOR:TRANSPARENCY |
| 3       | COVER                 | _____          | POLYESTER         | —    | COLOR:TRANSPARENCY |
| 4       | CONNECTOR             | SFW__R-4STA_LF | SEE ATTACHED DWG. | 2000 | UPPER CONTACT TYPE |

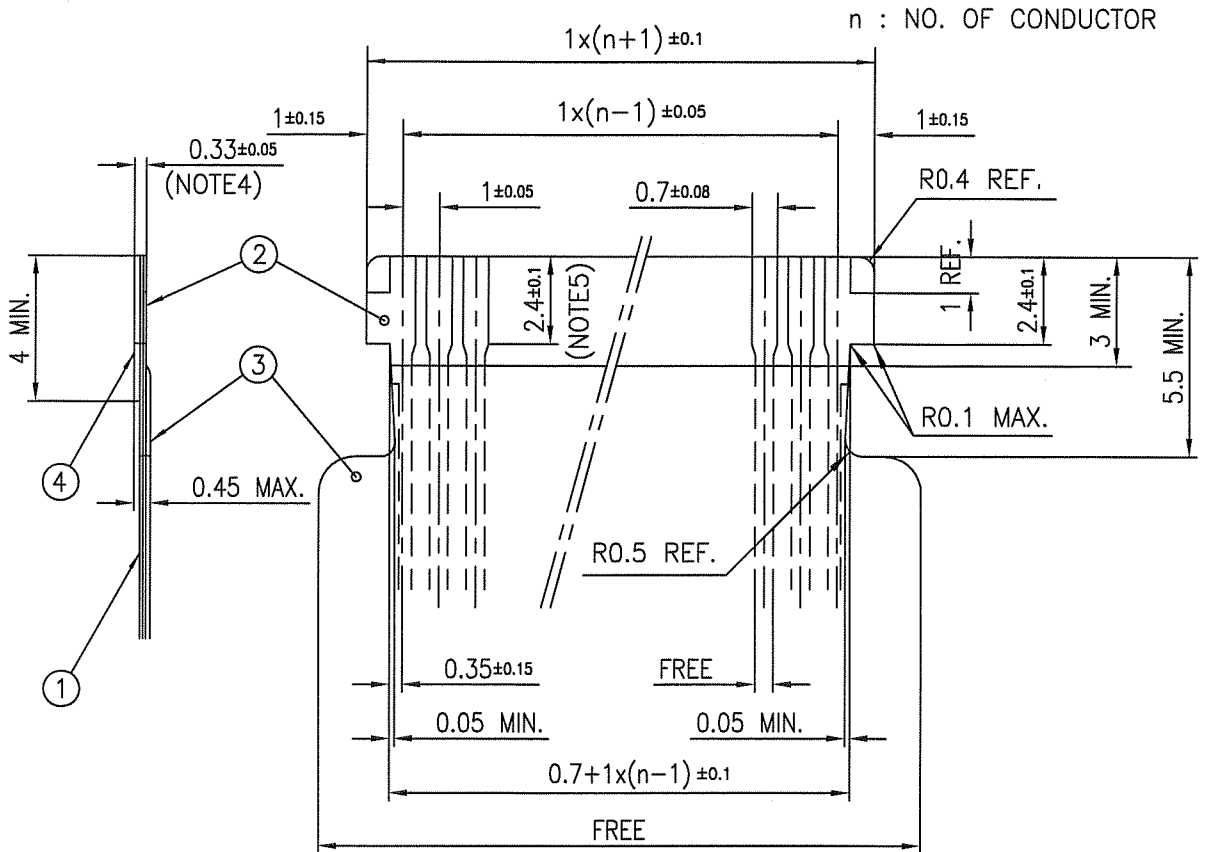
#### NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR WITH CABLE LOCK MECHANISM USED FOR FPC 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 (EMBOSS) TAPE AND REEL.
- E DIMENSION IS PORTION OF THE CORE.

|                          |  |                |  |                                        |  |                                  |  |                  |  |                                                                                           |  |                          |  |
|--------------------------|--|----------------|--|----------------------------------------|--|----------------------------------|--|------------------|--|-------------------------------------------------------------------------------------------|--|--------------------------|--|
| mat'l. code              |  |                |  | surface<br>ISO 1302 ✓                  |  | tolerance<br>ISO 406<br>ISO 1101 |  | projection<br>mm |  | product family<br>58RF                                                                    |  | CODE<br>JP               |  |
| ltr ecn no dr date       |  |                |  | tolerances, unless otherwise specified |  | angles                           |  | linear           |  | title<br>PLASTIC TAPE PACKAGED<br>1mm SPACING SMT CONNECTOR<br>(Cat. No. SFW__R-4STAE1LF) |  | dwg no sheet 1 of 1 size |  |
| A J05-0024 H.T 1/20/05   |  |                |  | ±5                                     |  | ±5°                              |  | mm               |  | scale X                                                                                   |  | JSA 96279 A4             |  |
| B J06-0398 H.T 9/26/06   |  |                |  |                                        |  |                                  |  |                  |  |                                                                                           |  |                          |  |
| C J09-0363 M.Y 2009-10-8 |  |                |  |                                        |  |                                  |  |                  |  |                                                                                           |  |                          |  |
|                          |  |                |  | dr H. YAHASHITA 2008-10-8              |  | 2008-10-8                        |  | FCJ              |  | type Product Customer Drawing                                                             |  | Rev. c                   |  |
|                          |  |                |  | enr H. YAHASHITA 2009-10-8             |  | 2009-10-8                        |  |                  |  |                                                                                           |  |                          |  |
|                          |  |                |  | chr S. M. K. 2008-10-8                 |  | 2008-10-8                        |  |                  |  |                                                                                           |  |                          |  |
|                          |  |                |  | appd S. A. 2008-10-8                   |  | 2008-10-8                        |  |                  |  |                                                                                           |  |                          |  |
| sheet index              |  | revision sheet |  | C 1                                    |  |                                  |  |                  |  |                                                                                           |  |                          |  |

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form: A4

# RECOMMENDED CABLE (FPC)



| PT. NO. | PARTS NAME      | MATERIAL                        | THICKNESS (um) |
|---------|-----------------|---------------------------------|----------------|
| 1       | BASE FILM       | POLYIMIDE OR POLYESTER OR EQUAL | 25             |
| 2       | CONDUCTOR       | COPPER FOIL(PLATING : GOLD)     | 35             |
| 3       | OVERLAY         | POLYIMIDE OR POLYESTER OR EQUAL | —              |
| 4       | SUPPORTING TAPE | POLYESTER OR POLYIMIDE OR EQUAL | 188            |

## NOTES

1. THIS DRAWING INDICATES THE FPC USED THE CONNECTOR WITH CABLE LOCK MECHANISM.
2. NO BURR AT EACH PORTION.
3. NO PEELING IN COMMON USE.
4. TOTAL THICKNESS LIMIT OF EACH MATERIAL (INCLUDING ADHESIVE AGENT) IS SPECIFIED.
5. THIS DIMENSION INDICATES THE RANGE FOR 0.7 ±0.08 CONDUCTOR WIDTH.

|                          |  |            |  |                                       |  |            |  |                               |  |         |  |
|--------------------------|--|------------|--|---------------------------------------|--|------------|--|-------------------------------|--|---------|--|
| mat'l. code              |  |            |  | surface 58 / tolerance ISO 1302       |  | projection |  | product family 58RF           |  | CODE JP |  |
| ltr ecn no dr date       |  |            |  | tolerances unless otherwise specified |  | mm         |  | title                         |  |         |  |
| A J05-0024 H.T 1/20/05   |  |            |  | angles linear                         |  | mm         |  | RECOMMENDED CABLE             |  |         |  |
| B J06-0398 H.T 9/26/06   |  |            |  |                                       |  |            |  | (Cat. No. SFW__R-3/4STA__)    |  |         |  |
| C J09-0363 M.Y 2009-10-8 |  |            |  |                                       |  | scale X    |  | dwg no sheet 1 of 1 size      |  |         |  |
|                          |  |            |  | dr H.YAMASHITA 2009-10-8              |  | FCJ        |  | JSA 96280 A4                  |  |         |  |
|                          |  |            |  | enr H.YAMASHITA 2009-10-8             |  |            |  | type Product Customer Drawing |  |         |  |
|                          |  |            |  | chr S. H. H. 2009-10-8                |  |            |  |                               |  |         |  |
|                          |  |            |  | appd S. H. H. 2009-10-8               |  |            |  |                               |  |         |  |
| sheet index              |  | revision C |  |                                       |  |            |  |                               |  | Rev. C  |  |
| sheet 1                  |  |            |  |                                       |  |            |  |                               |  |         |  |

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