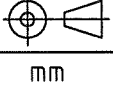
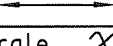


## List of "SFW\_\_R-1/2STE5LF" customer document

| DOCUMENT NO.     | LIST                                                                                |
|------------------|-------------------------------------------------------------------------------------|
| 10100522(SHEET1) | DOCUMENT LIST                                                                       |
| 10100522(SHEET2) | CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR (SFW__R-1/2ST__LF)                       |
| 10100522(SHEET3) | 1mm SPACING SMT CONNECTOR (SFW__R-1ST_LF)                                           |
| 10100522(SHEET4) | 1mm SPACING SMT CONNECTOR (SFW__R-2ST_LF)                                           |
| 10100522(SHEET5) | CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-1/2STE5LF) |
| 10100522(SHEET6) | PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-1STE5LF)                    |
| 10100522(SHEET7) | PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-2STE5LF)                    |
| 10100522(SHEET8) | RECOMMENDED CABLE (FPC) (SFW__R-1/2ST_)                                             |
| 10100522(SHEET9) | RECOMMENDED CABLE (FFC) (SFW__R-1/2ST_)                                             |
| SC-SFW10         | PRODUCT SPECIFICATION                                                               |
| GS-20-129        | HANDLING PROCEDURES                                                                 |

|               |                |      |            |                                                                                                                                                            |             |                                                                                                |                                                                                     |                                                                          |   |         |        |
|---------------|----------------|------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---|---------|--------|
| mat'l. code - |                |      |            | surface 58 <input checked="" type="checkbox"/> 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                                                                                                                      |             | mm          |                                                                                     | title                                                                    |   |         |        |
| A             | S09-0120       | DGOH | 09-04-17   | angles linear                                                                                                                                              |             | scale X                                                                                        |                                                                                     | 1mm SPACING SMT CONNECTOR DOCUMENT LIST<br>(Cat. No. : SFW__R-1/2STE5LF) |   |         |        |
| B             | J09-0356       | M.Y  | 2009-10-2  |                                                                                                                                                            |             |                                                                                                |                                                                                     | dwg no 10100522 sheet 1 of 9 size A4<br>type Product Customer Drawing    |   |         |        |
| C             | J09-0380       | M.Y  | 2009-10-27 |                                                                                                                                                            |             |                                                                                                |                                                                                     |                                                                          |   |         |        |
|               |                |      |            | dr                                                                                                                                                         | M.YAMASHITA | 2009-10-27                                                                                     |  |                                                                          |   |         |        |
|               |                |      |            | enr                                                                                                                                                        | M.YAMASHITA | 2009-10-27                                                                                     |                                                                                     |                                                                          |   |         |        |
|               |                |      |            | chr                                                                                                                                                        | S. W. H. L. | 2009-10-27                                                                                     |                                                                                     |                                                                          |   |         |        |
|               |                |      |            | appd                                                                                                                                                       | S. O. H. L. | 2009-10-27                                                                                     |                                                                                     |                                                                          |   |         |        |
| sheet index   | revision sheet | C    | C          | C                                                                                                                                                          | C           | C                                                                                              | C                                                                                   | C                                                                        | C | C       | Rev. C |
|               |                | 1    | 2          | 3                                                                                                                                                          | 4           | 5                                                                                              | 6                                                                                   | 7                                                                        | 8 | 9       |        |

## 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-1/2ST__LF  | 9.8                | 8.6     | 3.0     | 5.3     |
| 5                   | SFW5R-1/2ST__LF  | 10.8               | 9.6     | 4.0     | 6.3     |
| 6                   | SFW6R-1/2ST__LF  | 11.8               | 10.6    | 5.0     | 7.3     |
| 7                   | SFW7R-1/2ST__LF  | 12.8               | 11.6    | 6.0     | 8.3     |
| 8                   | SFW8R-1/2ST__LF  | 13.8               | 12.6    | 7.0     | 9.3     |
| 9                   | SFW9R-1/2ST__LF  | 14.8               | 13.6    | 8.0     | 10.3    |
| 10                  | SFW10R-1/2ST__LF | 15.8               | 14.6    | 9.0     | 11.3    |
| 11                  | SFW11R-1/2ST__LF | 16.8               | 15.6    | 10.0    | 12.3    |
| 12                  | SFW12R-1/2ST__LF | 17.8               | 16.6    | 11.0    | 13.3    |
| 13                  | SFW13R-1/2ST__LF | 18.8               | 17.6    | 12.0    | 14.3    |
| 14                  | SFW14R-1/2ST__LF | 19.8               | 18.6    | 13.0    | 15.3    |
| 15                  | SFW15R-1/2ST__LF | 20.8               | 19.6    | 14.0    | 16.3    |
| 16                  | SFW16R-1/2ST__LF | 21.8               | 20.6    | 15.0    | 17.3    |
| 17                  | SFW17R-1/2ST__LF | 22.8               | 21.6    | 16.0    | 18.3    |
| 18                  | SFW18R-1/2ST__LF | 23.8               | 22.6    | 17.0    | 19.3    |
| 19                  | SFW19R-1/2ST__LF | 24.8               | 23.6    | 18.0    | 20.3    |
| 20                  | SFW20R-1/2ST__LF | 25.8               | 24.6    | 19.0    | 21.3    |
| 21                  | SFW21R-1/2ST__LF | 26.8               | 25.6    | 20.0    | 22.3    |
| 22                  | SFW22R-1/2ST__LF | 27.8               | 26.6    | 21.0    | 23.3    |
| 23                  | SFW23R-1/2ST__LF | 28.8               | 27.6    | 22.0    | 24.3    |
| 24                  | SFW24R-1/2ST__LF | 29.8               | 28.6    | 23.0    | 25.3    |
| 25                  | SFW25R-1/2ST__LF | 30.8               | 29.6    | 24.0    | 26.3    |
| 26                  | SFW26R-1/2ST__LF | 31.8               | 30.6    | 25.0    | 27.3    |
| 27                  | SFW27R-1/2ST__LF | 32.8               | 31.6    | 26.0    | 28.3    |
| 28                  | SFW28R-1/2ST__LF | 33.8               | 32.6    | 27.0    | 29.3    |
| 29                  | SFW29R-1/2ST__LF | 34.8               | 33.6    | 28.0    | 30.3    |
| 30                  | SFW30R-1/2ST__LF | 35.8               | 34.6    | 29.0    | 31.3    |

CAT. NO.

SFW (n) R - 1 ST \_\_ LF

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC/FFC, CONTACT DIRECTION

1. LOWER CONTACT TYPE
2. UPPER CONTACT TYPE

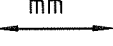
FOR AUTOMATIC MOUNTING (SMT)

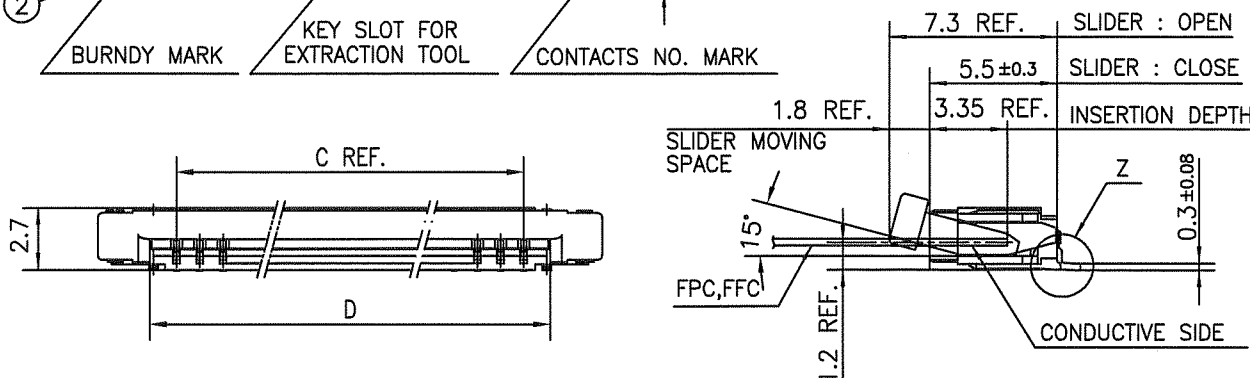
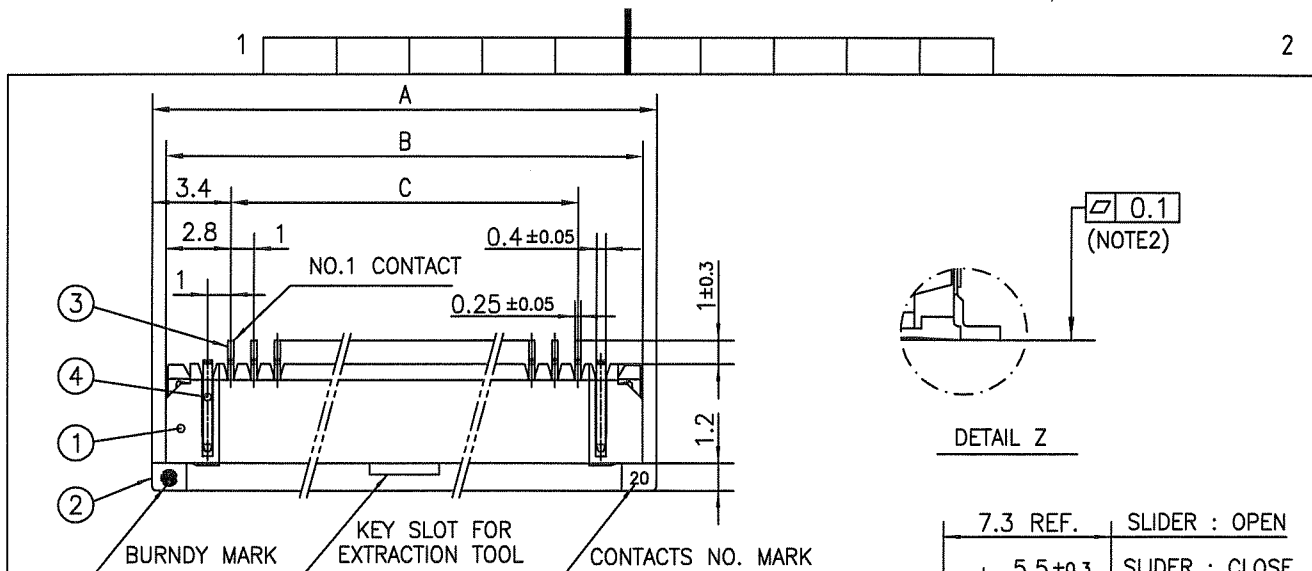
PACKAGE STYLE

LEAD FREE

## NOTES

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

|               |                |    |      |                                                                                        |                               |                                                                                                |  |                                                                                |  |         |        |
|---------------|----------------|----|------|----------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------|--|---------|--------|
| mat'l. code - |                |    |      | surface 58 / tolerance ISO 1302 <input checked="" type="checkbox"/> ISO 406 / ISO 1101 |                               | projection  |  | product family 58RF                                                            |  | CODE JP |        |
| ltr           | ecr no         | dr | date | tolerances unless otherwise specified                                                  |                               | mm          |  | title CAT. NO. TABLE FOR 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-1/2ST__LF) |  |         |        |
| c             |                |    |      | angles                                                                                 | linear                        | scale $\propto$                                                                                |  | dwg no sheet 2 of 9 size                                                       |  |         |        |
|               |                |    |      | dr                                                                                     | MYAMASHI 27A 2007-10-27       |             |  | 10100522 A4                                                                    |  |         |        |
|               |                |    | engr | MYAMASHI 27A 2009-10-27                                                                | type Product Customer Drawing |                                                                                                |  |                                                                                |  |         |        |
|               |                |    | chr  | S. Kishino 2009-10-27                                                                  |                               |                                                                                                |  |                                                                                |  |         |        |
|               |                |    | appd | S. Oda 2009-10-27                                                                      |                               |                                                                                                |  |                                                                                |  |         |        |
| sheet index   | revision sheet |    |      |                                                                                        |                               |                                                                                                |  |                                                                                |  |         | Rev. c |



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

n : NO. OF CONTACTS

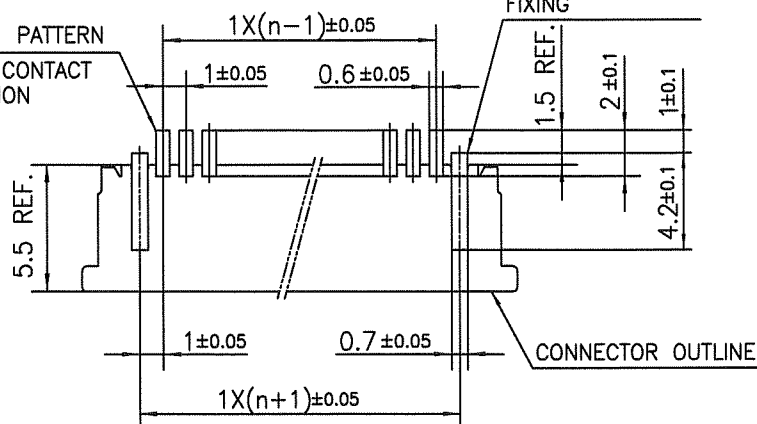
#### NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC 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.
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.

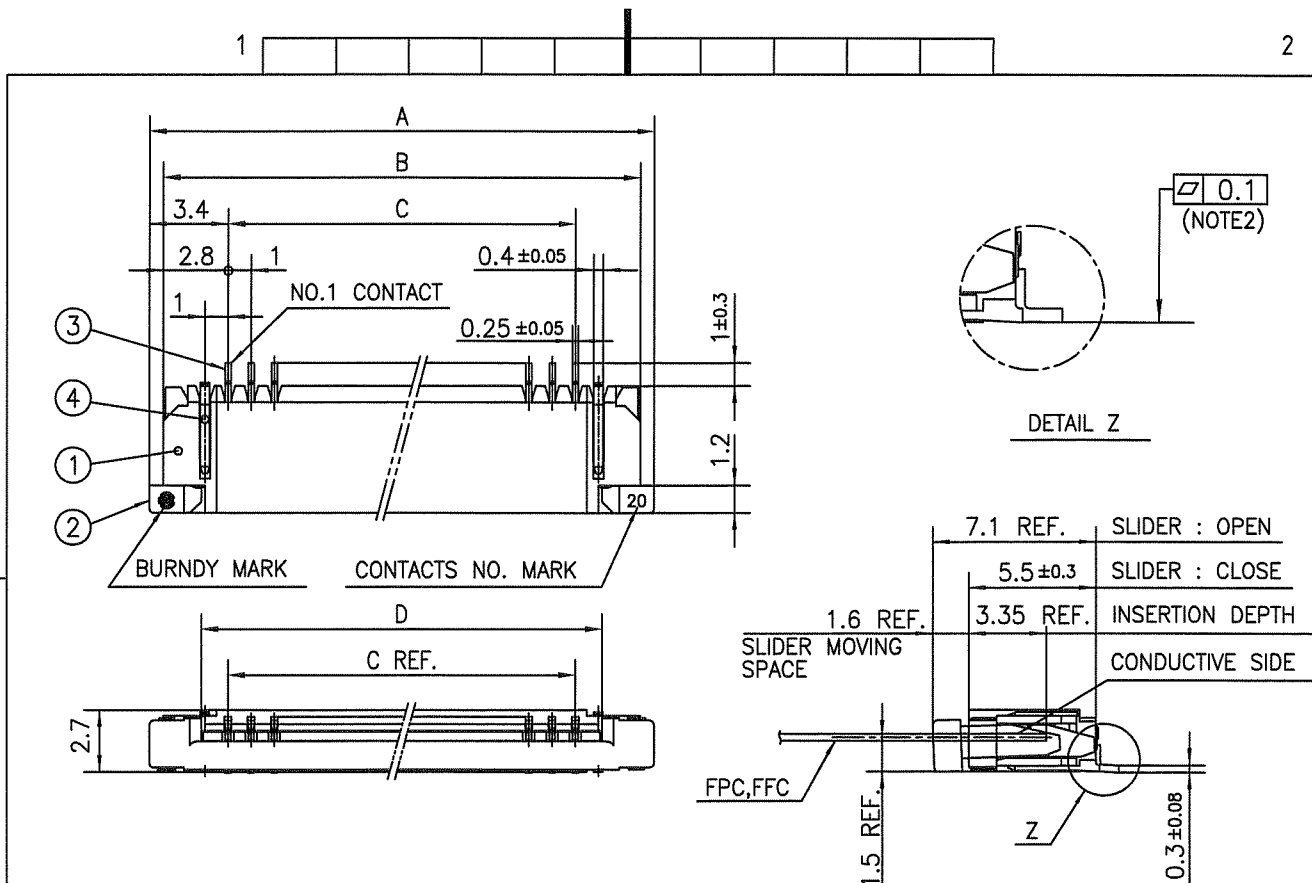
#### RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)

##### BASIC PATTERN

NO.1 CONTACT  
POSITION



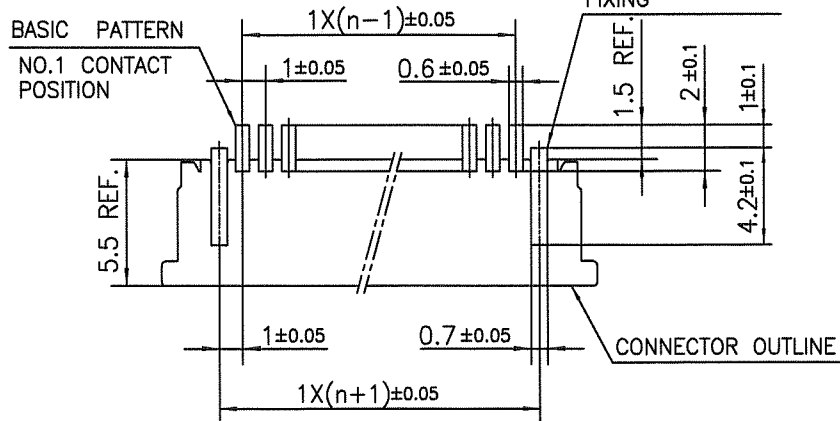
|             |                |    |      |                                                      |              |            |     |                                                        |          |              |                          |  |
|-------------|----------------|----|------|------------------------------------------------------|--------------|------------|-----|--------------------------------------------------------|----------|--------------|--------------------------|--|
| 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                                                  |          |              |                          |  |
| C           |                |    |      | ±0.2                                                 |              | mm         |     | 1mm SPACING SMT CONNECTOR<br>(Cat. No. SFW__R-1ST__LF) |          |              |                          |  |
|             |                |    |      | angles                                               | linear       | scale X    |     | dwg no                                                 |          | sheet 3 of 9 | size                     |  |
|             |                |    |      | dr                                                   | M. YAMASHITA | 2009-10-27 | FCI |                                                        | 10100522 |              | A4                       |  |
|             |                |    |      | engr                                                 | M. YAMASHITA | 2009-10-27 |     |                                                        | type     |              | Product Customer Drawing |  |
|             |                |    |      | chr                                                  | S. VIKAL     | 2009-10-27 |     |                                                        |          |              |                          |  |
|             |                |    |      | appd                                                 | S. D. DAN    | 2009-10-27 |     |                                                        |          |              |                          |  |
| sheet index | revision sheet |    |      |                                                      |              |            |     |                                                        |          |              | Rev. C                   |  |



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

n : NO. OF CONTACTS

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



#### NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC 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 UPPER CONTACT TYPE CONNECTOR.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

|             |        |                |      |                                                      |             |            |  |                                                     |          |                          |              |    |
|-------------|--------|----------------|------|------------------------------------------------------|-------------|------------|--|-----------------------------------------------------|----------|--------------------------|--------------|----|
| mat'l. code |        |                |      | surface 58 / tolerance ISO 1302 / ISO 406 / ISO 1101 |             | projection |  | product family 58RF                                 |          | CODE JP                  |              |    |
| ltr         | ecn no | dr             | date | tolerances unless otherwise specified                |             | mm         |  | title                                               |          |                          |              |    |
| C           |        |                |      | angles                                               | linear ±0.2 | scale X    |  | 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-2ST__LF) |          |                          |              |    |
|             |        |                |      | dr                                                   | M.YAHASHITA | 2009-10-27 |  |                                                     | dwg no   |                          | sheet 4 of 9 |    |
|             |        |                |      | engr                                                 | M.YAHASHITA | 2009-10-27 |  |                                                     | 10100522 |                          | size         | A4 |
|             |        |                |      | chr                                                  | J. H. H. H. | 2009-10-27 |  |                                                     |          |                          |              |    |
|             |        |                |      | appd                                                 | P. Radam    | 2009-10-27 |  |                                                     |          |                          |              |    |
| sheet index |        | revision sheet |      |                                                      |             |            |  | type                                                |          | Product Customer Drawing |              |    |
|             |        |                |      |                                                      |             |            |  |                                                     |          | Rev. C                   |              |    |

## CAT. NO. &amp; DIMENSIONS

| NO. OF CONTACTS (n) | CAT. NO. (NOTE2) | DIMENSIONS (NOTE3) |         |         |
|---------------------|------------------|--------------------|---------|---------|
|                     |                  | E MAX.             | F ± 0.3 | G ± 0.1 |
| 4                   | SFW4R-1/2STE5LF  | 22.4               | 16      | —       |
| 5                   | SFW5R-1/2STE5LF  | 30.4               | 24      | —       |
| 6                   | SFW6R-1/2STE5LF  | 30.4               | 24      | —       |
| 7                   | SFW7R-1/2STE5LF  | 30.4               | 24      | —       |
| 8                   | SFW8R-1/2STE5LF  | 30.4               | 24      | —       |
| 9                   | SFW9R-1/2STE5LF  | 30.4               | 24      | —       |
| 10                  | SFW10R-1/2STE5LF | 30.4               | 24      | —       |
| 11                  | SFW11R-1/2STE5LF | 30.4               | 24      | —       |
| 12                  | SFW12R-1/2STE5LF | 30.4               | 24      | —       |
| 13                  | SFW13R-1/2STE5LF | 38.4               | 32      | 28.4    |
| 14                  | SFW14R-1/2STE5LF | 38.4               | 32      | 28.4    |
| 15                  | SFW15R-1/2STE5LF | 38.4               | 32      | 28.4    |
| 16                  | SFW16R-1/2STE5LF | 38.4               | 32      | 28.4    |
| 17                  | SFW17R-1/2STE5LF | 50.4               | 44      | 40.4    |
| 18                  | SFW18R-1/2STE5LF | 50.4               | 44      | 40.4    |
| 19                  | SFW19R-1/2STE5LF | 50.4               | 44      | 40.4    |
| 20                  | SFW20R-1/2STE5LF | 50.4               | 44      | 40.4    |
| 21                  | SFW21R-1/2STE5LF | 50.4               | 44      | 40.4    |
| 22                  | SFW22R-1/2STE5LF | 50.4               | 44      | 40.4    |
| 23                  | SFW23R-1/2STE5LF | 50.4               | 44      | 40.4    |
| 24                  | SFW24R-1/2STE5LF | 50.4               | 44      | 40.4    |
| 25                  | SFW25R-1/2STE5LF | 50.4               | 44      | 40.4    |
| 26                  | SFW26R-1/2STE5LF | 50.4               | 44      | 40.4    |
| 27                  | SFW27R-1/2STE5LF | 50.4               | 44      | 40.4    |
| 28                  | SFW28R-1/2STE5LF | 62.4               | 56      | 52.4    |
| 29                  | SFW29R-1/2STE5LF | 62.4               | 56      | 52.4    |
| 30                  | SFW30R-1/2STE5LF | 62.4               | 56      | 52.4    |

CAT. NO.

SFW (n) R - 1 ST E5 LF

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC/FFC,  
WITH CABLE LOCK MECHANISM

CONTACT DIRECTION

1. LOWER CONTACT TYPE
2. UPPER CONTACT TYPE

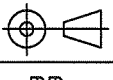
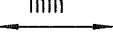
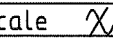
FOR AUTOMATIC MOUNTING  
(SMT)

TAPE PACKAGING

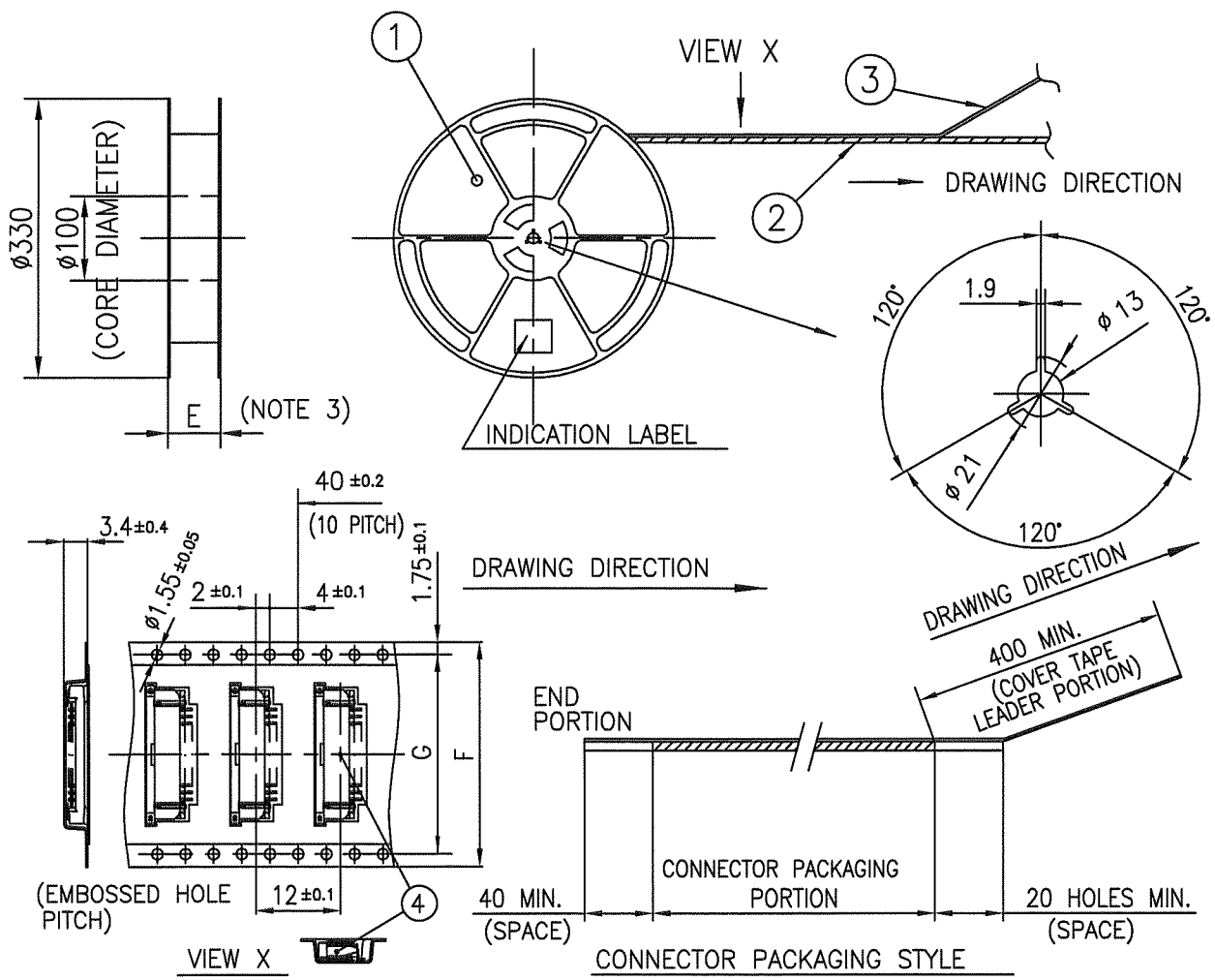
LEAD FREE

## NOTES

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

|               |          |       |      |                                                        |                         |                                                                                                |  |                                                                                                     |  |                          |        |
|---------------|----------|-------|------|--------------------------------------------------------|-------------------------|------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|--|--------------------------|--------|
| 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 CAT NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-1/2STE5LF) |  |                          |        |
| C             |          |       |      | angles                                                 | linear                  | scale       |  | dwg no                                                                                              |  | sheet 5 of 9             | size   |
|               |          |       |      | dr                                                     | M. YAHASHITA 2007-10-27 | F C I                                                                                          |  | 10100522                                                                                            |  |                          | A4     |
|               |          |       |      | engr                                                   | M. YAHASHITA 2007-10-27 |                                                                                                |  | type                                                                                                |  | Product Customer Drawing |        |
|               |          |       |      | chr                                                    | S. H. K. 2007-10-27     |                                                                                                |  |                                                                                                     |  |                          |        |
|               |          |       |      | appd                                                   | S. H. K. 2007-10-27     |                                                                                                |  |                                                                                                     |  |                          |        |
| sheet index   | revision | sheet |      |                                                        |                         |                                                                                                |  |                                                                                                     |  |                          | Rev. C |





| PT. NO. | PARTS NAME            | CAT. NO.       | MATERIAL          | Q'TY  | NOTE                   |
|---------|-----------------------|----------------|-------------------|-------|------------------------|
| 1       | REEL                  | _____          | POLYSTYRENE       | 1     | COLOR : WHITE or BLACK |
| 2       | PLASTIC (EMBOSS) TAPE | _____          | PET               | _____ | COLOR : TRANSPARENCY   |
| 3       | COVER                 | _____          | POLYESTER         | _____ | COLOR : TRANSPARENCY   |
| 4       | CONNECTOR             | SFW__R-1ST__LF | SEE ATTACHED DWG. | 1500  | LOWER CONTACT TYPE     |

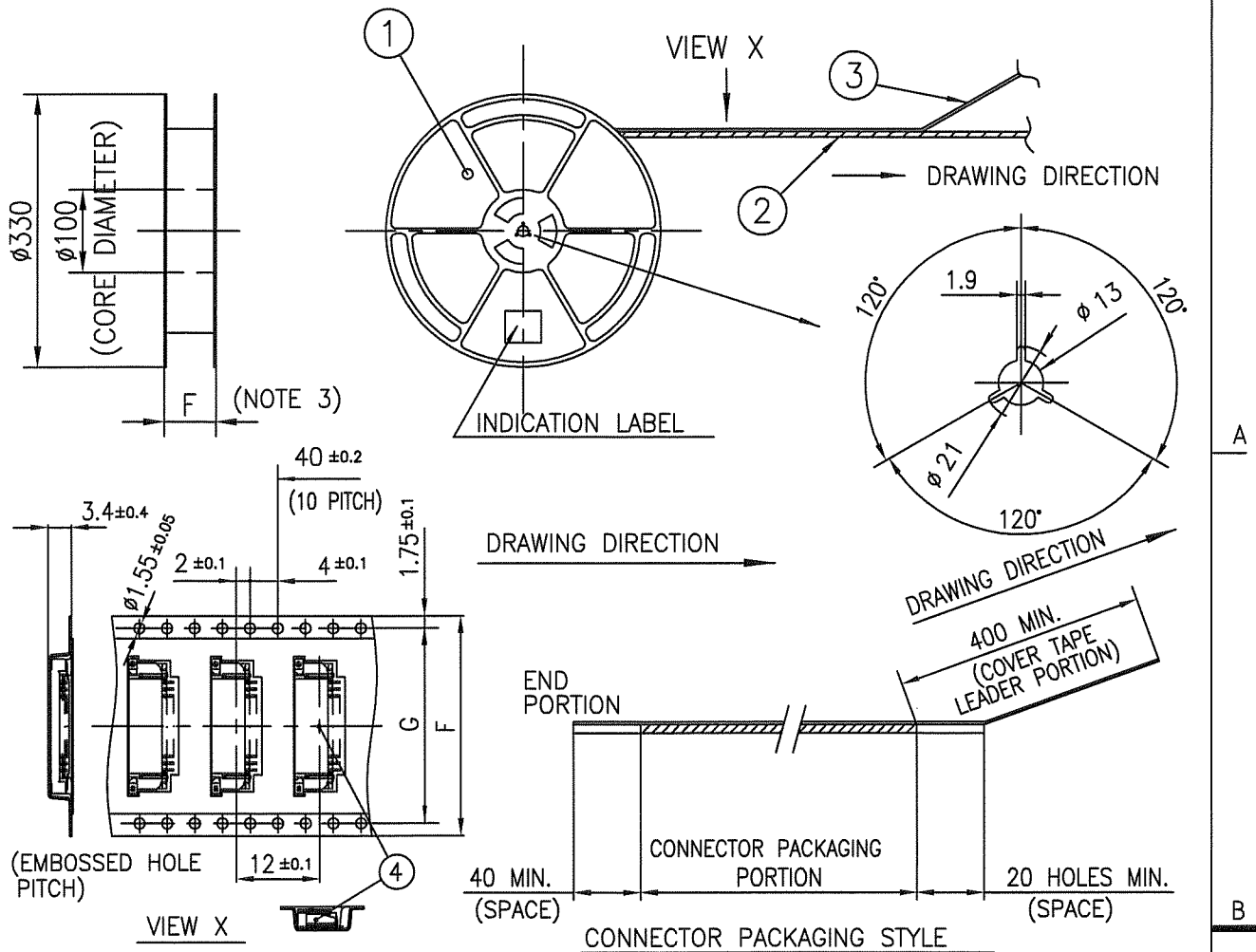
- NOTES
1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND CYPES WITH AUTOMATIC MOUNTING (SMT).
  2. SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
  3. E DIMENSION IS PORTION OF 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 |  |
| litr<br>C   |  |                |  | ecn no                  |  | dr                               |  | date             |  | title<br>PLASTIC TAPE PACKAGED<br>1mm SPACING SMT CONNECTOR<br>(Cat. No. SFW__R-1STE5LF) |  |            |  |
|             |  |                |  | angles<br>±5°           |  | linear<br>±5                     |  | scale<br>X       |  | dwg no<br>10100522                                                                       |  |            |  |
|             |  |                |  | dr<br>H. YAMAGUCHI      |  | 2009-10-27                       |  | FCI              |  | sheet 6 of 9                                                                             |  |            |  |
|             |  |                |  | enr<br>H. YAMAGUCHI     |  | 2009-10-27                       |  |                  |  | size<br>A4                                                                               |  |            |  |
|             |  |                |  | chr<br>S. W. H. L.      |  | 2009-10-27                       |  |                  |  | type<br>Product Customer Drawing                                                         |  |            |  |
|             |  |                |  | appd<br>S. Ch. d. d. d. |  | 2009-10-27                       |  |                  |  | Rev.<br>C                                                                                |  |            |  |
| sheet index |  | revision sheet |  |                         |  |                                  |  |                  |  |                                                                                          |  |            |  |



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| PT. NO. | PARTS NAME            | CAT. NO.       | MATERIAL          | Q'TY  | NOTE                   |
|---------|-----------------------|----------------|-------------------|-------|------------------------|
| 1       | REEL                  | _____          | POLYSTYRENE       | 1     | COLOR : WHITE or BLACK |
| 2       | PLASTIC (EMBOSS) TAPE | _____          | PET               | _____ | COLOR : TRANSPARENCY   |
| 3       | COVER                 | _____          | POLYESTER         | _____ | COLOR : TRANSPARENCY   |
| 4       | CONNECTOR             | SFW__R-2ST__LF | SEE ATTACHED DWG. | 1500  | UPPER CONTACT TYPE     |

## NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND COTES WITH AUTOMATIC MOUNTING (SMT).
2. SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
3. 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<br>c           |  | ecn no                |  | dr                               |  | date             |  | title<br>PLASTIC TAPE PACKAGED<br>1mm SPACING SMT CONNECTOR<br>(Cat. No. SFW__R-2STE5LF) |  | dwg no<br>10100522 |  |
| angles<br>±5°      |  | linear                |  | ±5                               |  | scale<br>X       |  | type<br>Product Customer Drawing                                                         |  | size<br>A4         |  |
| dr<br>H. YAMASHITA |  | engr<br>H. YAMASHITA  |  | chr<br>S. W. W.                  |  | appd<br>J. C. C. |  | sheet 7 of 9                                                                             |  | Rev.<br>c          |  |
| sheet index        |  | revision sheet        |  |                                  |  |                  |  |                                                                                          |  |                    |  |

form: A4

1

2

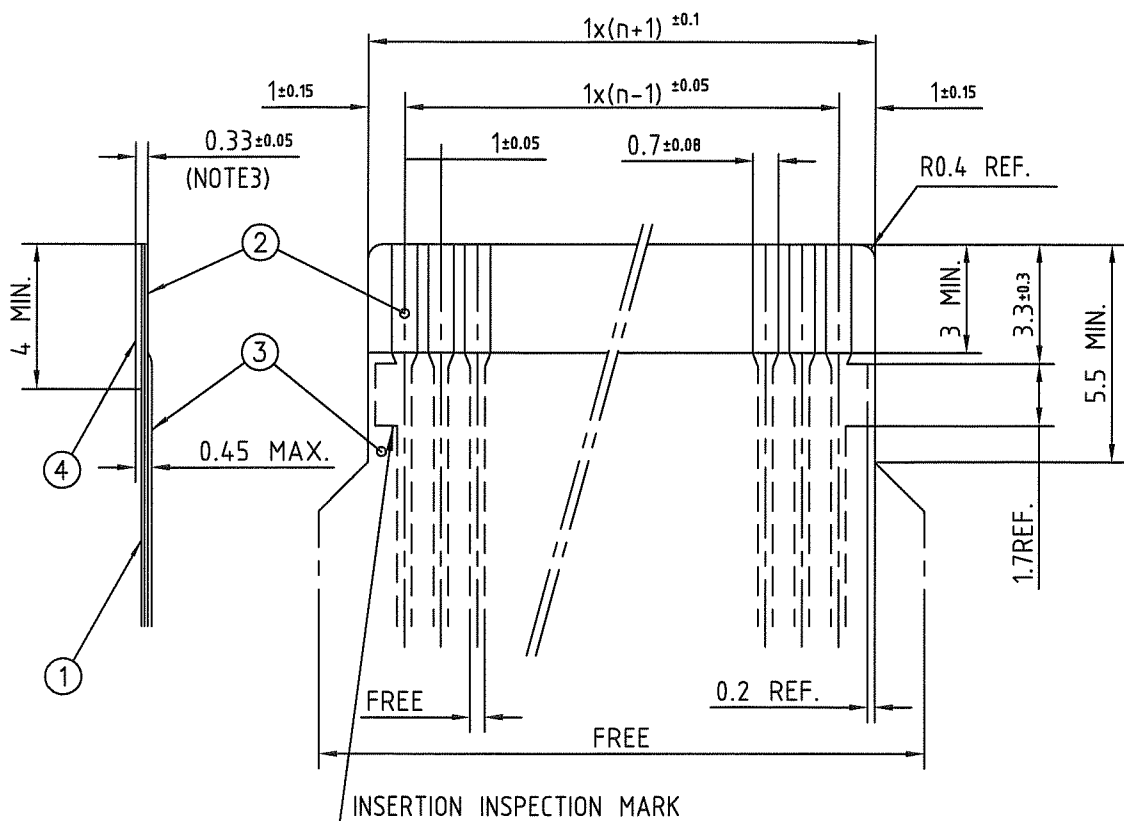
PDM: Rev:C

STATUS: Released

Printed: Nov 12, 2010

## RECOMMENDED CABLE (FPC)

n : NO. OF CONDUCTOR



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

## NOTES

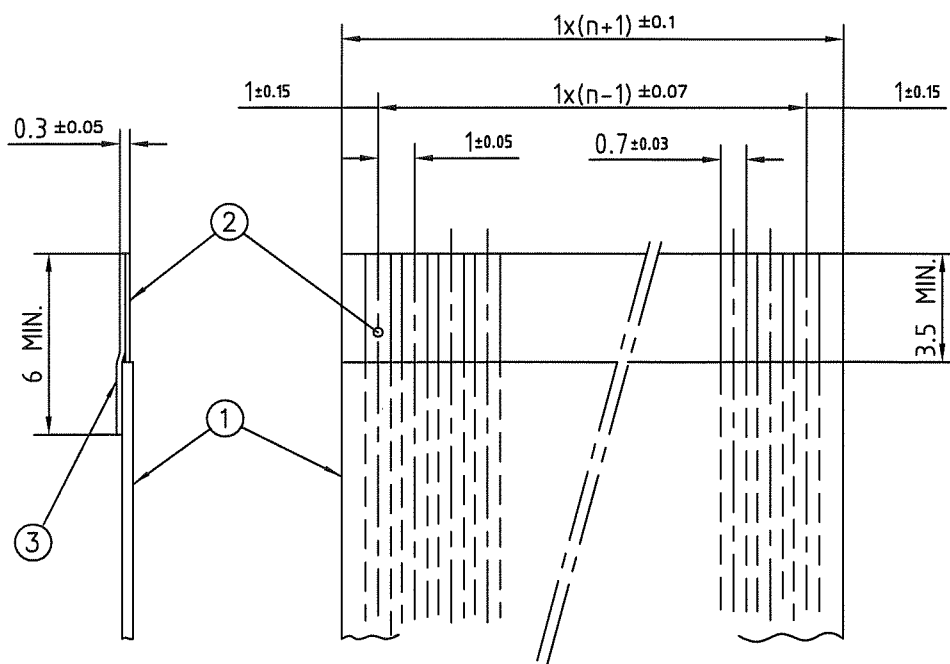
1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.
3. TOTAL THICKNESS LIMIT OF EACH MATERIAL (INCLUDING ADHESIVE AGENT) IS SPECIFIED.

|             |                |    |      |                                       |  |                            |  |            |  |                                              |  |              |        |
|-------------|----------------|----|------|---------------------------------------|--|----------------------------|--|------------|--|----------------------------------------------|--|--------------|--------|
| mat'l. code |                |    |      | surface 58/ISO 1302                   |  | tolerance ISO 406/ISO 1101 |  | projection |  | product family 58RF                          |  | CODE JP      |        |
| ltr         | ecn no         | dr | date | tolerances unless otherwise specified |  | angles linear              |  | mm         |  | title                                        |  |              |        |
| C           |                |    |      |                                       |  |                            |  | scale X    |  | RECOMMENDED CABLE<br>(Cat. No. SFW__R-1/2__) |  |              |        |
|             |                |    |      |                                       |  |                            |  |            |  | dwg no                                       |  | sheet 8 of 9 | size   |
|             |                |    |      |                                       |  |                            |  |            |  | 10100522                                     |  |              | A4     |
|             |                |    |      |                                       |  |                            |  |            |  | type Product Customer Drawing                |  |              |        |
| sheet index | revision sheet |    |      |                                       |  |                            |  |            |  |                                              |  |              | Rev. C |



## RECOMMENDED CABLE (FFC)

n : NO. OF CONDUCTOR



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

## NOTES

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

|             |  |  |  |                     |  |                            |  |            |  |                         |  |                          |  |
|-------------|--|--|--|---------------------|--|----------------------------|--|------------|--|-------------------------|--|--------------------------|--|
| mat'l. code |  |  |  | surface 58/ISO 1302 |  | tolerance ISO 406 ISO 1101 |  | projection |  | product family 58RF     |  | CODE JP                  |  |
| ltr         |  |  |  | ecn no              |  | dr                         |  | date       |  | title                   |  | RECOMMENDED CABLE        |  |
| C           |  |  |  |                     |  |                            |  |            |  | (Cat. No. SFW__R-1/2__) |  |                          |  |
|             |  |  |  | angles              |  | linear                     |  | mm         |  |                         |  |                          |  |
|             |  |  |  |                     |  |                            |  | scale      |  | X                       |  |                          |  |
|             |  |  |  | dr                  |  | M. YAMAGUCHI               |  | 2009-10-27 |  | dwg no                  |  | sheet 9 of 9             |  |
|             |  |  |  | enr                 |  | M. YAMAGUCHI               |  | 2009-10-27 |  | 10100522                |  | size A4                  |  |
|             |  |  |  | chr                 |  | S. Nishikawa               |  | 2009-10-27 |  |                         |  |                          |  |
|             |  |  |  | appd                |  | P. O. O. O. O.             |  | 2009-10-27 |  |                         |  |                          |  |
| sheet index |  |  |  | revision sheet      |  |                            |  |            |  | type                    |  | Product Customer Drawing |  |
|             |  |  |  |                     |  |                            |  |            |  |                         |  | Rev. C                   |  |