

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

CAT. NO.

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

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

## NOTES

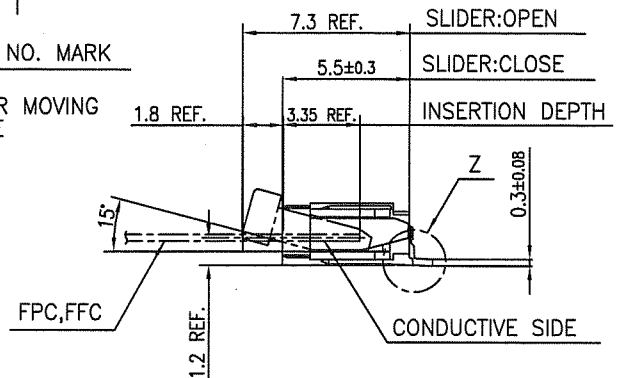
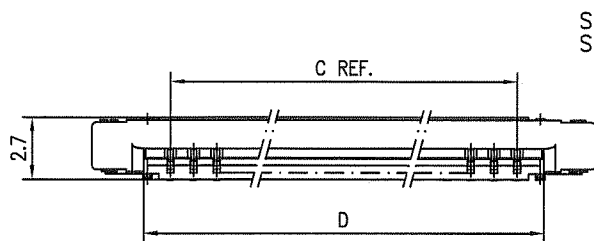
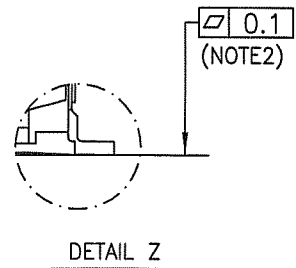
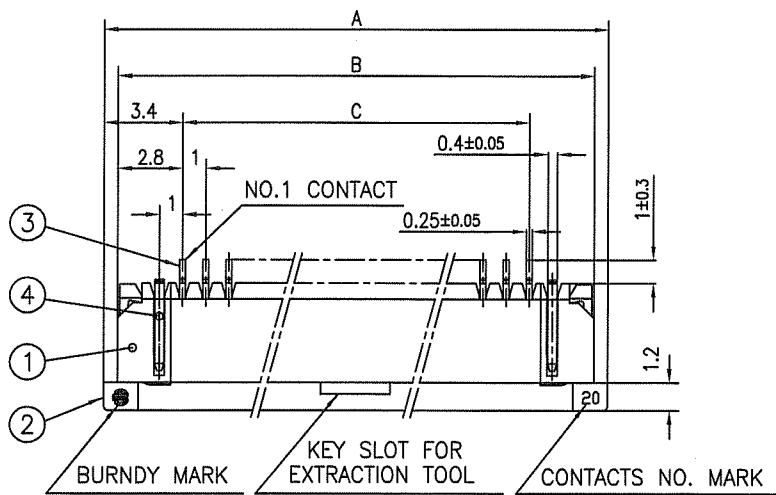
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COTES WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A~D.

|             |  |                                |  |                            |  |            |  |                                       |  |                                                                       |  |
|-------------|--|--------------------------------|--|----------------------------|--|------------|--|---------------------------------------|--|-----------------------------------------------------------------------|--|
| 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 |  | title                                                                 |  |
| 4           |  | Redman & 27, 28 position added |  | A.U                        |  | '93-7-20   |  | angles linear                         |  | CAT NO. TABLE FOR 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-1/2ST__) |  |
| A           |  | J06-0398                       |  | H.T                        |  | 9/26/'06   |  | mm                                    |  | scale X                                                               |  |
| B           |  | J09-0358                       |  | M.Y                        |  | 2009-10-5  |  | scale X                               |  | dwg no sheet 1 of 1 size                                              |  |
|             |  |                                |  |                            |  |            |  | FCI                                   |  | JSA 91598 A4                                                          |  |
|             |  |                                |  |                            |  |            |  |                                       |  | type Product Customer Drawing                                         |  |
| sheet index |  | revision                       |  | B                          |  |            |  |                                       |  | Rev. B                                                                |  |
| sheet       |  | 1                              |  |                            |  |            |  |                                       |  |                                                                       |  |

SC-SFW01 form: A4 JSA91599 91600 91604 91605

1

2

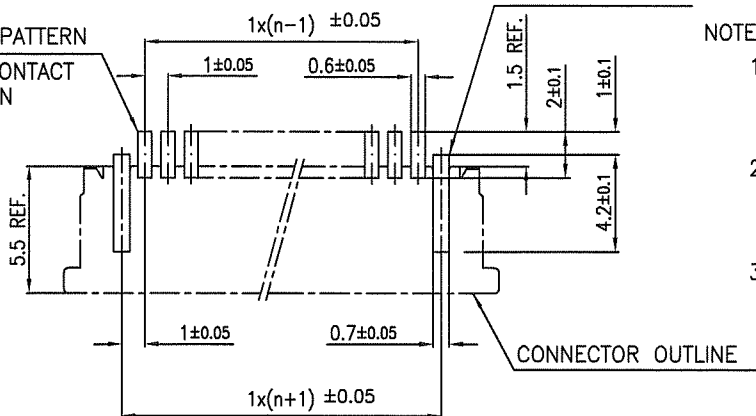


| PT. NO. | PARTS NAME     | MATERIAL                             | Q'TY | NOTE              |
|---------|----------------|--------------------------------------|------|-------------------|
| 1       | HOUSING        | PPS RESIN GLASS REINFORCED (UL94V-0) | 1    | COLOR:BROWN       |
| 2       | SLIDER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

n : NO. OF CONTACTS

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

BASIC PATTERN  
NO.1 CONTACT  
POSITION

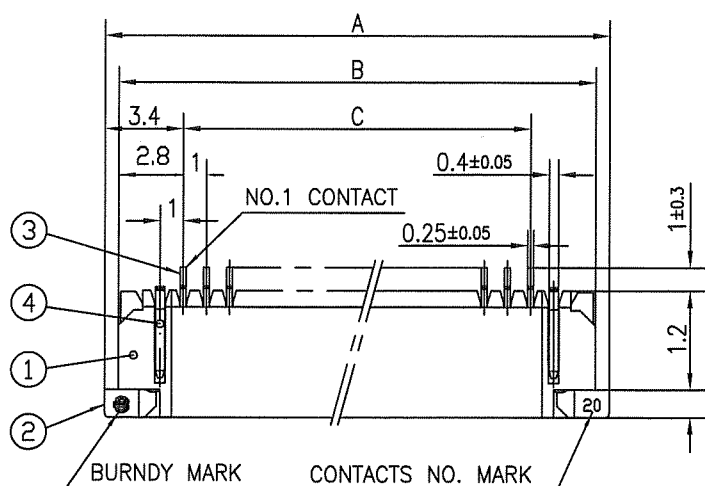


#### NOTES

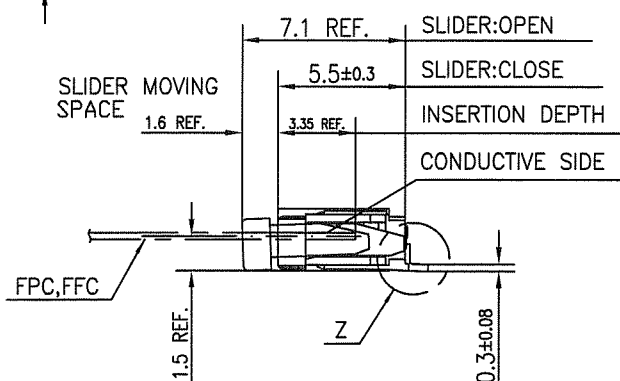
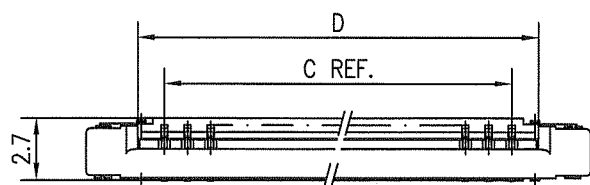
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPEs WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS FOR CONTACT TERMINAL HOUSING MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS PRODUCT IS LOWER CONTACT TYPE CONNECTOR.

|             |          |     |           |                                       |                    |            |                               |         |
|-------------|----------|-----|-----------|---------------------------------------|--------------------|------------|-------------------------------|---------|
| mat'l. code |          |     |           | surface 58                            | tolerance ISO 1302 | projection | product family 58RF           | CODE JP |
| ltr         | ecn no   | dr  | date      | ISO 406                               | ISO 1101           | mm         | title                         |         |
| AA          | J04-0180 | H.T | 7/2/04    | tolerances unless otherwise specified | ±0.2               | scale X    | 1mm SPACING SMT CONNECTOR     |         |
| AB          | J06-0398 | H.T | 9/26/06   | angles                                | linear             |            | (Cat. No. SFW__R-1ST__)       |         |
| AC          | J09-0358 | M.Y | 2009-10-5 |                                       |                    |            | dwg no sheet 1 of 1 size      |         |
|             |          |     |           | dr                                    | M.YANASHITA        | 2009-10-5  | JSA 91599                     |         |
|             |          |     |           | engr                                  | M.YANASHITA        | 2009-10-5  | A4                            |         |
|             |          |     |           | chr                                   | S. Watanabe        | 2009-10-6  | type Product Customer Drawing |         |
|             |          |     |           | appd                                  | P. Chelomov        | 2009-10-6  |                               |         |
| sheet index | revision | AC  |           |                                       |                    |            | Rev. AC                       |         |

SC-SFW01 JSA91598  
form: A4

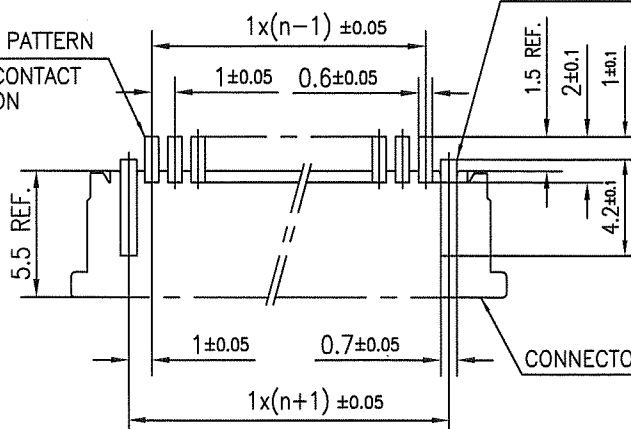


DETAIL Z



| 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 ALLOY |
| 4       | MOUNTING PLATE |                                         | 2    |                   |

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT  
(COMPONENT SIDE)BASIC PATTERN  
NO.1 CONTACT  
POSITIONPATTERN FOR  
MOUNTING PLATE  
FIXING

## 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.

|             |          |          |           |                                       |  |            |  |                               |  |         |  |
|-------------|----------|----------|-----------|---------------------------------------|--|------------|--|-------------------------------|--|---------|--|
| 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                         |  |         |  |
| AA          | J04-0180 | H.T      | 7/2/'04   | angles linear ±0.2                    |  | mm         |  | 1mm SPACING SMT CONNECTOR     |  |         |  |
| AB          | J06-0398 | H.T      | 9/26/'06  |                                       |  | scale X    |  | (Cat. No. SFW__R-2ST__)       |  |         |  |
| AC          | J09-0358 | M.Y      | 2009-10-5 |                                       |  |            |  | dwg no sheet 1 of 1 size      |  |         |  |
|             |          |          |           | dr H. SAKASHITA 2009-10-5             |  |            |  | JSA 91600 A4                  |  |         |  |
|             |          |          |           | engr H. SAKASHITA 2009-10-5           |  |            |  |                               |  |         |  |
|             |          |          |           | chr S. Watanabe 2009-10-6             |  |            |  |                               |  |         |  |
|             |          |          |           | appd S. Chelam 2009-10-6              |  |            |  |                               |  |         |  |
| sheet index |          | revision | AC        |                                       |  |            |  | type Product Customer Drawing |  | Rev. AC |  |

SC-SFW01 JSA91598  
form: A4

## CAT. NO. &amp; DIMENSIONS

| NO. OF CONTACTS (n) | CAT. NO. (NOTE2) | DIMENSIONS (NOTE3) |         |         |
|---------------------|------------------|--------------------|---------|---------|
|                     |                  | E ± 5              | F ± 0.3 | G ± 0.1 |
| 4                   | SFW4R-1/2STE1    | 20.4               | 16      | —       |
| 5                   | SFW5R-1/2STE1    | 28.4               | 24      | —       |
| 6                   | SFW6R-1/2STE1    | 28.4               | 24      | —       |
| 7                   | SFW7R-1/2STE1    | 28.4               | 24      | —       |
| 8                   | SFW8R-1/2STE1    | 28.4               | 24      | —       |
| 9                   | SFW9R-1/2STE1    | 28.4               | 24      | —       |
| 10                  | SFW10R-1/2STE1   | 28.4               | 24      | —       |
| 11                  | SFW11R-1/2STE1   | 28.4               | 24      | —       |
| 12                  | SFW12R-1/2STE1   | 28.4               | 24      | —       |
| 13                  | SFW13R-1/2STE1   | 36.4               | 32      | 28.4    |
| 14                  | SFW14R-1/2STE1   | 36.4               | 32      | 28.4    |
| 15                  | SFW15R-1/2STE1   | 36.4               | 32      | 28.4    |
| 16                  | SFW16R-1/2STE1   | 36.4               | 32      | 28.4    |
| 17                  | SFW17R-1/2STE1   | 48.4               | 44      | 40.4    |
| 18                  | SFW18R-1/2STE1   | 48.4               | 44      | 40.4    |
| 19                  | SFW19R-1/2STE1   | 48.4               | 44      | 40.4    |
| 20                  | SFW20R-1/2STE1   | 48.4               | 44      | 40.4    |
| 21                  | SFW21R-1/2STE1   | 48.4               | 44      | 40.4    |
| 22                  | SFW22R-1/2STE1   | 48.4               | 44      | 40.4    |
| 23                  | SFW23R-1/2STE1   | 48.4               | 44      | 40.4    |
| 24                  | SFW24R-1/2STE1   | 48.4               | 44      | 40.4    |
| 25                  | SFW25R-1/2STE1   | 48.4               | 44      | 40.4    |
| 26                  | SFW26R-1/2STE1   | 48.4               | 44      | 40.4    |
| 27                  | SFW27R-1/2STE1   | 48.4               | 44      | 40.4    |
| 28                  | SFW28R-1/2STE1   | 60.4               | 56      | 52.4    |
| 29                  | SFW29R-1/2STE1   | 60.4               | 56      | 52.4    |
| 30                  | SFW30R-1/2STE1   | 60.4               | 56      | 52.4    |

CAT. NO.

SFW (n) R - 1 ST E1

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)

TAPE PACKAGING

## NOTES

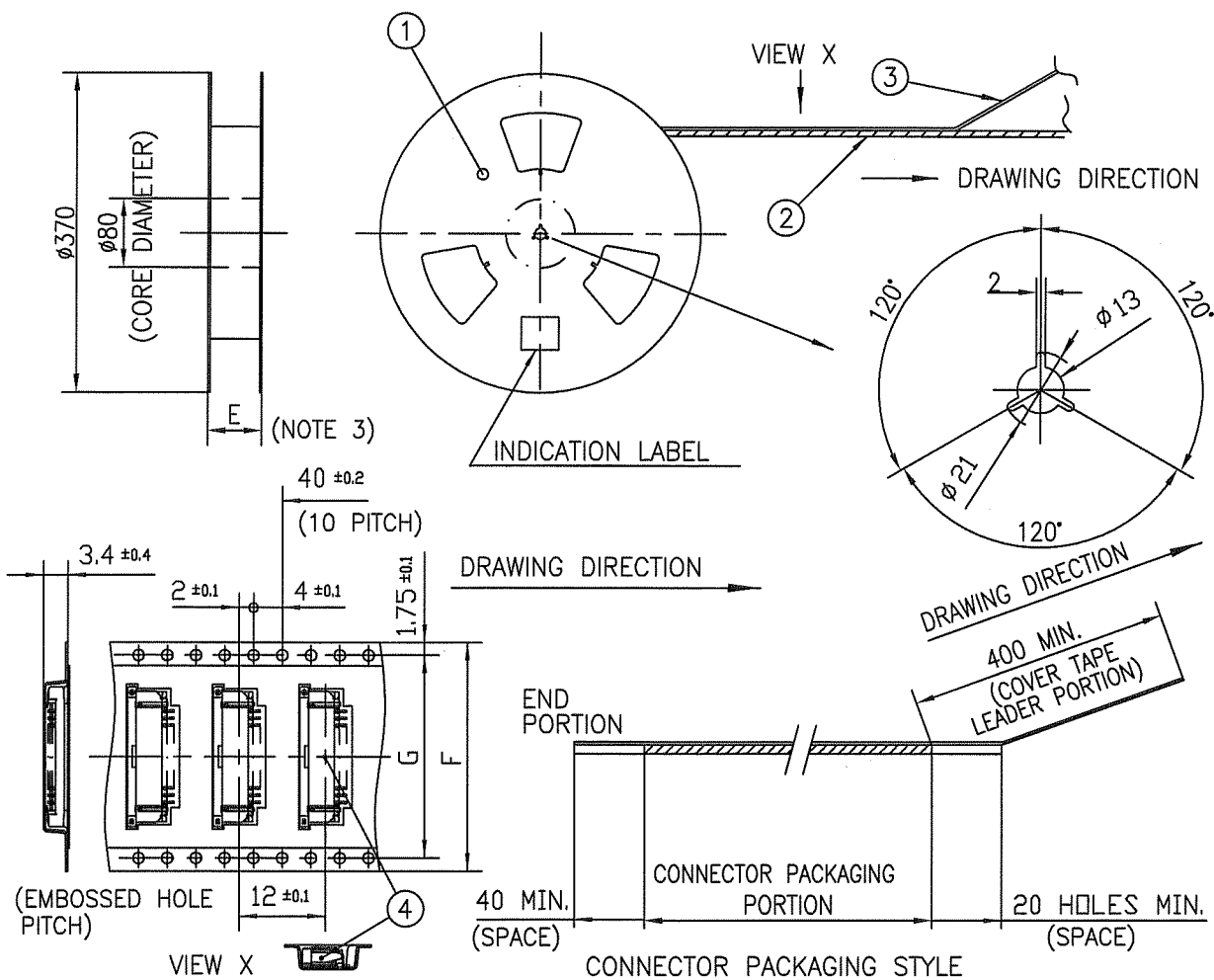
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPS WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS E~G.

|             |                               |                                                    |           |                                       |              |                                                                                             |           |                   |                          |
|-------------|-------------------------------|----------------------------------------------------|-----------|---------------------------------------|--------------|---------------------------------------------------------------------------------------------|-----------|-------------------|--------------------------|
| 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 |              | title                                                                                       |           | sheet 1 of 1 size |                          |
| 4           | REWORK * 2729 POSITIONS ADDED | A.U                                                | 7/20/93   | angles Linear                         |              | CAT NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-1/2STE1) |           | A4                |                          |
| A           | J06-0398                      | H.T                                                | 9/26/06   |                                       |              |                                                                                             |           |                   |                          |
| B           | J09-0358                      | M.Y                                                | 2009-10-5 |                                       |              |                                                                                             |           |                   |                          |
|             |                               |                                                    |           | dr                                    | K. YAMASHITA | 2009-10-5                                                                                   | dwg no    |                   | sheet 1 of 1 size        |
|             |                               |                                                    |           | engr                                  | K. YAMASHITA | 2009-10-5                                                                                   | JSA 91601 |                   | A4                       |
|             |                               |                                                    |           | chr                                   | D. W. H. H.  | 2009-10-6                                                                                   | type      |                   | Product Customer Drawing |
|             |                               |                                                    |           | appd                                  | D. H. H. H.  | 2009-10-6                                                                                   |           |                   |                          |
| sheet index | revision                      | B                                                  |           |                                       |              |                                                                                             |           | Rev. B            |                          |
|             | sheet                         | 1                                                  |           |                                       |              |                                                                                             |           |                   |                          |

SC-SFW01 JSA91602 91603 91598 91599 91600 91604 91605 1

form: A4

2



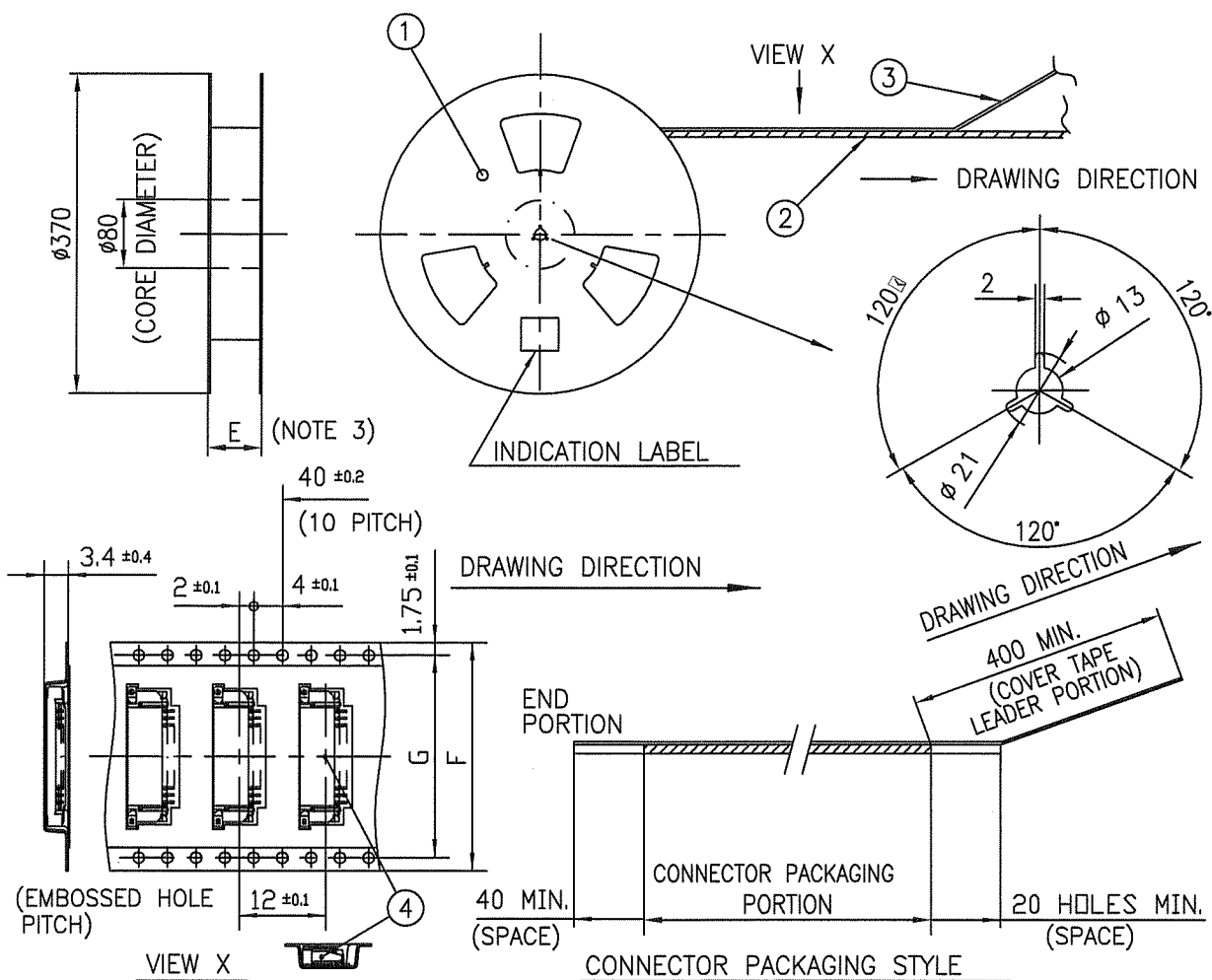
| PT. NO. | PARTS NAME            | CAT. NO.     | MATERIAL          | Q'TY | NOTE               |
|---------|-----------------------|--------------|-------------------|------|--------------------|
| 1       | REEL                  | —            | CARDBOARD         | 1    | COLOR:WHITE        |
| 2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

## NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (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 JP                                                                       |  |
| ltr         |  |  |  | ecn no              |  | dr                               |  | date       |  | title               |  | PLASTIC TAPE PACKAGED<br>1mm SPACING SMT CONNECTOR<br>(Cat. No. SFW__R-1STE1) |  |
| 1           |  |  |  | —                   |  | M.H                              |  | 4/21/'94   |  | mm                  |  |                                                                               |  |
| 2           |  |  |  | —                   |  | M.K                              |  | 6/27/'96   |  | scale               |  |                                                                               |  |
| A           |  |  |  | J06-0398            |  | H.T                              |  | 9/26/'06   |  | X                   |  |                                                                               |  |
| B           |  |  |  | J09-0358            |  | M.Y                              |  | 2009-10-5  |  | FCJ                 |  | sheet 1 of 1                                                                  |  |
|             |  |  |  |                     |  |                                  |  |            |  |                     |  | size A4                                                                       |  |
|             |  |  |  |                     |  |                                  |  |            |  |                     |  | type Product Customer Drawing                                                 |  |
| sheet index |  |  |  | revision            |  | B                                |  |            |  |                     |  | Rev. B                                                                        |  |
| sheet       |  |  |  | 1                   |  |                                  |  |            |  |                     |  |                                                                               |  |

SC-SFW01 JSA91601  
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       | SURFLOK CONNECTOR     | SFW__R-2ST__ | SEE ATTACHED DWG. | 2000  | UPPER CONTACT TYPE |

## NOTES

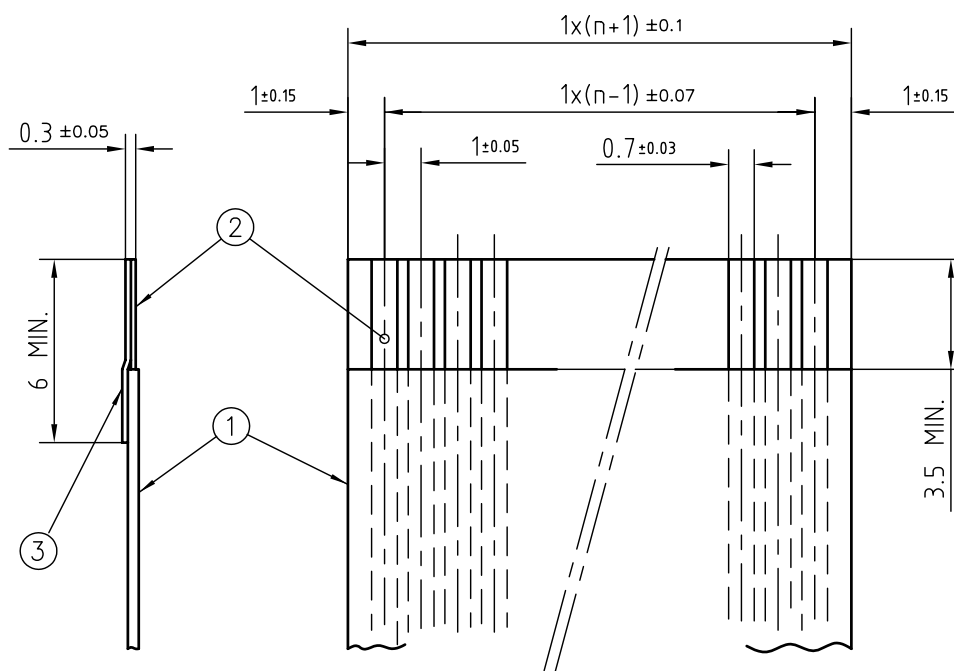
- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND CYPES WITH AUTOMATIC MOUNTING (SMT).
- SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
- E DIMENSION IS PORTION OF THE CORE.

|             |          |                |           |                                                         |                       |                                  |  |                 |  |                                                                                        |  |            |           |
|-------------|----------|----------------|-----------|---------------------------------------------------------|-----------------------|----------------------------------|--|-----------------|--|----------------------------------------------------------------------------------------|--|------------|-----------|
| mat'l. code |          |                |           | surface<br>ISO 1302 <input checked="" type="checkbox"/> |                       | tolerance<br>ISO 406<br>ISO 1101 |  | projection<br>  |  | product family<br>58RF                                                                 |  | CODE<br>JP |           |
| ltr         | ecn no   | dr             | date      | tolerances unless otherwise specified                   |                       |                                  |  |                 |  | title<br>PLASTIC TAPE PACKAGED<br>1mm SPACING SMT CONNECTOR<br>(Cat. No. SFW__R-2STE1) |  |            |           |
| 1           | ---      | M.H            | 4/21/'94  | angles                                                  | linear                |                                  |  | mm              |  |                                                                                        |  |            |           |
| 2           | ---      | M.K            | 6/27/'96  | ±5°                                                     |                       |                                  |  | scale $\propto$ |  | dwg no<br>JSA 91603                                                                    |  |            |           |
| A           | J06-0398 | H.T            | 9/26/'06  |                                                         |                       |                                  |  |                 |  |                                                                                        |  |            |           |
| B           | J09-0358 | M.Y            | 2009-10-5 | dr                                                      | M.YAMAGUCHI 2009-10-5 |                                  |  |                 |  | sheet 1 of 1 size<br>A4                                                                |  |            |           |
|             |          |                |           | enr                                                     | M.YAMAGUCHI 2009-10-5 |                                  |  |                 |  |                                                                                        |  |            |           |
|             |          |                |           | chr                                                     | S. With 2009-10-6     |                                  |  |                 |  |                                                                                        |  |            |           |
|             |          |                |           | appd                                                    | P. Andam 2009-10-6    |                                  |  |                 |  |                                                                                        |  |            |           |
| sheet index |          | revision sheet |           | B                                                       |                       |                                  |  |                 |  |                                                                                        |  |            | Rev.<br>B |

SC-SFW01 JSA91601  
form: A4

## RECOMMENDED CABLE (FFC)

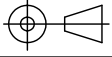
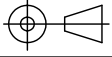
n : NO. OF CONDUCTOR



| 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 | _____                             |

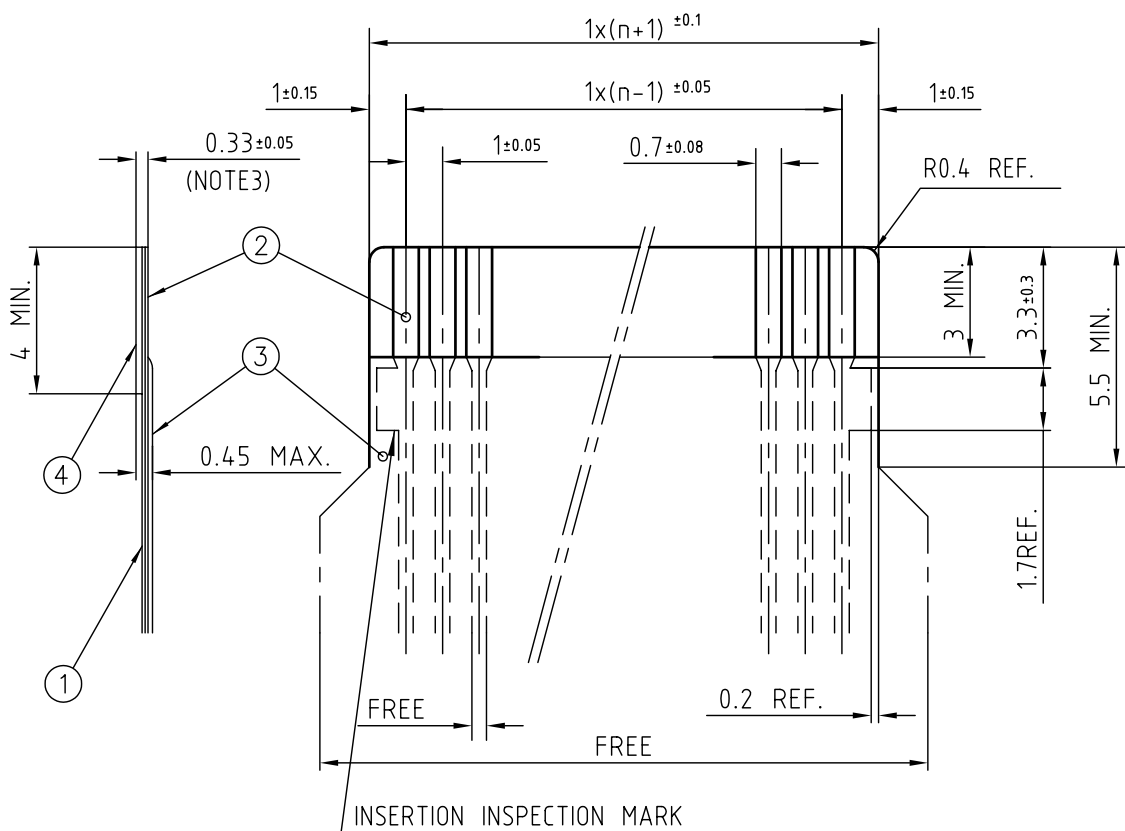
## NOTES

1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.
3. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

|             |                |      |          |                                       |                            |                                                                                                |                                                       |         |
|-------------|----------------|------|----------|---------------------------------------|----------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------|
| 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 |                            |             | title<br>RECOMMENDED CABLE<br>(Cat. No. SFW__R-1/2__) |         |
| AA          | J05-0055       | H.T  | 05-02-04 | angles                                | linear                     |                                                                                                |                                                       |         |
| AB          | J06-0398       | H.T  | 06-09-26 |                                       |                            | mm                                                                                             | dwg no sheet 1 of 1 size<br>JSA 91604 A4              |         |
| AC          | S08-0276       | DGOH | 08-08-22 |                                       |                            | scale       |                                                       |         |
|             |                |      |          | dr                                    | H. TAKAKURA                | 06-09-26                                                                                       | type Product Customer Drawing                         |         |
|             |                |      |          | enr                                   | H. TAKAKURA                | 06-09-26                                                                                       |                                                       |         |
|             |                |      |          | chr                                   | DENNIS GOH                 | 08-08-22                                                                                       |                                                       |         |
|             |                |      |          | appd                                  | JOEY NG                    | 08-08-22                                                                                       |                                                       |         |
| sheet index | revision sheet | AC   | 1        |                                       |                            |                                                                                                |                                                       | Rev. AC |

## RECOMMENDED CABLE (FPC)

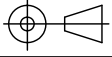
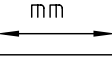
n : NO. OF CONDUCTOR



| PT. NO. | PARTS NAME      | MATERIAL                             | THICKNESS (μm) |
|---------|-----------------|--------------------------------------|----------------|
| 1       | BASE FILM       | POLYIMIDE OR POLYESTER OR EQUAL      | 25             |
| 2       | CONDUCTOR       | COPPER FOIL(PLATING:SOLDER 1μm 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.
4. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

|             |                |      |          |                                       |                            |                                                                                                |                                                       |         |
|-------------|----------------|------|----------|---------------------------------------|----------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------|
| 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 |                            |             | title<br>RECOMMENDED CABLE<br>(Cat. No. SFW__R-1/2__) |         |
| AA          | J05-0055       | H.T  | 05-02-04 | angles                                | linear                     |                                                                                                |                                                       |         |
| AB          | J06-0398       | H.T  | 06-09-26 |                                       |                            | mm                                                                                             | dwg no sheet 1 of 1 size<br>JSA 91605 A4              |         |
| AC          | S08-0276       | DGOH | 08-08-22 |                                       |                            | scale       |                                                       |         |
|             |                |      |          | dr                                    | H. TAKAKURA                | 06-09-26                                                                                       | type Product Customer Drawing                         |         |
|             |                |      |          | enr                                   | H. TAKAKURA                | 06-09-26                                                                                       |                                                       |         |
|             |                |      |          | chr                                   | DENNIS GOH                 | 08-08-22                                                                                       |                                                       |         |
|             |                |      |          | appd                                  | JOEY NG                    | 08-08-22                                                                                       |                                                       |         |
| sheet index | revision sheet | AC   | 1        |                                       |                            |                                                                                                |                                                       | Rev. AC |