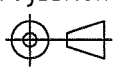
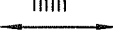
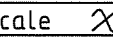


List of "SFW\_\_R-3/4STE1LF" customer document

| DOCUMENT NO.                                                                                 | LIST                                                                                |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| SC-STW11                                                                                     | SPEC.                                                                               |
| JSA95860                                                                                     | CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR (SFW__R-3/4ST__LF)                       |
| JSA95861                                                                                     | 1mm SPACING SMT CONNECTOR (SFW__R-3ST__LF)                                          |
| JSA95862                                                                                     | 1mm SPACING SMT CONNECTOR (SFW__R-4ST__LF)                                          |
| JSA95863                                                                                     | CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-3/4STE1LF) |
| JSA95864                                                                                     | PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-3STE1LF)                    |
| JSA95865                                                                                     | PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-4STE1LF)                    |
| JSA93212                                                                                     | RECOMMENDED CABLE (FPC) (SFW__R-3/4ST__)                                            |
| JSA93213  | RECOMMENDED CABLE (FFC) (SFW__R-3/4ST__)                                            |
| GS-20-130                                                                                    | HANDLING PROCEDURES                                                                 |

NOTE

1. 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 / tolerance ISO 1302 <input checked="" type="checkbox"/> ISO 406 ISO 1101 |                        | projection  |  | product family 58RF                                                               |  | CODE JP |        |
| ltr           | ecn no         | dr   | date       | tolerances unless otherwise specified                                                |                        | mm          |  | title<br>1mm SPACING FPC CONNECTOR DOCUMENT LIST<br>(Cat. No. : SFW__R-3/4STE1LF) |  |         |        |
| A             | J05-0055       | H.T  | 05-02-04   | angles                                                                               | linear                 |                                                                                                |  |                                                                                   |  |         |        |
| B             | J06-0398       | H.T  | 06-09-26   |                                                                                      |                        | scale       |  | dwg no sheet 1 of 1 size<br>JSA 96338 A4                                          |  |         |        |
| C             | S09-0180       | DGOH | 09-05-28   |                                                                                      |                        |                                                                                                |  |                                                                                   |  |         |        |
| D             | J09-0363       | M.Y  | 2009-10-8  | dr                                                                                   | M.YAHAGITA 2009-10-27  |             |  | type Product Customer Drawing                                                     |  |         |        |
| E             | J09-0380       | M.Y  | 2009-10-27 | engr                                                                                 | M.YAHAGITA 2009-10-27  |                                                                                                |  |                                                                                   |  |         |        |
|               |                |      |            | chr                                                                                  | S. Williams 2009-10-27 |                                                                                                |  |                                                                                   |  |         |        |
|               |                |      |            | appd                                                                                 | S. Williams 2009-10-27 |                                                                                                |  |                                                                                   |  |         |        |
| sheet index   | revision sheet | E    | 1          |                                                                                      |                        |                                                                                                |  |                                                                                   |  |         | Rev. E |

## 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-3/4ST__LF  | 9.8                | 8.6     | 3.0     | 3.92    |
| 5                   | SFW5R-3/4ST__LF  | 10.8               | 9.6     | 4.0     | 4.92    |
| 6                   | SFW6R-3/4ST__LF  | 11.8               | 10.6    | 5.0     | 5.92    |
| 7                   | SFW7R-3/4ST__LF  | 12.8               | 11.6    | 6.0     | 6.92    |
| 8                   | SFW8R-3/4ST__LF  | 13.8               | 12.6    | 7.0     | 7.92    |
| 9                   | SFW9R-3/4ST__LF  | 14.8               | 13.6    | 8.0     | 8.92    |
| 10                  | SFW10R-3/4ST__LF | 15.8               | 14.6    | 9.0     | 9.92    |
| 11                  | SFW11R-3/4ST__LF | 16.8               | 15.6    | 10.0    | 10.92   |
| 12                  | SFW12R-3/4ST__LF | 17.8               | 16.6    | 11.0    | 11.92   |
| 13                  | SFW13R-3/4ST__LF | 18.8               | 17.6    | 12.0    | 12.92   |
| 14                  | SFW14R-3/4ST__LF | 19.8               | 18.6    | 13.0    | 13.92   |
| 15                  | SFW15R-3/4ST__LF | 20.8               | 19.6    | 14.0    | 14.92   |
| 16                  | SFW16R-3/4ST__LF | 21.8               | 20.6    | 15.0    | 15.92   |
| 17                  | SFW17R-3/4ST__LF | 22.8               | 21.6    | 16.0    | 16.92   |
| 18                  | SFW18R-3/4ST__LF | 23.8               | 22.6    | 17.0    | 17.92   |
| 19                  | SFW19R-3/4ST__LF | 24.8               | 23.6    | 18.0    | 18.92   |
| 20                  | SFW20R-3/4ST__LF | 25.8               | 24.6    | 19.0    | 19.92   |
| 21                  | SFW21R-3/4ST__LF | 26.8               | 25.6    | 20.0    | 20.92   |
| 22                  | SFW22R-3/4ST__LF | 27.8               | 26.6    | 21.0    | 21.92   |
| 23                  | SFW23R-3/4ST__LF | 28.8               | 27.6    | 22.0    | 22.92   |
| 24                  | SFW24R-3/4ST__LF | 29.8               | 28.6    | 23.0    | 23.92   |
| 25                  | SFW25R-3/4ST__LF | 30.8               | 29.6    | 24.0    | 24.92   |
| 26                  | SFW26R-3/4ST__LF | 31.8               | 30.6    | 25.0    | 25.92   |
| 27                  | SFW27R-3/4ST__LF | 32.8               | 31.6    | 26.0    | 26.92   |
| 28                  | SFW28R-3/4ST__LF | 33.8               | 32.6    | 27.0    | 27.92   |
| 29                  | SFW29R-3/4ST__LF | 34.8               | 33.6    | 28.0    | 28.92   |
| 30                  | SFW30R-3/4ST__LF | 35.8               | 34.6    | 29.0    | 29.92   |

CAT. NO. SFW (n) R - 3 ST \_\_ 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)

PACKAGE STYLE

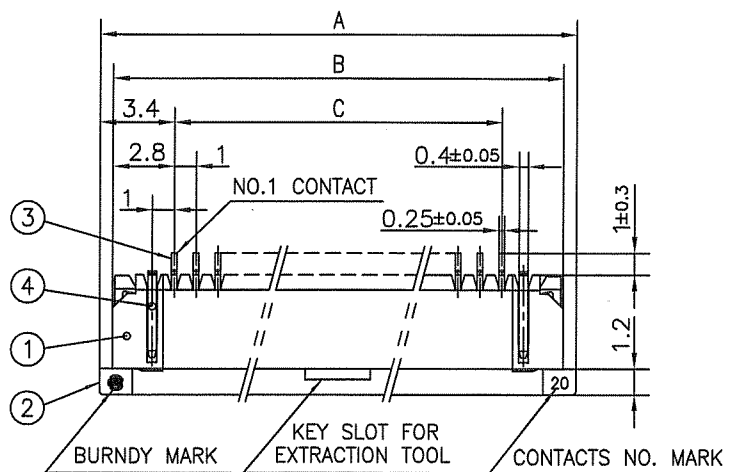
LEAD FREE

## NOTES

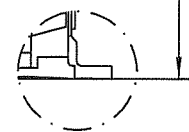
- THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPS WITH AUTOMATIC MOUNTING (SMT).
- SEE PART DRAWINGS FOR DIMENSIONS A~D.
- THIS PRODUCT IS THE CONNECTOR WITH CABLE LOCK MECHANISM.

|             |          |                |           |                                       |  |                              |  |            |  |                                                                         |  |                          |         |
|-------------|----------|----------------|-----------|---------------------------------------|--|------------------------------|--|------------|--|-------------------------------------------------------------------------|--|--------------------------|---------|
| 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 |  |                              |  | mm         |  | title                                                                   |  |                          |         |
| AA          | J05-0055 | H.T            | 2/4/'05   |                                       |  |                              |  |            |  | CAT NO. TABLE FOR 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3/4ST__LF) |  |                          |         |
| AB          | J06-0398 | H.T            | 9/26/'06  | angles linear                         |  |                              |  |            |  |                                                                         |  |                          |         |
| AC          | J09-0363 | M.Y            | 2009-10-8 |                                       |  |                              |  | scale X    |  |                                                                         |  |                          |         |
|             |          |                |           | dr                                    |  | MYAMASHITA                   |  | 2009-10-8  |  | dwg no                                                                  |  | sheet 1 of 1             |         |
|             |          |                |           | enr                                   |  | MYAMASHITA                   |  | 2009-10-8  |  | JSA 95860                                                               |  | size A4                  |         |
|             |          |                |           | chr                                   |  | S. W. T. H. C.               |  | 2009-10-8  |  | type                                                                    |  | Product Customer Drawing |         |
|             |          |                |           | appd                                  |  | J. M. H. L. A. N. D.         |  | 2009-10-8  |  |                                                                         |  |                          |         |
| sheet index |          | revision sheet |           | AC                                    |  |                              |  |            |  |                                                                         |  |                          | Rev. AC |

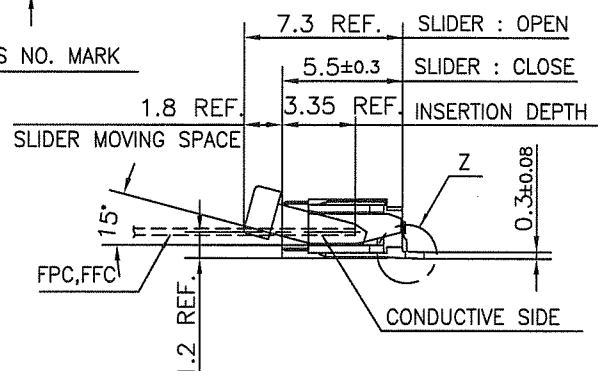
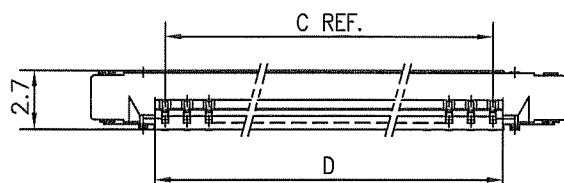
SC\_SFW11 JSA95861 95862 95863 95864 95865 93212 93213  
Form: A4



0.1  
(NOTE2)



DETAIL Z

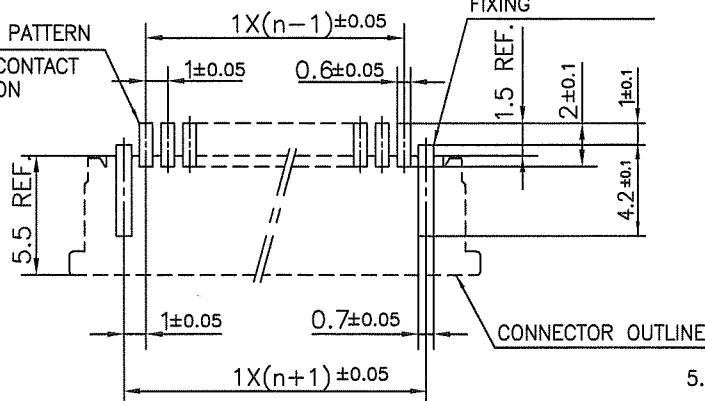


| PT. NO. | PARTS NAME     | MATERIAL                                | Q'TY | NOTE          |
|---------|----------------|-----------------------------------------|------|---------------|
| 1       | HOUSING        | PPS RESIN GLASS<br>REINFORCED (UL94V-0) | 1    | COLOR : BLACK |
| 2       | SLIDER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

n : NO. OF CONTACTS

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

BASIC PATTERN  
NO.1 CONTACT  
POSITION



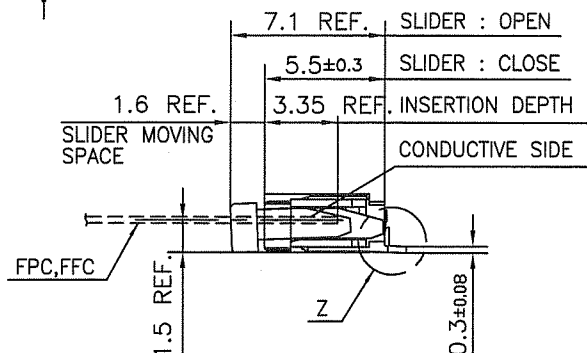
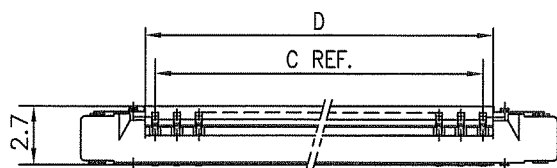
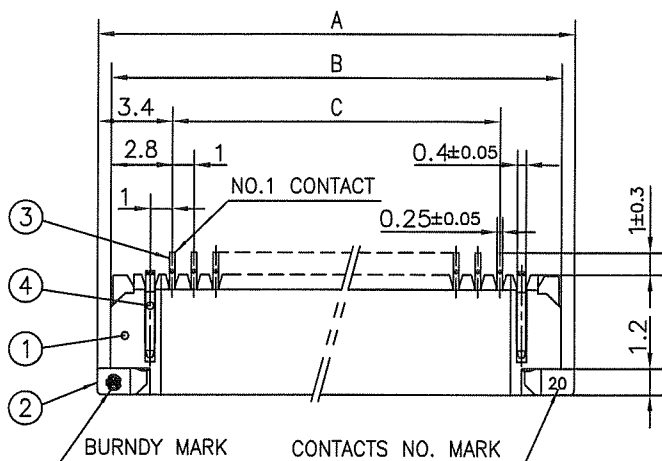
#### NOTES

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 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<br>ISO 1302 ✓              |             |  | 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 |             |  | angles<br>linear                 |  | ±0.2                                                                                |                                                                                                   | mm<br> |                        | title<br>1mm SPACING SMT CONNECTOR<br>(Cat. No. SFW__R-3ST__LF) |  |  |            |     |  |
| AA          | J04-0180 | H.T | 7/2/'04   |                                       |             |  |                                  |  |                                                                                     |                                                                                                   | scale ∞                                                                                   |                        |                                                                 |  |  |            |     |  |
| AB          | J05-0055 | H.T | 2/4/'05   |                                       |             |  |                                  |  |                                                                                     |                                                                                                   |                                                                                           |                        | dwg no<br>sheet 1 of 1<br>JSA 95861<br>size<br>A4               |  |  |            |     |  |
| AC          | J05-0736 | H.T | 10/28/'05 |                                       |             |  |                                  |  |                                                                                     |                                                                                                   |                                                                                           |                        |                                                                 |  |  |            |     |  |
| AD          | J06-0398 | H.T | 9/26/'06  | dr                                    | M.YAMASHITA |  | 2009-10-8                        |  |  |                                                                                                   | type Product Customer Drawing                                                             |                        |                                                                 |  |  |            |     |  |
| AE          | J09-0363 | M.Y | 2009-10-8 | enrg                                  | M.YAMASHITA |  | 2009-10-8                        |  |                                                                                     |                                                                                                   |                                                                                           |                        |                                                                 |  |  |            |     |  |
|             |          |     |           | chr                                   | S. Watanabe |  | 2009-10-8                        |  |                                                                                     |                                                                                                   |                                                                                           |                        |                                                                 |  |  |            |     |  |
|             |          |     |           | appd                                  | S. Chokkan  |  | 2009-10-8                        |  |                                                                                     |                                                                                                   |                                                                                           |                        |                                                                 |  |  |            |     |  |
| sheet index | revision | AE  |           |                                       |             |  |                                  |  |                                                                                     |                                                                                                   |                                                                                           |                        |                                                                 |  |  |            | Rev |  |
|             | sheet    | 1   |           |                                       |             |  |                                  |  |                                                                                     |                                                                                                   |                                                                                           |                        |                                                                 |  |  |            | AE  |  |

SC\_SFW11 JSA95860  
form: A4



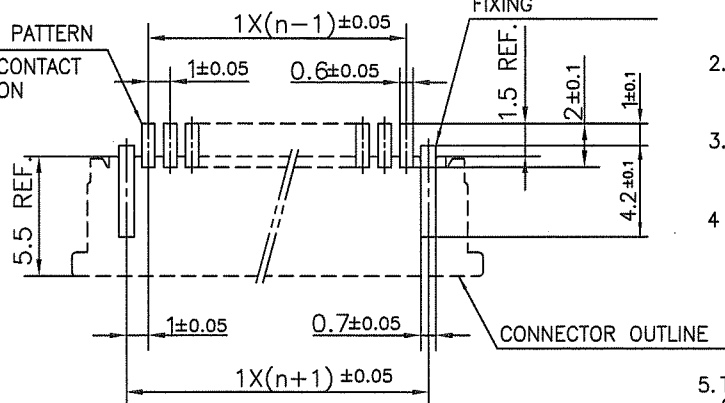
| PT. NO. | PARTS NAME     | MATERIAL                                | Q'TY | NOTE          |
|---------|----------------|-----------------------------------------|------|---------------|
| 1       | HOUSING        | PPS RESIN GLASS<br>REINFORCED (UL94V-0) | 1    | COLOR : BLACK |
| 2       | SLIDER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

n : NO. OF CONTACTS

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

##### BASIC PATTERN

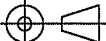
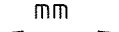
NO.1 CONTACT  
POSITION



#### 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 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 ✓<br>ISO 1302              |              |      | 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>1mm SPACING SMT CONNECTOR<br>(Cat. No. SFW__R-4ST__LF) |  |  |  |            |            |
| AA          | J04-0180       | H.T | 7/2/'04   | angles                                | linear       | ±0.2 |                                  |         |                                                                                     |                                                                                                   |  |                                                                 |  |  |  |            |            |
| AB          | J05-0055       | H.T | 2/4/'05   |                                       |              |      |                                  |         |                                                                                     |                                                                                                   |  |                                                                 |  |  |  |            |            |
| AC          | J05-0736       | H.T | 10/28/'05 |                                       |              |      |                                  | scale X |                                                                                     | dwg no<br>sheet 1 of 1<br>size<br>JSA 95862<br>A4                                                 |  |                                                                 |  |  |  |            |            |
| AD          | J06-0398       | H.T | 9/26/'06  | dr                                    | H. YAMASHITA |      | 2009-10-8                        |         |  |                                                                                                   |  |                                                                 |  |  |  |            |            |
| AE          | J09-0363       | M.Y | 2009-10-8 | enrg                                  | H. YAMASHITA |      | 2009-10-8                        |         |                                                                                     |                                                                                                   |  |                                                                 |  |  |  |            |            |
|             |                |     |           | chr                                   | S. Nishida   |      | 2009-10-8                        |         |                                                                                     |                                                                                                   |  |                                                                 |  |  |  |            |            |
|             |                |     |           | appd                                  | S. Chudam    |      | 2009-10-8                        |         |                                                                                     |                                                                                                   |  |                                                                 |  |  |  |            |            |
| sheet index | revision sheet | AE  | 1         |                                       |              |      |                                  |         |                                                                                     |                                                                                                   |  |                                                                 |  |  |  |            | Rev.<br>AE |

SC\_SF11 JSA95860  
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-3/4STE1 LF  | 20.4               | 16      | —       |
| 5                   | SFW5R-3/4STE1 LF  | 28.4               | 24      | —       |
| 6                   | SFW6R-3/4STE1 LF  | 28.4               | 24      | —       |
| 7                   | SFW7R-3/4STE1 LF  | 28.4               | 24      | —       |
| 8                   | SFW8R-3/4STE1 LF  | 28.4               | 24      | —       |
| 9                   | SFW9R-3/4STE1 LF  | 28.4               | 24      | —       |
| 10                  | SFW10R-3/4STE1 LF | 28.4               | 24      | —       |
| 11                  | SFW11R-3/4STE1 LF | 28.4               | 24      | —       |
| 12                  | SFW12R-3/4STE1 LF | 28.4               | 24      | —       |
| 13                  | SFW13R-3/4STE1 LF | 36.4               | 32      | 28.4    |
| 14                  | SFW14R-3/4STE1 LF | 36.4               | 32      | 28.4    |
| 15                  | SFW15R-3/4STE1 LF | 36.4               | 32      | 28.4    |
| 16                  | SFW16R-3/4STE1 LF | 36.4               | 32      | 28.4    |
| 17                  | SFW17R-3/4STE1 LF | 48.4               | 44      | 40.4    |
| 18                  | SFW18R-3/4STE1 LF | 48.4               | 44      | 40.4    |
| 19                  | SFW19R-3/4STE1 LF | 48.4               | 44      | 40.4    |
| 20                  | SFW20R-3/4STE1 LF | 48.4               | 44      | 40.4    |
| 21                  | SFW21R-3/4STE1 LF | 48.4               | 44      | 40.4    |
| 22                  | SFW22R-3/4STE1 LF | 48.4               | 44      | 40.4    |
| 23                  | SFW23R-3/4STE1 LF | 48.4               | 44      | 40.4    |
| 24                  | SFW24R-3/4STE1 LF | 48.4               | 44      | 40.4    |
| 25                  | SFW25R-3/4STE1 LF | 48.4               | 44      | 40.4    |
| 26                  | SFW26R-3/4STE1 LF | 48.4               | 44      | 40.4    |
| 27                  | SFW27R-3/4STE1 LF | 48.4               | 44      | 40.4    |
| 28                  | SFW28R-3/4STE1 LF | 60.4               | 56      | 52.4    |
| 29                  | SFW29R-3/4STE1 LF | 60.4               | 56      | 52.4    |
| 30                  | SFW30R-3/4STE1 LF | 60.4               | 56      | 52.4    |

CAT. NO.

SFW (n) R - 3 ST 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)

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.
4. THIS PRODUCT IS THE CONNECTOR WITH CABLE LOCK MECHANISM.

|                           |  |                  |  |                                         |  |            |  |                                    |  |         |  |
|---------------------------|--|------------------|--|-----------------------------------------|--|------------|--|------------------------------------|--|---------|--|
| mat'l. code               |  |                  |  | surface 58 / tolerance ISO 406 ISO 1101 |  | projection |  | product family 58RF                |  | CODE JP |  |
| litr ecn no dr date       |  |                  |  | tolerances unless otherwise specified   |  | mm         |  | title                              |  |         |  |
| AA J05-0055 H.T 2/4/05    |  |                  |  | angles linear                           |  | mm         |  | CAT NO. TABLE FOR PLASTIC TAPE     |  |         |  |
| AB J06-0398 H.T 9/26/06   |  |                  |  |                                         |  |            |  | PACKAGED 1mm SPACING SMT CONNECTOR |  |         |  |
| AC J09-0363 M.Y 2009-10-8 |  |                  |  |                                         |  | scale X    |  | (Cat. No. SFW__R-3/4STE1 LF)       |  |         |  |
|                           |  |                  |  | dr M.YAHASHITA 2009-10-8                |  | FCJ        |  | dwg no sheet 1 of 1 size           |  |         |  |
|                           |  |                  |  | enr M.YAHASHITA 2009-10-8               |  |            |  | JSA 95863                          |  | A4      |  |
|                           |  |                  |  | chr S. Kishida 2009-10-8                |  |            |  | type Product Customer Drawing      |  |         |  |
|                           |  |                  |  | appd J. Chudam 2009-10-8                |  |            |  |                                    |  |         |  |
| sheet index               |  | revision sheet 1 |  | AC                                      |  |            |  |                                    |  | Rev. AC |  |

SC\_SFW11 JSA95860 95864 95865  
form: A4

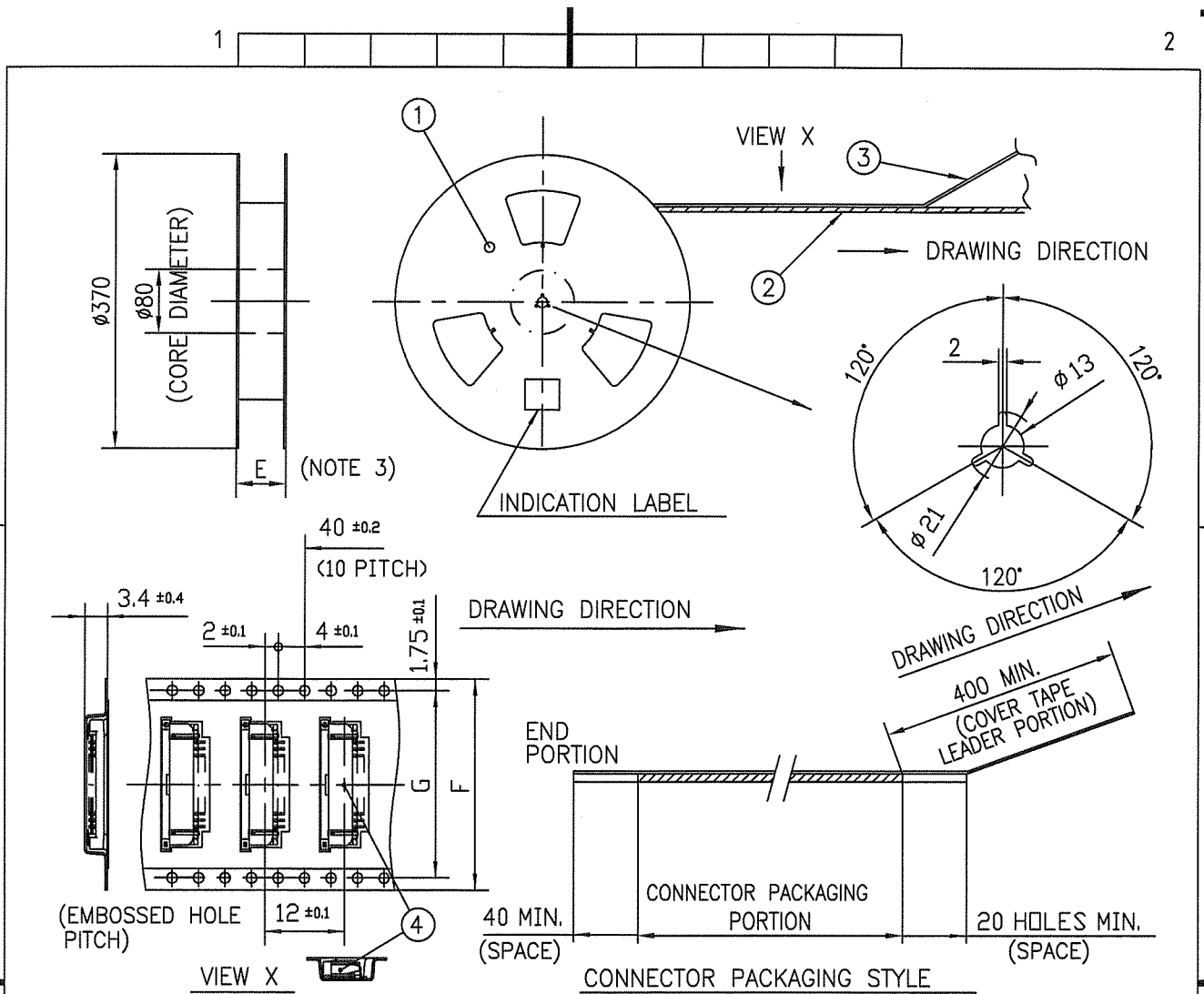
1

2



FCIconnect.com

Copyright FCI.



| 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-3ST_LF | SEE ATTACHED DWG. | 2000  | LOWER CONTACT TYPE |

## NOTES

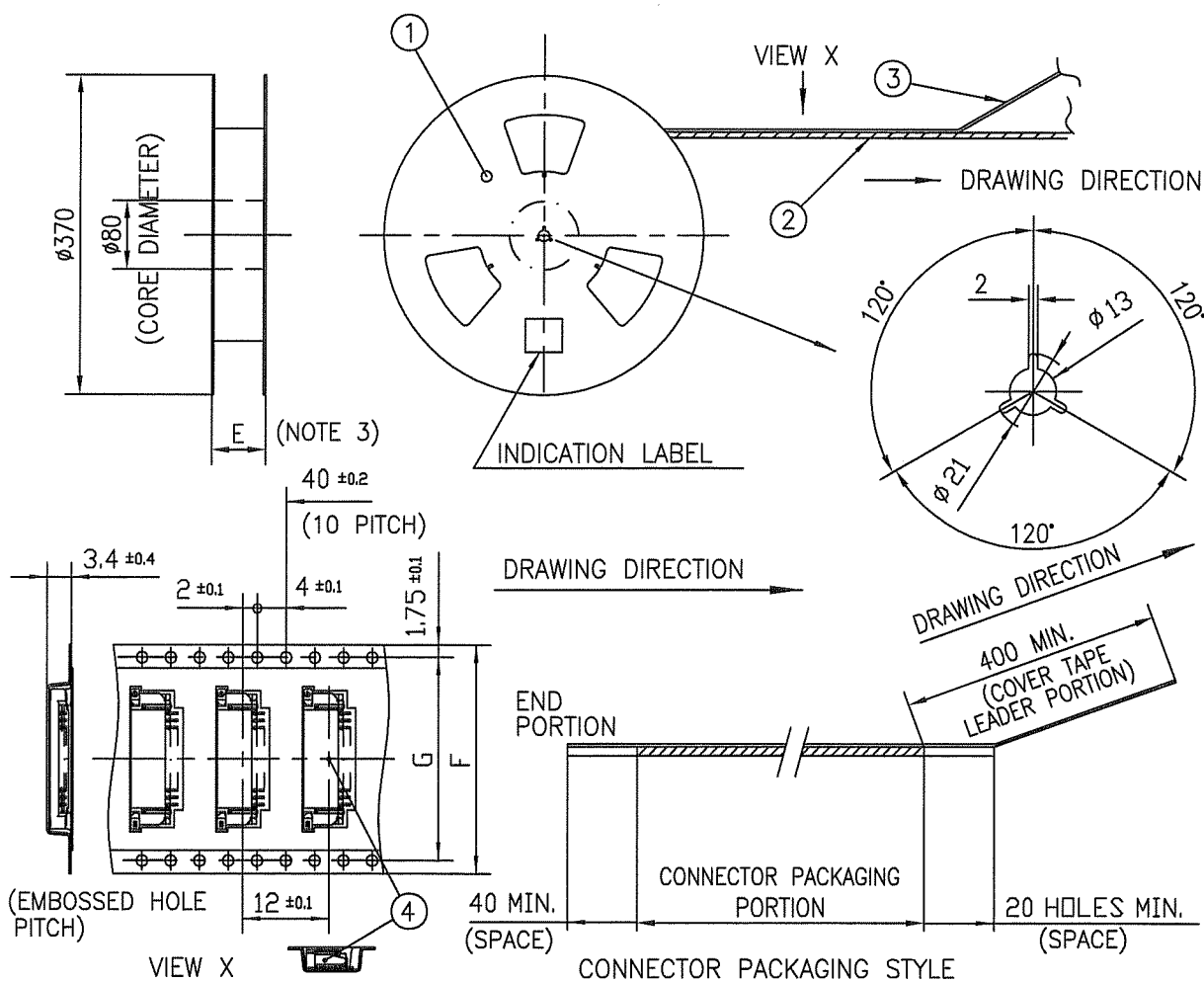
- THIS IS PLASTIC TAPE PACKAGED CONNECTOR WITH CABLE LOCK MECHANISM USED FOR FPC/FFC AND COPEs WITH AUTOMATIC MOUNTING (SMT).
- SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
- E DIMENSION IS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

|             |          |     |           |                                       |                                  |            |                                                                                           |      |            |
|-------------|----------|-----|-----------|---------------------------------------|----------------------------------|------------|-------------------------------------------------------------------------------------------|------|------------|
| mat'l. code |          |     |           | surface<br>ISO 1302                   | tolerance<br>ISO 406<br>ISO 1101 | projection | product family                                                                            | 58RF | CODE<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-3STE1 LF) |      |            |
| AA          | J05-0055 | H.T | 2/4/'05   | angles                                | linear                           |            |                                                                                           |      |            |
| AB          | J06-0398 | H.T | 9/26/'06  | ±5                                    |                                  | mm         | dwg no                                                                                    |      |            |
| AC          | J09-0363 | M.Y | 2009-10-8 | ±5'                                   |                                  | scale      |                                                                                           |      |            |
|             |          |     |           | dr                                    | H.YAMAGUCHI                      | 2009-10-8  | sheet 1 of 1                                                                              |      |            |
|             |          |     |           | enr                                   | H.YAMAGUCHI                      | 2009-10-8  |                                                                                           |      |            |
|             |          |     |           | chr                                   | S. Kishida                       | 2009-10-8  | JSA 95864                                                                                 |      |            |
|             |          |     |           | appd                                  | S. Chelani                       | 2009-10-8  |                                                                                           |      |            |
| sheet       | revision | AC  |           |                                       |                                  |            | type Product Customer Drawing                                                             |      |            |
| index       | sheet    | 1   |           |                                       |                                  |            |                                                                                           |      |            |

SC\_SFW11 JSA95863  
form: A4

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-4ST_LF | SEE ATTACHED DWG. | 2000 | UPPER CONTACT TYPE |

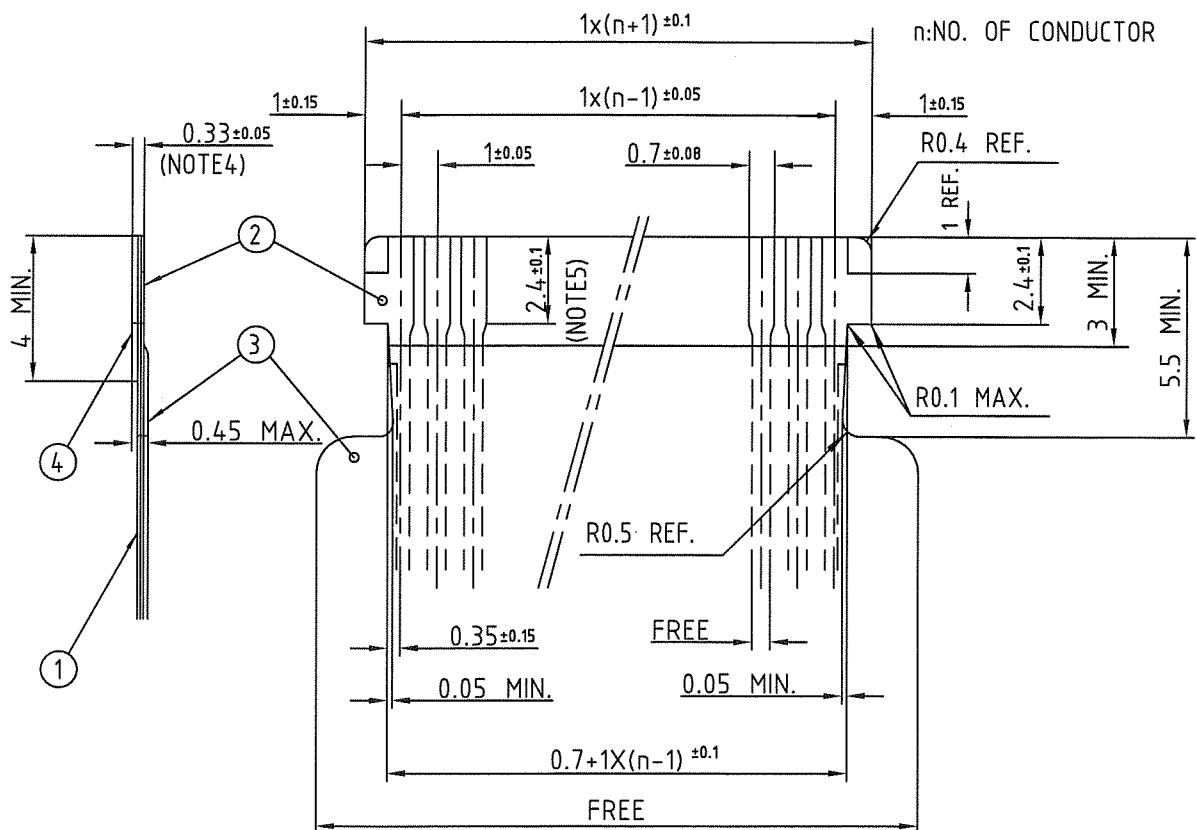
## NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR WITH CABLE LOCK MECHANISM 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<br>mm | product family<br>58RF                                                                   | CODE<br>JP |
| ltr         | ecn no   | dr  | date      | tolerances unless otherwise specified |                                  | mm               | title<br>PLASTIC TAPE PACKAGED<br>1mm SPACING SMT CONNECTOR<br>(Cat. No. SFW_R-4STE1 LF) |            |
| AA          | J05-0055 | H.T | 2/4/05    | angles                                | linear                           |                  |                                                                                          |            |
| AB          | J06-0398 | H.T | 9/26/06   | ±5°                                   |                                  | scale            | dwg no<br>sheet 1 of 1 size<br>JSA 95865<br>A4                                           |            |
| AC          | J09-0363 | M.Y | 2009-10-8 |                                       |                                  |                  |                                                                                          |            |
|             |          |     |           | dr                                    | M.YAMASHITA                      | 2009-10-8        | type Product Customer Drawing                                                            |            |
|             |          |     |           | enr                                   | M.YAMASHITA                      | 2009-10-8        |                                                                                          |            |
|             |          |     |           | chr                                   | S. Kishida                       | 2009-10-8        | Rev.<br>AC                                                                               |            |
|             |          |     |           | appd                                  | S. Andama                        | 2009-10-8        |                                                                                          |            |
| sheet index | revision | AC  | 1         |                                       |                                  |                  |                                                                                          |            |

SC\_SFW11 JSA95863  
form: A4

# RECOMMENDED CABLE (FPC)

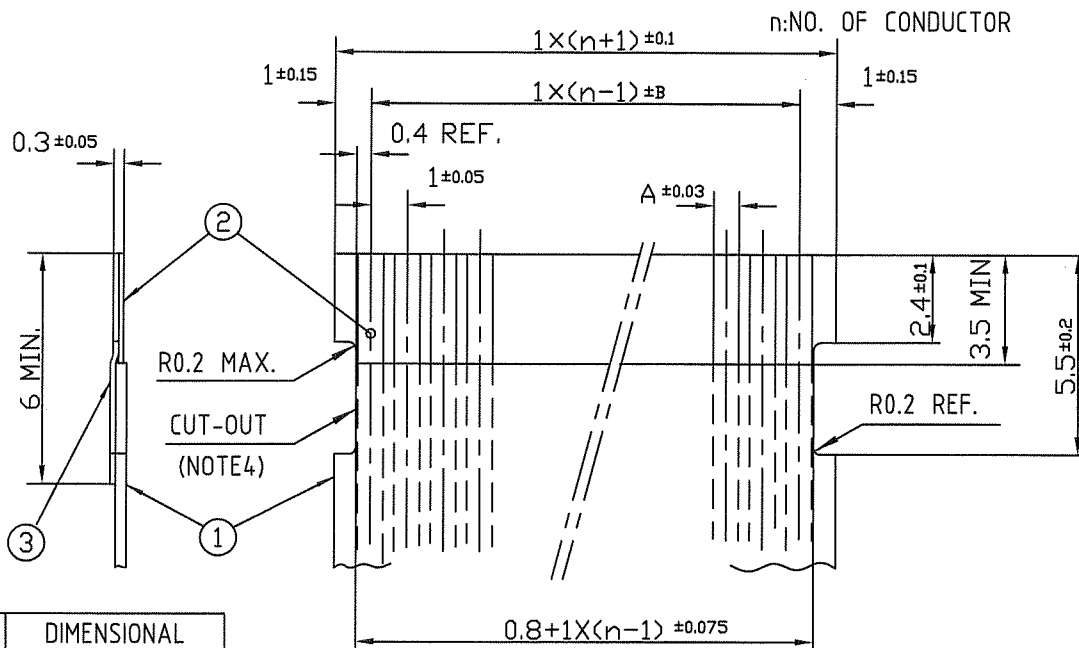


| PT. NO. | PARTS NAME      | MATERIAL                               | THICKNESS (um) |
|---------|-----------------|----------------------------------------|----------------|
| 1       | BASE FILM       | POLYIMIDE OR POLYESTER OR EQUAL        | 25             |
| 2       | CONDUCTOR       | COPPER FOIL(PLATING : SOLDER 1um MIN.) | 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  $0.7 \pm 0.08$  CONDUCTOR WIDTH.

|             |          |     |           |                                                                                     |                |                 |  |                       |                               |         |              |
|-------------|----------|-----|-----------|-------------------------------------------------------------------------------------|----------------|-----------------|--|-----------------------|-------------------------------|---------|--------------|
| mat'l. code |          |     |           | surface 58/ tolerance ISO 1302 <input checked="" type="checkbox"/> ISO 406 ISO 1101 |                | projection      |  | product family 58RF   |                               | CODE JP |              |
| ltr         | ecn no   | dr  | date      | tolerances unless otherwise specified                                               |                |                 |  | title                 |                               |         |              |
| 1           | —        | —   | 9/10/'98  |                                                                                     |                | mm              |  | RECOMMENDED CABLE     |                               |         |              |
| AA          | J05-0055 | H.T | 2/4/'05   | angles                                                                              | linear         |                 |  | (Cat. No. SFW_R-3/4_) |                               |         |              |
| AB          | J06-0398 | H.T | 9/26/'06  |                                                                                     |                | scale $\propto$ |  |                       |                               |         |              |
| AC          | J09-0363 | M.Y | 2009-10-8 | dr                                                                                  | HYAMASHITA     | 2009-10-8       |  |                       | dwg no                        |         | sheet 1 of 1 |
|             |          |     |           | enr                                                                                 | HYAMASHITA     | 2009-10-8       |  |                       | JSA 93212                     |         | size         |
|             |          |     |           | chr                                                                                 | S. W. H. L.    | 2009-10-8       |  |                       |                               |         | A4           |
|             |          |     |           | appd                                                                                | S. A. L. L. M. | 2009-10-8       |  |                       | type Product Customer Drawing |         |              |
| sheet index | revision | AC  |           |                                                                                     |                |                 |  |                       |                               |         | Rev. AC      |
|             | sheet    | 1   |           |                                                                                     |                |                 |  |                       |                               |         |              |

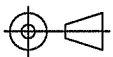
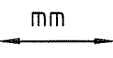
# RECOMMENDED CABLE (FFC)



| KIND OF FFC (NOTES5) | DIMENSIONAL TOLERANCE |      |
|----------------------|-----------------------|------|
|                      | A                     | B    |
| 1                    | 0.7                   | 0.1  |
| 2                    | 0.6                   | 0.07 |

| 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
- THIS DRAWING INDICATES THE FFC USED THE CONNECTOR WITH CABLE LOCK MECHANISM.
  - NO BURR AT EACH PORTION.
  - NO PEELING IN COMMON USE.
  - THERE IS A POSSIBILITY THAT THE CAT-OUT CROSSES THE CONDUCTOR BECAUSE OF DIMENSIONAL TOLERANCE.
  - EITHER KIND1 OR KIND2 OF FFC CAN ACCEPT DIMENSIONAL TOLERANCE a AND b.

|                           |  |                |  |                                                                                                                          |  |                                                                                                |  |                       |  |              |  |
|---------------------------|--|----------------|--|--------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------|--|-----------------------|--|--------------|--|
| 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                 |  |              |  |
| AA J05-0055 H.T 2/4/'05   |  |                |  | angles linear                                                                                                            |  | mm                                                                                             |  | RECOMMENDED CABLE     |  |              |  |
| AB J06-0398 H.T 9/26/'06  |  |                |  |                                                                                                                          |  |                                                                                                |  | (Cat. No. SFW_R-3/4_) |  |              |  |
| AC J09-0363 M.Y 2009-10-8 |  |                |  |                                                                                                                          |  | scale X                                                                                        |  |                       |  |              |  |
|                           |  |                |  | dr H. YAMASHITA 2009-10-8                                                                                                |  |             |  | dwg no                |  | sheet 1 of 1 |  |
|                           |  |                |  | enr H. YAMASHITA 2009-10-8                                                                                               |  |                                                                                                |  | JSA 93213             |  | size A4      |  |
|                           |  |                |  | chr S. K. K. 2009-10-8                                                                                                   |  |                                                                                                |  |                       |  |              |  |
|                           |  |                |  | appd S. Anderson 2009-10-8                                                                                               |  |                                                                                                |  |                       |  |              |  |
| sheet index               |  | revision sheet |  | AC 1                                                                                                                     |  |                                                                                                |  |                       |  | Rev. AC      |  |

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9