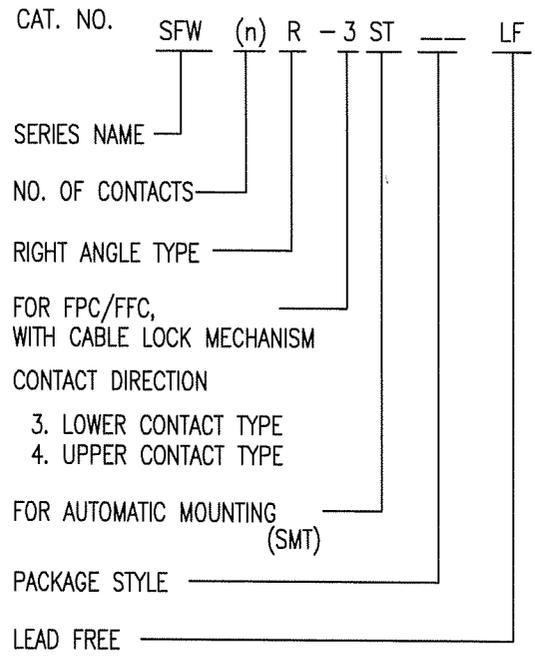




CAT. NO. & DIMENSIONS

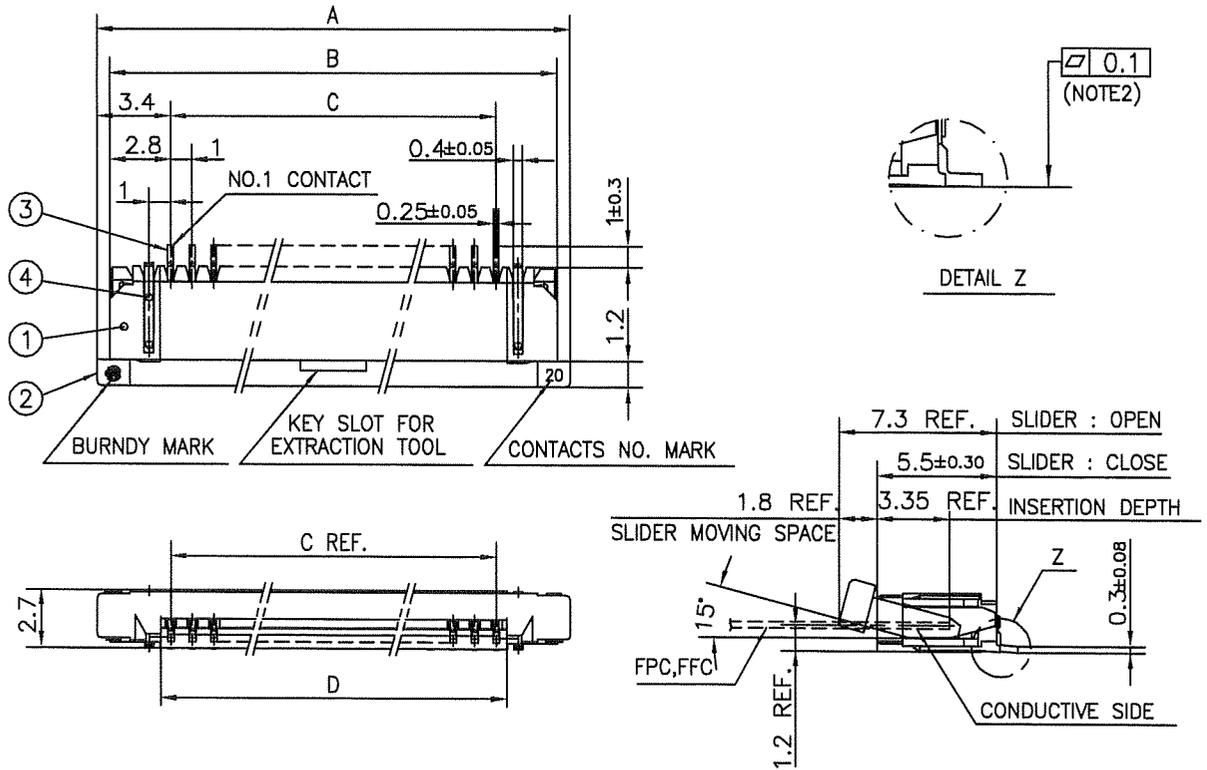
| NO. OF CONTACTS (n) | CAT. NO.         | DIMENSIONS (NOTE2) |         |         |         |
|---------------------|------------------|--------------------|---------|---------|---------|
|                     |                  | A ± 0.2            | B ± 0.2 | C ± 0.2 | D ± 0.1 |
| 4                   | 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   |



NOTES

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

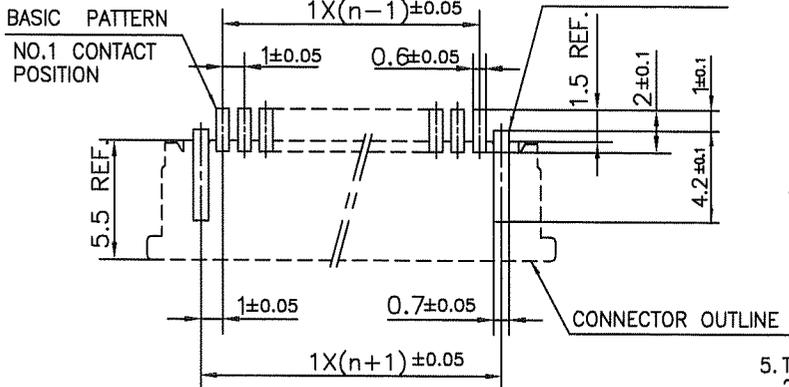
|             |  |                       |  |                              |  |            |  |                     |  |   |  |
|-------------|--|-----------------------|--|------------------------------|--|------------|--|---------------------|--|---|--|
| mat'l. code |  | surface 58 / ISO 1302 |  | tolerance ISO 406 / ISO 1101 |  | projection |  | product family 58RF |  | CODE JP   |  |
| ltr         |  | ecn no                |  | dr                           |  | date       |  | title               |  | CAT NO. TABLE FOR 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3/4ST__LF) |  |
| A           |  |                       |  |                              |  |            |  | mm                  |  | scale X   |  |
|             |  |                       |  | angles linear                |  |            |  | dwg no              |  | sheet 2 of 8 size A4  |  |
|             |  |                       |  | dr                           |  | 2011-2-17  |  | 10117478            |  |   |  |
|             |  |                       |  | engr                         |  | 2011-2-17  |  | type                |  | Product Customer Drawing  |  |
|             |  |                       |  | chr                          |  | 2011-2-17  |  |                     |  |   |  |
|             |  |                       |  | appd                         |  | Feb 18 '11 |  |                     |  |   |  |
| sheet index |  | revision sheet        |  |                              |  |            |  |                     |  | Rev. A  |  |



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

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 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

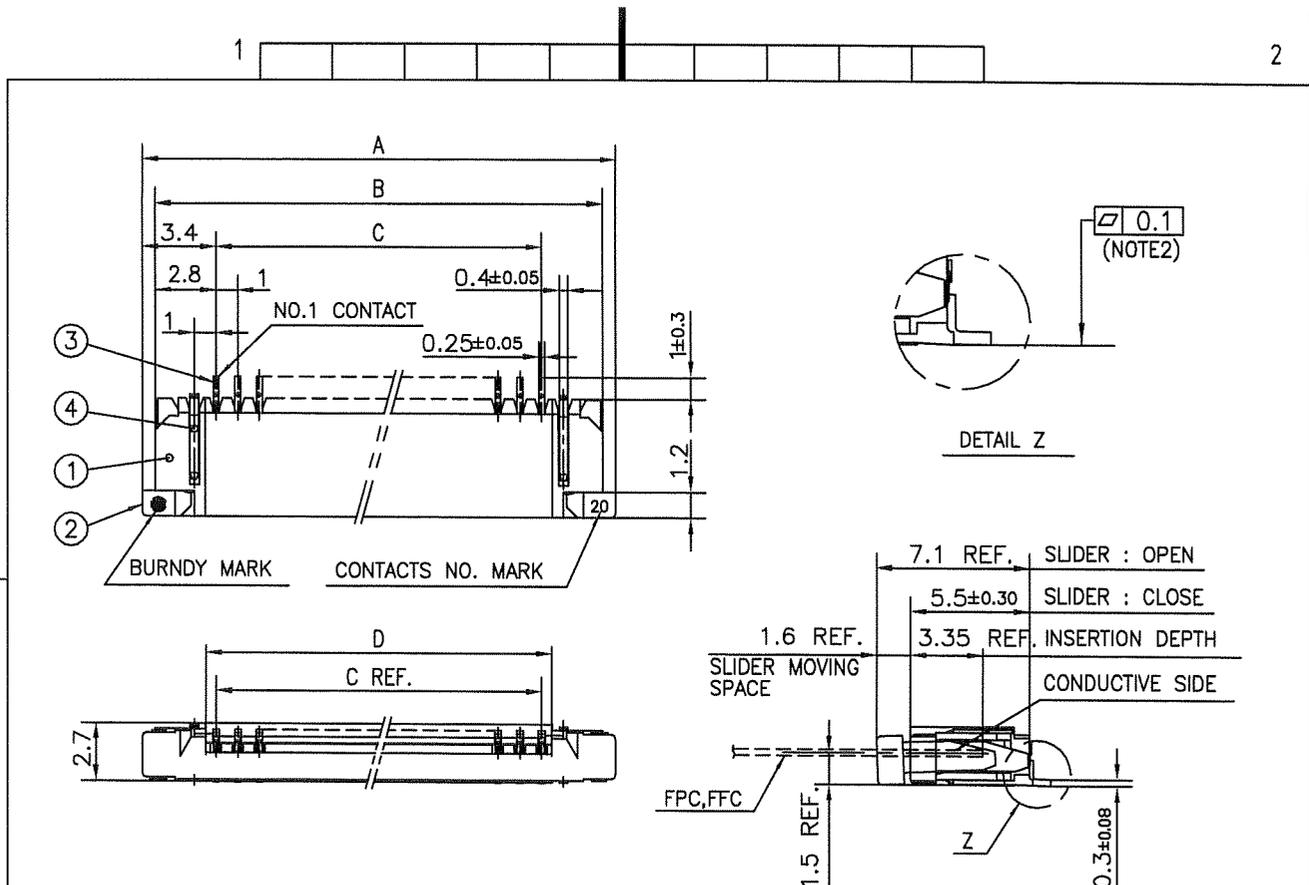
5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

|             |  |                        |  |                                  |  |                    |  |                                       |  |  |  |
|-------------|--|------------------------|--|----------------------------------|--|--------------------|--|---------------------------------------|--|--|--|
| mat'l. code |  | surface 58<br>ISO 1302 |  | tolerance<br>ISO 406<br>ISO 1101 |  | projection         |  | product family 58RF                   |  | CODE JP  |  |
| ltr         |  | ecn no                 |  | dr                               |  | date               |  | tolerances unless otherwise specified |  | title  |  |
| A           |  |                        |  |                                  |  |                    |  | ±0.2                                  |  | 1mm SPACING SMT CONNECTOR<br>(Cat. No. SFW__R-3ST__LF) |  |
|             |  |                        |  | angles                           |  | linear             |  | mm                                    |  | scale X  |  |
|             |  |                        |  | dr                               |  | S. W. H. 2011-2-17 |  | dwg no                                |  | sheet 3 of 8 size                                      |  |
|             |  |                        |  | enrg                             |  | S. W. H. 2011-2-17 |  | 10117478                              |  | A4   |  |
|             |  |                        |  | chr                              |  | Y. Ramon 2011-2-17 |  | type                                  |  | Product Customer Drawing                               |  |
|             |  |                        |  | appd                             |  | [Signature]        |  |                                       |  | Rev. A   |  |
| sheet index |  | revision sheet         |  |                                  |  |                    |  |                                       |  |  |  |



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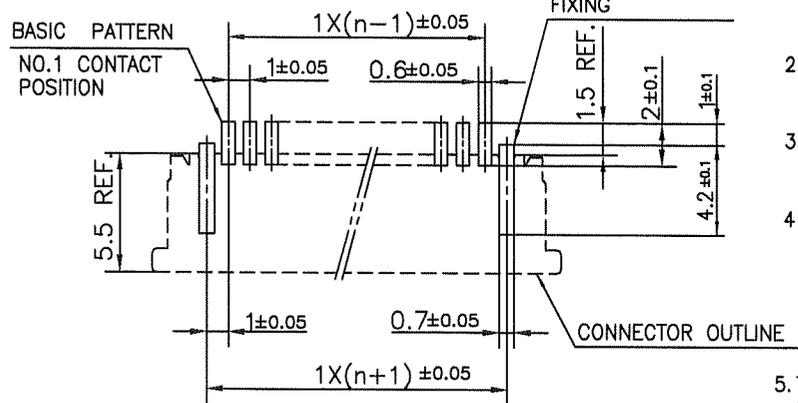




| PT. NO. | PARTS NAME     | MATERIAL                                | Q'TY | NOTE                |
|---------|----------------|---|------|---------------------|
| 1       | HOUSING        | PPS RESIN GLASS<br>REINFORCED (UL94V-0) | 1    | COLOR : BLACK       |
| 2       | SLIDER         |   | 1    | COLOR : BROWN       |
| 3       | CONTACT        | PHOSPHOR BRONZE                         | n    | PLATING : MATTE 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 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 / tolerance ISO 1302 / ISO 406 / ISO 1101 |  | projection   |  | product family 58RF |  | CODE JP                               |  |
| ltr         |  | ecn no   |  | dr           |  | date                |  | tolerances unless otherwise specified |  |
| A           |  |  |  |              |  |                     |  | ±0.2                                  |  |
|             |  |  |  | angles       |  | linear              |  | mm                                    |  |
|             |  |  |  |              |  |                     |  | scale X                               |  |
|             |  | dr   |  | S. M. Thakur |  | 2011-2-17           |  | dwg no                                |  |
|             |  | enrg   |  | S. M. Thakur |  | 2011-2-17           |  | sheet 4 of 8                          |  |
|             |  | chr  |  | Y. Ramcharan |  | 2011-2-17           |  | size                                  |  |
|             |  | appd   |  | [Signature]  |  | [Signature]         |  | 10117478                              |  |
| sheet index |  | revision sheet                                       |  |              |  |                     |  | type Product Customer Drawing         |  |
| D           |  |  |  |              |  |                     |  | Rev. A                                |  |

CAT. NO. & DIMENSIONS

| NO. OF CONTACTS (n) | CAT. NO. (NOTE2) | DIMENSIONS (NOTE3) |         |         |
|---------------------|------------------|--------------------|---------|---------|
|                     |                  | E MAX.             | F ± 0.3 | G ± 0.1 |
| 4                   | SFW4R-3/4STE9LF  | 22.4               | 16      | —       |
| 5                   | SFW5R-3/4STE9LF  | 30.4               | 24      | —       |
| 6                   | SFW6R-3/4STE9LF  | 30.4               | 24      | —       |
| 7                   | SFW7R-3/4STE9LF  | 30.4               | 24      | —       |
| 8                   | SFW8R-3/4STE9LF  | 30.4               | 24      | —       |
| 9                   | SFW9R-3/4STE9LF  | 30.4               | 24      | —       |
| 10                  | SFW10R-3/4STE9LF | 30.4               | 24      | —       |
| 11                  | SFW11R-3/4STE9LF | 30.4               | 24      | —       |
| 12                  | SFW12R-3/4STE9LF | 30.4               | 24      | —       |
| 13                  | SFW13R-3/4STE9LF | 38.4               | 32      | 28.4    |
| 14                  | SFW14R-3/4STE9LF | 38.4               | 32      | 28.4    |
| 15                  | SFW15R-3/4STE9LF | 38.4               | 32      | 28.4    |
| 16                  | SFW16R-3/4STE9LF | 38.4               | 32      | 28.4    |
| 17                  | SFW17R-3/4STE9LF | 50.4               | 44      | 40.4    |
| 18                  | SFW18R-3/4STE9LF | 50.4               | 44      | 40.4    |
| 19                  | SFW19R-3/4STE9LF | 50.4               | 44      | 40.4    |
| 20                  | SFW20R-3/4STE9LF | 50.4               | 44      | 40.4    |
| 21                  | SFW21R-3/4STE9LF | 50.4               | 44      | 40.4    |
| 22                  | SFW22R-3/4STE9LF | 50.4               | 44      | 40.4    |
| 23                  | SFW23R-3/4STE9LF | 50.4               | 44      | 40.4    |
| 24                  | SFW24R-3/4STE9LF | 50.4               | 44      | 40.4    |
| 25                  | SFW25R-3/4STE9LF | 50.4               | 44      | 40.4    |
| 26                  | SFW26R-3/4STE9LF | 50.4               | 44      | 40.4    |
| 27                  | SFW27R-3/4STE9LF | 50.4               | 44      | 40.4    |
| 28                  | SFW28R-3/4STE9LF | 62.4               | 56      | 52.4    |
| 29                  | SFW29R-3/4STE9LF | 62.4               | 56      | 52.4    |
| 30                  | SFW30R-3/4STE9LF | 62.4               | 56      | 52.4    |

CAT. NO.

SFW (n) R - 3 ST E9 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 FOR E9 (500pcs PER REEL)

LEAD FREE

NOTES

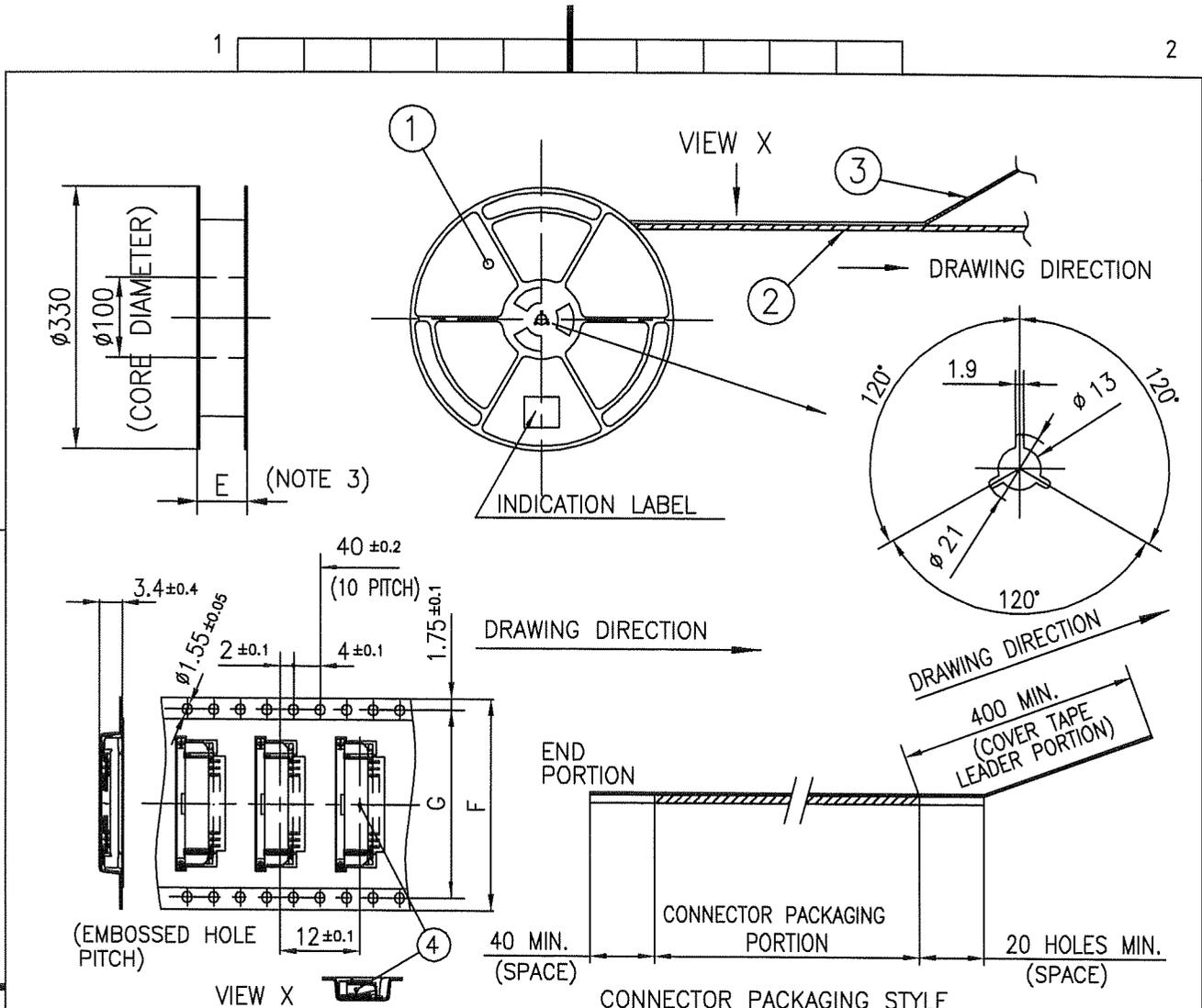
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS E~G.
4. THIS PRODUCT IS THE CONNECTOR WITH CABLE LOCK MECHANISM.

|             |  |  |  |                      |  |                     |  |                                       |  |
|-------------|--|--|--|----------------------|--|---------------------|--|---------------------------------------|--|
| mat'l. code |  | surface 58 / tolerance ISO 1302 / ISO 406 / ISO 1101 |  | projection           |  | product family 58RF |  | CODE JP                               |  |
| ltr         |  | ecn no   |  | dr                   |  | date                |  | tolerances unless otherwise specified |  |
| A           |  |  |  |                      |  |                     |  | title                                 |  |
|             |  |  |  | angles               |  | linear              |  | mm                                    |  |
|             |  |  |  |                      |  |                     |  | scale X                               |  |
|             |  | dr   |  | S. Withler 2011-2-17 |  |                     |  | dwg no                                |  |
|             |  | engr   |  | S. Withler 2011-2-17 |  |                     |  | sheet 5 of 8                          |  |
|             |  | chr  |  | V. Komoder 2011-2-17 |  |                     |  | size                                  |  |
|             |  | appd   |  | M. C. 1/28/11        |  |                     |  | 10117478                              |  |
| sheet index |  | revision sheet                                       |  |                      |  |                     |  | type Product Customer Drawing         |  |
|             |  |  |  |                      |  |                     |  | Rev. A                                |  |



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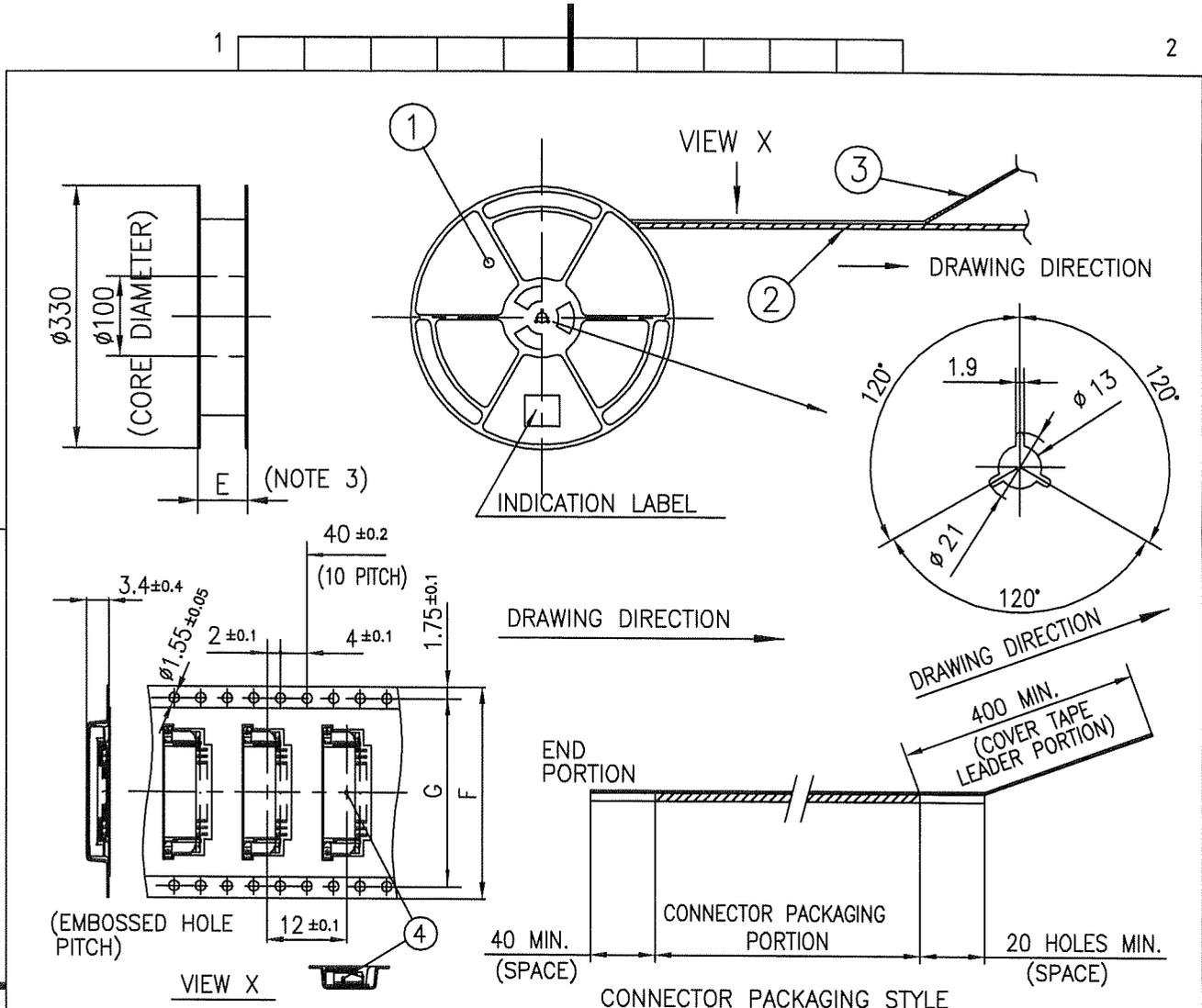


| PT. NO. | PARTS NAME            | CAT. NO.       | MATERIAL          | Q'TY  | NOTE                         |
|---------|-----------------------|----------------|-------------------|-------|------------------------------|
| 1       | REEL                  | _____          | POLYSTYRENE       | 1     | COLOR : WHITE/BLACK          |
| 2       | PLASTIC (EMBOSS) TAPE | _____          | PET               | _____ | COLOR : TRANSPARENCY (CLEAR) |
| 3       | COVER                 | _____          | POLYESTER         | _____ | COLOR : TRANSPARENCY (CLEAR) |
| 4       | CONNECTOR             | SFW__R-3ST__LF | SEE ATTACHED DWG. | 500   | LOWER CONTACT TYPE           |

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR WITH CABLE LOCK MECHANISM USED FOR FPC/FFC AND COPEs 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 ISO 1302 <input checked="" type="checkbox"/> |  | tolerance ISO 406 <input checked="" type="checkbox"/> |  | projection  |  | product family 58RF                   |  | CODE JP   |  |
| ltr         |  | ecn no   |  | dr  |  | date        |  | tolerances unless otherwise specified |  | title   |  |
| A           |  |  |  |   |  |             |  | ±5                                    |  | PLASTIC TAPE PACKAGED<br>1mm SPACING SMT CONNECTOR<br>(Cat. No. SFW__R-3STE9LF) |  |
|             |  |  |  | angles  |  | linear      |  | mm                                    |  | dwg no  |  |
|             |  |  |  | ±5°   |  |             |  | scale                                 |  | sheet 6 of 8  |  |
|             |  |  |  | dr  |  | 2011-2-17   |  | FCI                                   |  | size  |  |
|             |  |  |  | enrg  |  | 2011-2-17   |  |                                       |  | A4  |  |
|             |  |  |  | chr   |  | 2011-2-17   |  |                                       |  | 10117478  |  |
|             |  |  |  | appd  |  | [Signature] |  |                                       |  | type  |  |
| sheet index |  | revision sheet                                       |  |   |  |             |  |                                       |  | Product Customer Drawing  |  |
| D           |  |  |  |   |  |             |  |                                       |  | Rev. A  |  |



| PT. NO. | PARTS NAME            | CAT. NO.     | MATERIAL          | Q'TY  | NOTE                         |
|---------|-----------------------|--------------|-------------------|-------|------------------------------|
| 1       | REEL                  | _____        | POLYSTYRENE       | 1     | COLOR : WHITE/BLACK          |
| 2       | PLASTIC (EMBOSS) TAPE | _____        | PET               | _____ | COLOR : TRANSPARENCY (CLEAR) |
| 3       | COVER                 | _____        | POLYESTER         | _____ | COLOR : TRANSPARENCY (CLEAR) |
| 4       | CONNECTOR             | SFW_R-4ST_LF | SEE ATTACHED DWG. | 500   | UPPER CONTACT TYPE           |

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR WITH CABLE LOCK MECHANISM USED FOR FPC/FFC AND COPEs 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 ISO 1302 <input checked="" type="checkbox"/> |  | tolerance ISO 406 <input checked="" type="checkbox"/> |  | projection |  | product family 58RF |  | CODE JP  |  |
| ltr         |  | ecn no   |  | dr  |  | date       |  | title               |  | PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW_R-4STE9LF) |  |
| A           |  |  |  |   |  |            |  | dwg no              |  | sheet 7 of 8 size A4   |  |
|             |  |  |  |   |  |            |  | 10117478            |  |  |  |
|             |  |  |  |   |  |            |  | type                |  | Product Customer Drawing   |  |
| sheet index |  | revision sheet                                       |  |   |  |            |  |                     |  | Rev. A   |  |

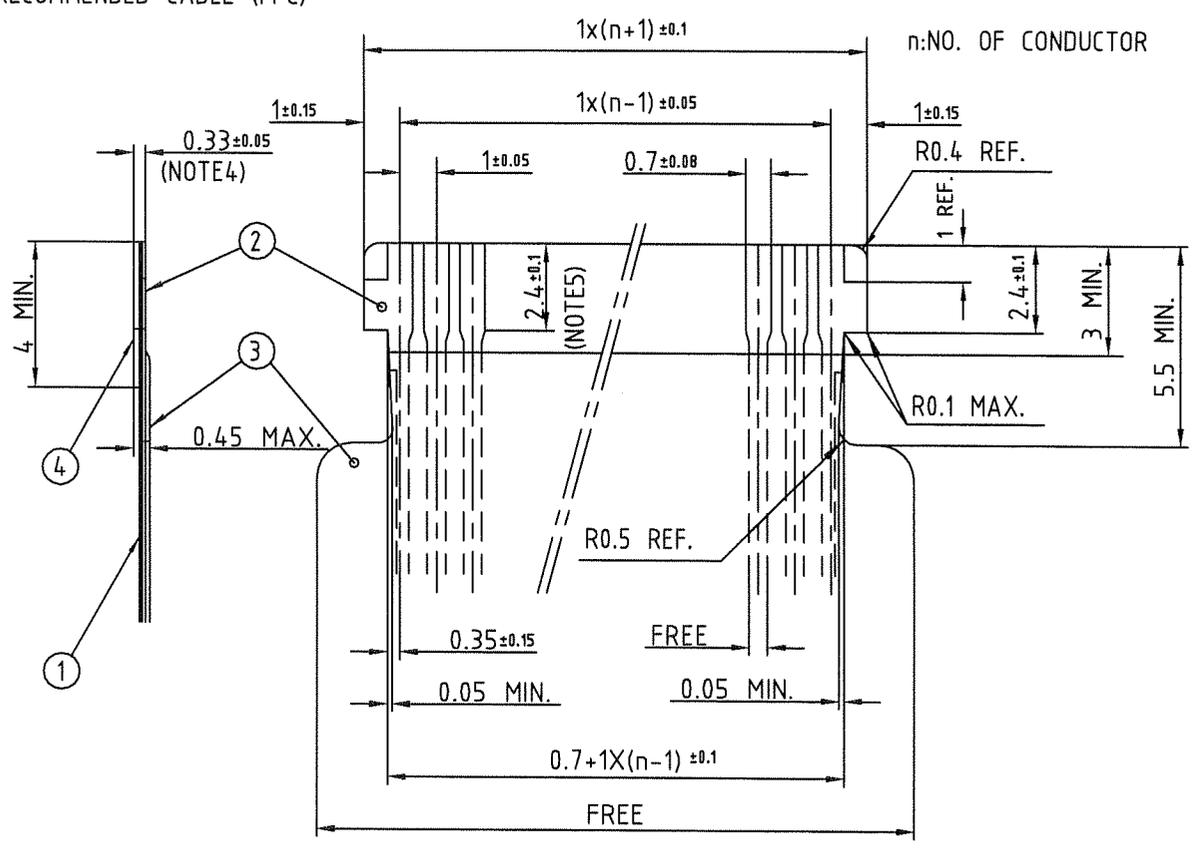
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RECOMMENDED CABLE (FPC)



| PT. NO. | PARTS NAME      | MATERIAL                                      | THICKNESS (um) |
|---------|-----------------|---|----------------|
| 1       | BASE FILM       | POLYIMIDE OR POLYESTER OR EQUAL               | 25             |
| 2       | CONDUCTOR       | COPPER FOIL(PLATING : TIN OR 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 ± 0.08 CONDUCTOR WIDTH.

|             |  |                |  |   |  |                       |  |   |  |   |  |                   |  |
|-------------|--|----------------|--|---|--|-----------------------|--|---|--|---|--|-------------------|--|
| mat'l. code |  |                |  | surface<br>ISO 1302 <input checked="" type="checkbox"/> ISO 406<br>ISO 1101 |  | tolerance<br>ISO 1101 |  | projection<br>                            |  | product family<br>58RF                              |  | CODE<br>JP        |  |
| ltr         |  |                |  | ecn no  |  | dr                    |  | date                                      |  | title<br>RECOMMENDED CABLE<br>(Cat. No. SFW_R-3/4_) |  |                   |  |
| A           |  |                |  |   |  |                       |  |   |  |   |  |                   |  |
|             |  |                |  | angles  |  | linear                |  | mm  |  |   |  |                   |  |
|             |  |                |  |   |  |                       |  | scale <input checked="" type="checkbox"/> |  |   |  |                   |  |
|             |  |                |  | dr  |  | 2011-2-17             |  |   |  | dwg no  |  | sheet 8 of 8 size |  |
|             |  |                |  | enrg  |  | 2011-2-17             |  |   |  | 10117478  |  | A4                |  |
|             |  |                |  | chr   |  | 2011-2-17             |  |   |  |   |  |                   |  |
|             |  |                |  | appd  |  | 2011-2-17             |  |   |  |   |  |                   |  |
| sheet index |  | revision sheet |  |   |  |                       |  |   |  |   |  | Rev. A            |  |

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Skype [ameyasales1](#) [ameyasales2](#)

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