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## List of "HFW\_\_R-1/2STZE1LF" customer document

| DOCUMENT NO. | LIST                                                                            |
|--------------|---------------------------------------------------------------------------------|
| SC-HFWR04    | SPEC.                                                                           |
| JSA96791     | CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR (HFW__R-1/2STZ__LF)                  |
| JSA96792     | 1mm SPACING SURFACE MOUNT FPC CONNECCTOR (HFW__R-1STZ_LF)                       |
| JSA96793     | 1mm SPACING SURFACE MOUNT FPC CONNECCTOR (HFW__R-2STZ_LF)                       |
| JSA96794     | CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.(HFW__R-1/2STZE1LF) |
| JSA96795     | 1mm SPACING SMT CONNECTOR (HFW__R-1STZE1LF)                                     |
| JSA96796     | 1mm SPACING SMT CONNECTOR (HFW__R-2STZE1LF)                                     |
| JSA93573     | RECOMMENDED CABLE (FPC) (HFW__R-1/2____)                                        |
| JSA93574     | RECOMMENDED CABLE (FFC) (HFW__R-1/2____)                                        |
| BJM-HFWR101  | HANDLING PROCEDURES                                                             |

|             |  |                |  |                     |  |                               |  |                                       |  |                                                                                           |  |                                                                                        |  |         |  |
|-------------|--|----------------|--|---------------------|--|-------------------------------|--|---------------------------------------|--|-------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------|--|---------|--|
| mat'l. code |  |                |  | surface 58/ISO 1302 |  | tolerance ISO 406<br>ISO 1101 |  | projection                            |  | product family 58NF                                                                       |  |                                                                                        |  | CODE JP |  |
| ltr         |  | ecn no         |  | dr                  |  | date                          |  | tolerances unless otherwise specified |  | <br>mm |  | title<br>1mm SPACING FPC/FFC CONNECTOR DOCUMENT LIST<br>(Cat. No. : HFW__R-1/2STZE1LF) |  |         |  |
| A           |  | J05-0653       |  | H.T                 |  | 10/12/05                      |  | angles linear                         |  |                                                                                           |  |                                                                                        |  |         |  |
| B           |  | J06-0413       |  | H.T                 |  | 10/4/06                       |  |                                       |  | scale X                                                                                   |  | dwg no sheet 1 of 1 size<br>JSA 96790 A4                                               |  |         |  |
|             |  |                |  |                     |  |                               |  |                                       |  |                                                                                           |  |                                                                                        |  |         |  |
|             |  |                |  |                     |  |                               |  |                                       |  |        |  | type Product Customer Drawing                                                          |  |         |  |
|             |  |                |  |                     |  |                               |  |                                       |  |                                                                                           |  |                                                                                        |  |         |  |
|             |  |                |  |                     |  |                               |  |                                       |  |                                                                                           |  |                                                                                        |  |         |  |
|             |  |                |  |                     |  |                               |  |                                       |  |                                                                                           |  |                                                                                        |  |         |  |
| sheet index |  | revision sheet |  | B                   |  | 1                             |  |                                       |  |                                                                                           |  | Rev. B                                                                                 |  |         |  |

form: A4

1

2

## CAT. NO. &amp; DIMENSIONS

| (NOTE3) | NO. OF CONTACTS (n) | CAT. NO.          | DIMENSIONS (NOTE2) |         |         |
|---------|---------------------|-------------------|--------------------|---------|---------|
|         |                     |                   | A ± 0.2            | B ± 0.2 | C ± 0.1 |
|         | 4                   | HFW4R-1/2STZ__LF  | 6.6                | 3       | 5.14    |
|         | 5                   | HFW5R-1/2STZ__LF  | 7.6                | 4       | 6.14    |
|         | 6                   | HFW6R-1/2STZ__LF  | 8.6                | 5       | 7.14    |
|         | 7                   | HFW7R-1/2STZ__LF  | 9.6                | 6       | 8.14    |
|         | 8                   | HFW8R-1/2STZ__LF  | 10.6               | 7       | 9.14    |
|         | 9                   | HFW9R-1/2STZ__LF  | 11.6               | 8       | 10.14   |
|         | 10                  | HFW10R-1/2STZ__LF | 12.6               | 9       | 11.14   |
|         | 11                  | HFW11R-1/2STZ__LF | 13.6               | 10      | 12.14   |
|         | 12                  | HFW12R-1/2STZ__LF | 14.6               | 11      | 13.14   |
|         | 13                  | HFW13R-1/2STZ__LF | 15.6               | 12      | 14.14   |
|         | 14                  | HFW14R-1/2STZ__LF | 16.6               | 13      | 15.14   |
|         | 15                  | HFW15R-1/2STZ__LF | 17.6               | 14      | 16.14   |
|         | 16                  | HFW16R-1/2STZ__LF | 18.6               | 15      | 17.14   |
|         | 17                  | HFW17R-1/2STZ__LF | 19.6               | 16      | 18.14   |
|         | 18                  | HFW18R-1/2STZ__LF | 20.6               | 17      | 19.14   |
|         | 19                  | HFW19R-1/2STZ__LF | 21.6               | 18      | 20.14   |
|         | 20                  | HFW20R-1/2STZ__LF | 22.6               | 19      | 21.14   |
|         | 21                  | HFW21R-1/2STZ__LF | 23.6               | 20      | 22.14   |
|         | 22                  | HFW22R-1/2STZ__LF | 24.6               | 21      | 23.14   |
|         | 23                  | HFW23R-1/2STZ__LF | 25.6               | 22      | 24.14   |
|         | 24                  | HFW24R-1/2STZ__LF | 26.6               | 23      | 25.14   |
|         | 25                  | HFW25R-1/2STZ__LF | 27.6               | 24      | 26.14   |
|         | 26                  | HFW26R-1/2STZ__LF | 28.6               | 25      | 27.14   |
|         | 27                  | HFW27R-1/2STZ__LF | 29.6               | 26      | 28.14   |
| *       | 28                  | HFW28R-1/2STZ__LF | 30.6               | 27      | 29.14   |
| *       | 29                  | HFW29R-1/2STZ__LF | 31.6               | 28      | 30.14   |
|         | 30                  | HFW30R-1/2STZ__LF | 32.6               | 29      | 31.14   |

CAT. NO. HFW (n) R - 1 ST Z \_\_ LF

SERIES \_\_\_\_\_

NO. OF CONTACTS \_\_\_\_\_

RIGHT ANGLE TYPE \_\_\_\_\_

FOR FPC/FFC, CONTACT DIRECTION \_\_\_\_\_

1. LOWER CONTACT TYPE  
2. UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING (SMT) \_\_\_\_\_

THIN TIN \_\_\_\_\_

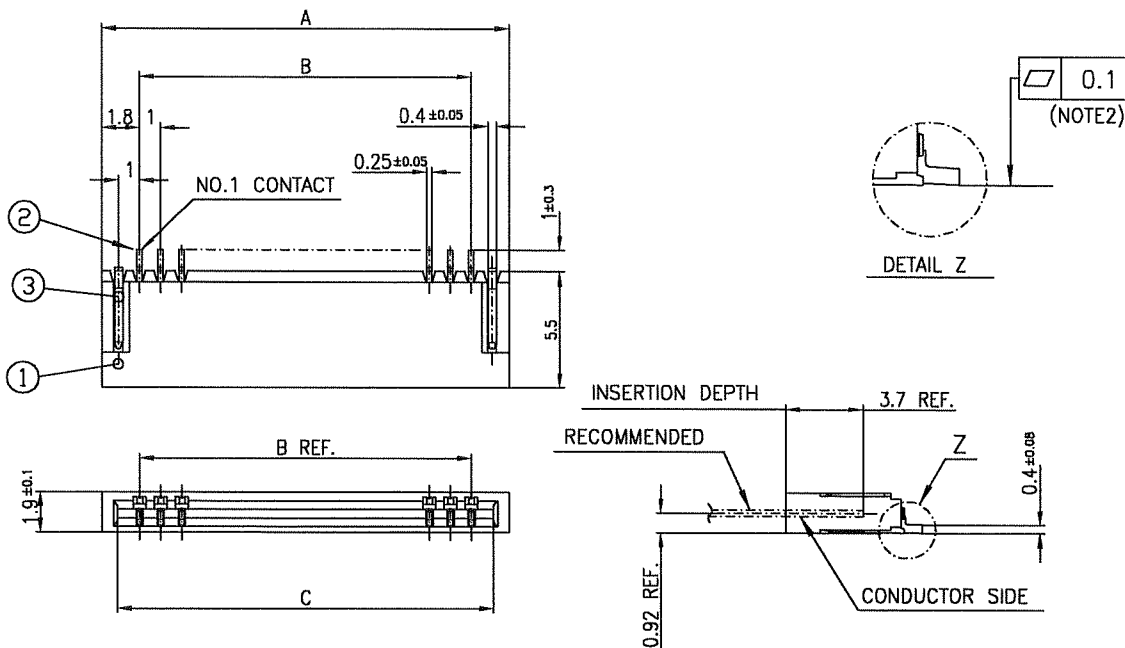
PACKAGE STYLE \_\_\_\_\_

LEAD FREE \_\_\_\_\_

## NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC AND CYPES WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A~C.
3. PLEASE CONSULT US IN CASE OF USING PARTS WITH \* MARK.

|             |          |     |           |                                                        |  |            |  |                                                                        |  |         |  |
|-------------|----------|-----|-----------|--------------------------------------------------------|--|------------|--|------------------------------------------------------------------------|--|---------|--|
| mat'l. code |          |     |           | surface 58 / tolerance ISO 1302 ✓ / ISO 406 / ISO 1101 |  | projection |  | product family 58NF                                                    |  | CODE JP |  |
| ltr         | ecn no   | dr  | date      | tolerances unless otherwise specified                  |  | mm         |  | title                                                                  |  |         |  |
| A           | J05-0653 | H.T | 10/12/'05 | angles linear                                          |  | mm         |  | CAT NO.TABLE FOR 1mm SPACING SMT CONNECTOR (Cat.No. HFW__R-1/2STZ__LF) |  |         |  |
| B           | J06-0413 | H.T | 10/4/'06  |                                                        |  | scale X    |  | dwg no sheet 1 of 1 size                                               |  |         |  |
|             |          |     |           | dr 10/4/06                                             |  | FCJ        |  | JSA 96791 A4                                                           |  |         |  |
|             |          |     |           | enrg 10/4/06                                           |  |            |  | type Product Customer Drawing                                          |  |         |  |
|             |          |     |           | chr 10/12/06                                           |  |            |  |                                                                        |  |         |  |
|             |          |     |           | appd 10/12/06                                          |  |            |  |                                                                        |  |         |  |
| sheet index | revision | B   |           |                                                        |  |            |  |                                                                        |  | Rev. B  |  |

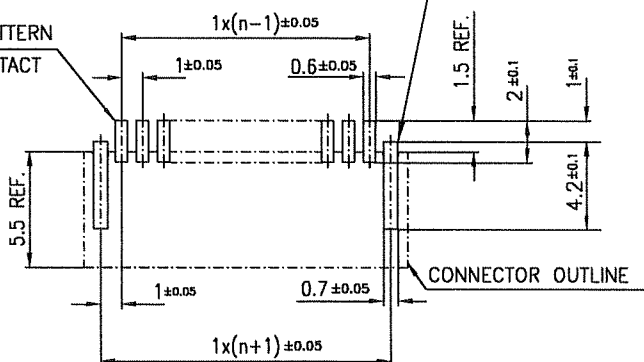


| PT. NO. | PARTS NAME     | MATERIAL                              | Q'TY | NOTE                   |
|---------|----------------|---------------------------------------|------|------------------------|
| 1       | HOUSING        | PA6T RESIN GLASS REINFORCED (UL94V-0) | 1    | COLOR:BLACK            |
| 2       | CONTACT        | PHOSPHOR BRONZE                       | n    | CONTACT POINT:THIN TIN |
| 3       | MOUNTING PLATE |                                       | 2    | TIN                    |

n : NO. OF CONTACTS

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

#### BASIC PATTERN NO.1 CONTACT POSITION

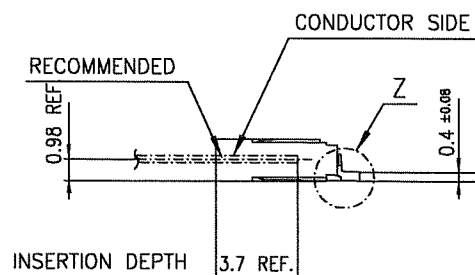
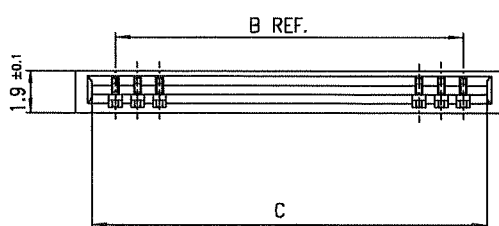
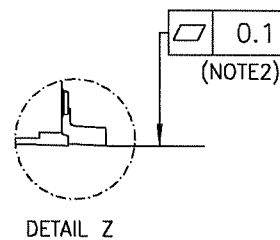
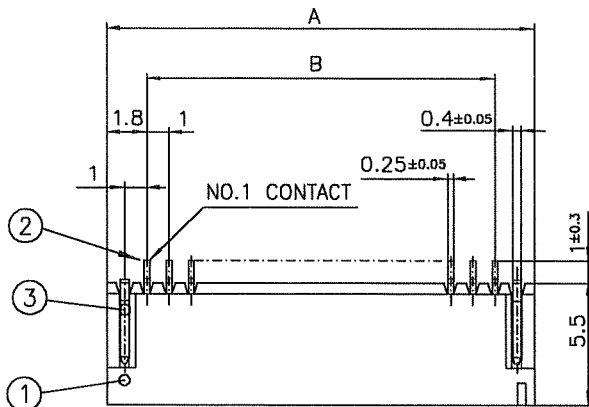


#### NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS OF CONTACT TERMINAL FOR HOUSING MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS PRODUCT IS LOWER CONTACT TYPE CONNECTOR.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN

|             |                |     |           |                                       |                   |            |                                                                               |         |
|-------------|----------------|-----|-----------|---------------------------------------|-------------------|------------|-------------------------------------------------------------------------------|---------|
| mat'l. code |                |     |           | surface 58                            | tolerance ISO 406 | projection | product family 58NF                                                           | CODE JP |
| ltr         | ecn no         | dr  | date      | ISO 1302                              | ISO 1101          |            | title<br>1mm SPACING SURFACE MOUNT FPC CONNECTOR<br>(Cat.No. HFW__R-1STZ__LF) |         |
| A           | J05-0653       | H.T | 10/12/'05 | tolerances unless otherwise specified | ±0.2              | mm         |                                                                               |         |
| B           | J06-0413       | H.T | 10/4/'06  | angles                                | linear            | scale X    | dwg no JSA 96792 sheet 1 of 1 size A4                                         |         |
|             |                |     |           | dr                                    | 10/4/'06          |            |                                                                               |         |
|             |                |     |           | enr                                   | 10/4/'06          |            | type Product Customer Drawing                                                 |         |
|             |                |     |           | chr                                   | 10/12/'06         |            |                                                                               |         |
|             |                |     |           | appd                                  | 10/12/'06         |            | Rev. B                                                                        |         |
| sheet index | revision sheet | B   | 1         |                                       |                   |            |                                                                               |         |

SC-HFWR 04 JSA96791  
form: A4



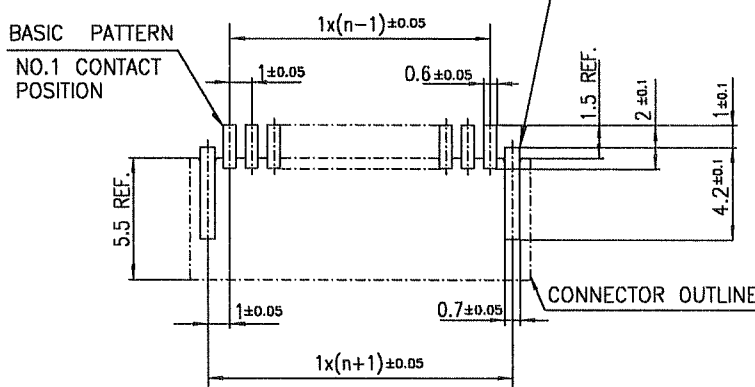
| PT. NO. | PARTS NAME     | MATERIAL                              | Q'TY | NOTE                   |
|---------|----------------|---------------------------------------|------|------------------------|
| 1       | HOUSING        | PA6T RESIN GLASS REINFORCED (UL94V-0) | 1    | COLOR:BLACK            |
| 2       | CONTACT        | PHOSPHOR BRONZE                       | n    | CONTACT POINT:THIN TIN |
| 3       | MOUNTING PLATE |                                       | 2    | TIN                    |

n : NO. OF CONTACTS

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

#### BASIC PATTERN

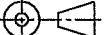
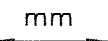
NO.1 CONTACT POSITION



#### PATTERN FOR MOUNTING PLATE FIXING

#### NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC AND COPS WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS OF CONTACT TERMINAL FOR HOUSING MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS PRODUCT IS UPPER CONTACT TYPE CONNECTOR.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN

|             |          |          |           |                                       |          |                                  |                                                                                     |                                                                                                   |  |                                                                                  |  |  |  |            |          |
|-------------|----------|----------|-----------|---------------------------------------|----------|----------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------|--|--|--|------------|----------|
| mat'l. code |          |          |           | surface 58 ✓<br>ISO 1302              |          | tolerance<br>ISO 406<br>ISO 1101 |                                                                                     | projection<br> |  | product family<br>58NF                                                           |  |  |  | CODE<br>JP |          |
| ltr         | ecn no   | dr       | date      | tolerances unless otherwise specified |          |                                  |                                                                                     |                |  | title<br>1mm SPACING SURFACE MOUNT<br>FPC CONNECTOR<br>(Cat.No. HFW__R-2STZ__LF) |  |  |  |            |          |
| A           | J05-0653 | H.T      | 10/12/'05 | angles                                | linear   | ±0.2                             |                                                                                     |                                                                                                   |  |                                                                                  |  |  |  |            |          |
| B           | J06-0413 | H.T      | 10/4/'06  |                                       |          |                                  |                                                                                     |                                                                                                   |  |                                                                                  |  |  |  |            |          |
|             |          |          |           |                                       |          |                                  |                                                                                     | scale $\times$                                                                                    |  | dwg no<br>JSA 96793<br>sheet 1 of 1<br>size<br>A4                                |  |  |  |            |          |
|             |          |          |           | dr                                    | 10/4/06  |                                  |  |                                                                                                   |  |                                                                                  |  |  |  |            |          |
|             |          |          |           | enrg                                  | 10/12/06 |                                  |                                                                                     |                                                                                                   |  |                                                                                  |  |  |  |            |          |
|             |          |          |           | chr                                   | 10/12/06 |                                  |                                                                                     |                                                                                                   |  |                                                                                  |  |  |  |            |          |
|             |          |          |           | appd                                  | 10/12/06 |                                  |                                                                                     |                                                                                                   |  |                                                                                  |  |  |  |            |          |
| sheet index |          | revision | B         |                                       |          |                                  |                                                                                     |                                                                                                   |  | type Product Customer Drawing                                                    |  |  |  |            |          |
|             |          | sheet    | 1         |                                       |          |                                  |                                                                                     |                                                                                                   |  |                                                                                  |  |  |  |            | Rev<br>B |

SC-HFWR 04 JSA96791  
form: A4

## CAT. NO. &amp; DIMENSIONS

| (NOTE4) | NO. OF CONTACTS (n) | CAT. NO. (NOTE2)  | DIMENSIONS (NOTE3) |         |         |
|---------|---------------------|-------------------|--------------------|---------|---------|
|         |                     |                   | E ± 5              | F ± 0.3 | G ± 0.1 |
|         | 4                   | HFW4R-1/2STZE1LF  | 28.4               | 24      | —       |
|         | 5                   | HFW5R-1/2STZE1LF  | 28.4               | 24      | —       |
|         | 6                   | HFW6R-1/2STZE1LF  | 28.4               | 24      | —       |
|         | 7                   | HFW7R-1/2STZE1LF  | 28.4               | 24      | —       |
|         | 8                   | HFW8R-1/2STZE1LF  | 28.4               | 24      | —       |
|         | 9                   | HFW9R-1/2STZE1LF  | 28.4               | 24      | —       |
|         | 10                  | HFW10R-1/2STZE1LF | 28.4               | 24      | —       |
|         | 11                  | HFW11R-1/2STZE1LF | 28.4               | 24      | —       |
|         | 12                  | HFW12R-1/2STZE1LF | 28.4               | 24      | —       |
|         | 13                  | HFW13R-1/2STZE1LF | 28.4               | 24      | —       |
|         | 14                  | HFW14R-1/2STZE1LF | 28.4               | 24      | —       |
|         | 15                  | HFW15R-1/2STZE1LF | 36.4               | 32      | 28.4    |
|         | 16                  | HFW16R-1/2STZE1LF | 36.4               | 32      | 28.4    |
|         | 17                  | HFW17R-1/2STZE1LF | 36.4               | 32      | 28.4    |
|         | 18                  | HFW18R-1/2STZE1LF | 36.4               | 32      | 28.4    |
|         | 19                  | HFW19R-1/2STZE1LF | 48.4               | 44      | 40.4    |
|         | 20                  | HFW20R-1/2STZE1LF | 48.4               | 44      | 40.4    |
|         | 21                  | HFW21R-1/2STZE1LF | 48.4               | 44      | 40.4    |
|         | 22                  | HFW22R-1/2STZE1LF | 48.4               | 44      | 40.4    |
|         | 23                  | HFW23R-1/2STZE1LF | 48.4               | 44      | 40.4    |
|         | 24                  | HFW24R-1/2STZE1LF | 48.4               | 44      | 40.4    |
|         | 25                  | HFW25R-1/2STZE1LF | 48.4               | 44      | 40.4    |
|         | 26                  | HFW26R-1/2STZE1LF | 48.4               | 44      | 40.4    |
|         | 27                  | HFW27R-1/2STZE1LF | 48.4               | 44      | 40.4    |
| *       | 28                  | HFW28R-1/2STZE1LF | 48.4               | 44      | 40.4    |
| *       | 29                  | HFW29R-1/2STZE1LF | 48.4               | 44      | 40.4    |
|         | 30                  | HFW30R-1/2STZE1LF | 60.4               | 56      | 52.4    |

CAT. NO.

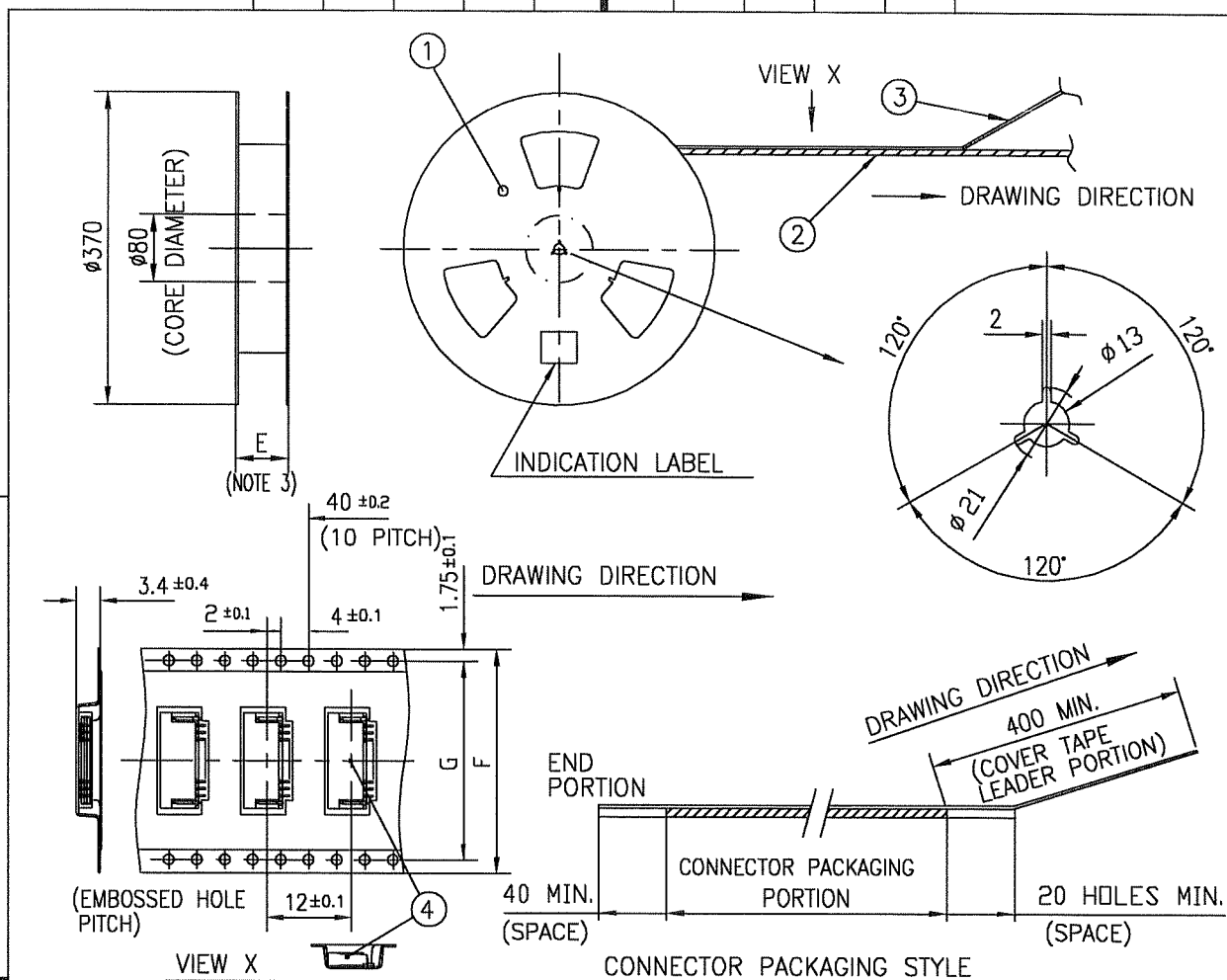
HFW (n) R - 1 ST Z E1 LF  
 SERIES  
 NO. OF CONTACTS  
 RIGHT ANGLE TYPE  
 FOR FPC/FFC, CONTACT DIRECTION  
 1. LOWER CONTACT TYPE  
 2. UPPER CONTACT TYPE  
 FOR AUTOMATIC MOUNTING (SMT)  
 THIN TIN  
 TAPE PACKAGING  
 LEAD FREE

## NOTES

- THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC AND COPE WITH AUTOMATIC MOUNTING (SMT).
- THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
- SEE PART DRAWINGS FOR DIMENSIONS E~G.
- PLEASE CONSULT US IN CASE OF USING PARTS WITH \* MARK.

|             |          |     |           |                                                        |          |            |  |                                                                                           |  |         |        |
|-------------|----------|-----|-----------|--------------------------------------------------------|----------|------------|--|-------------------------------------------------------------------------------------------|--|---------|--------|
| mat'l. code |          |     |           | surface 58 / tolerance ISO 1302 ✓ / ISO 406 / ISO 1101 |          | projection |  | product family 58NF                                                                       |  | CODE JP |        |
| ltr         | ecn no   | dr  | date      | tolerances unless otherwise specified                  |          | mm         |  | title                                                                                     |  |         |        |
| A           | J05-0653 | H.T | 10/12/'05 | angles                                                 | linear   | mm         |  | CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN (Cat.No. HFW__R-1/2STZE1LF) |  |         |        |
| B           | J06-0413 | H.T | 10/4/'06  |                                                        |          | scale X    |  | dwg no JSA 96794 sheet 1 of 1 size A4                                                     |  |         |        |
|             |          |     |           | dr                                                     | 10/4/06  | FCJ        |  | type Product Customer Drawing                                                             |  |         |        |
|             |          |     |           | enr                                                    | 10/4/06  |            |  |                                                                                           |  |         |        |
|             |          |     |           | chr                                                    | 10/12/06 |            |  |                                                                                           |  |         |        |
|             |          |     |           | appd                                                   | 10/12/06 |            |  |                                                                                           |  |         |        |
| sheet index | revision | B   | 1         |                                                        |          |            |  |                                                                                           |  |         | Rev. B |

 SC-HFWR04 JSA96791  
 form: A4



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

#### NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR DESIGNED TO TERMINATE FPC 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 (EMBOSSD) TAPE AND REEL.
3. E DIMENSION IS PORTION OF THE CORE.

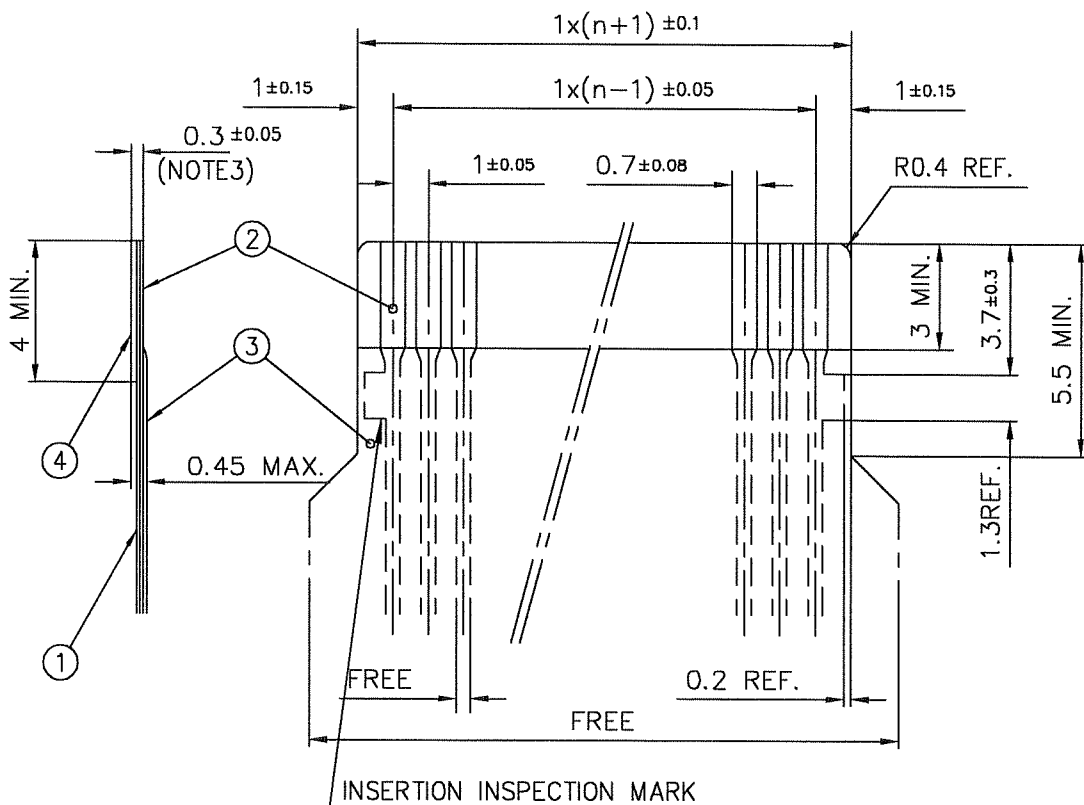
|             |          |     |           |                                        |                                  |                               |                                                                 |                            |
|-------------|----------|-----|-----------|----------------------------------------|----------------------------------|-------------------------------|-----------------------------------------------------------------|----------------------------|
| mat'l. code |          |     |           | surface 58<br>ISO 1302 ✓               | tolerance<br>ISO 406<br>ISO 1101 | projection<br>mm              | product family<br>58NF                                          | CODE<br>JP                 |
| ltr         | ecn no   | dr  | date      | tolerances, unless otherwise specified |                                  | mm                            | title<br>1mm SPACING SMT CONNECTOR<br>(Cat.No. HFW__R-1STZE1LF) |                            |
| A           | J05-0653 | H.T | 10/12/'05 | angles                                 | linear                           |                               |                                                                 |                            |
| B           | J06-0413 | H.T | 10/4/'06  | ±5'                                    |                                  | scale X                       | dwg no<br>JSA 96795                                             |                            |
|             |          |     |           | dr                                     | 10/4/06                          | FCI                           |                                                                 | sheet 1 of 1<br>size<br>A4 |
|             |          |     |           | enr                                    | 10/4/06                          |                               |                                                                 |                            |
|             |          |     |           | chr                                    | 10/12/06                         | type Product Customer Drawing |                                                                 |                            |
|             |          |     |           | appd                                   | 10/12/06                         |                               |                                                                 |                            |
| sheet index | revision | B   |           |                                        |                                  |                               |                                                                 | Rev. B                     |

SC-HFWR 04 JSA96791  
form: A4

CD

# RECOMMENDED CABLE (FPC)

n : NO. OF CONDUCTORS



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

## NOTES

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

|             |                |     |          |                                                        |  |            |  |                               |  |         |  |
|-------------|----------------|-----|----------|--------------------------------------------------------|--|------------|--|-------------------------------|--|---------|--|
| mat'l. code |                |     |          | surface 58 / tolerance ISO 1302 ✓ / ISO 406 / ISO 1101 |  | projection |  | product family 58NF           |  | CODE JP |  |
| ltr         | ecn no         | dr  | date     | tolerances unless otherwise specified                  |  | mm         |  | title                         |  |         |  |
| A           | J06-0413       | H.T | 10/4/'06 |                                                        |  | mm         |  | RECOMMENDED CABLE             |  |         |  |
|             |                |     |          | angles linear                                          |  | scale X    |  | (Cat. No. HFW__R-1/2__)       |  |         |  |
|             |                |     |          | dr                                                     |  | FCJ        |  | dwg no sheet 1 of 1 size      |  |         |  |
|             |                |     |          | enr                                                    |  |            |  | JSA 93573 A4                  |  |         |  |
|             |                |     |          | chr                                                    |  |            |  | type Product Customer Drawing |  |         |  |
|             |                |     |          | appd                                                   |  |            |  |                               |  |         |  |
| sheet index | revision sheet | A   | 1        |                                                        |  |            |  | Rev. A                        |  |         |  |

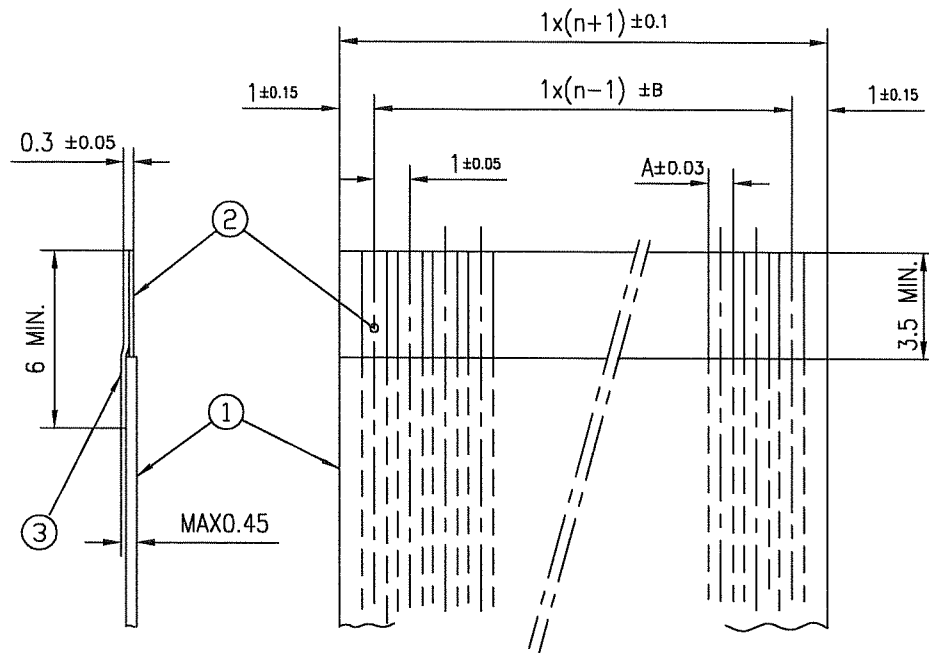
form: A4

1

2

## RECOMMENDED CABLE (FFC)

n : NO. OF CONDUCTORS



| (NOTE 3) | DIMENSION<br>A | TOLERANCE<br>B |
|----------|----------------|----------------|
| 1        | 0.7            | 0.1            |
| 2        | 0.6            | 0.07           |

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

## NOTES

1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.
3. BOTH COMBINATION IS ALLOWED.

|             |          |                |          |                                       |  |                            |  |            |  |                         |  |                          |      |
|-------------|----------|----------------|----------|---------------------------------------|--|----------------------------|--|------------|--|-------------------------|--|--------------------------|------|
| mat'l. code |          |                |          | surface 58/ISO 1302                   |  | tolerance ISO 406 ISO 1101 |  | projection |  | product family 58NF     |  | CODE JP                  |      |
| ltr         | ecn no   | dr             | date     | tolerances unless otherwise specified |  | mm                         |  | scale      |  | title                   |  |                          |      |
| 1           | ---      | T.M            | 4/30/'02 | angles linear                         |  | mm                         |  | X          |  | RECOMMENDED CABLE       |  |                          |      |
| A           | J06-0413 | H.T            | 10/4/'06 |                                       |  |                            |  |            |  | (Cat. No. HFW__R-1/2__) |  |                          |      |
|             |          |                |          | dr                                    |  | 10/12/06                   |  | FCI        |  | dwg no                  |  | sheet 1 of 1             | size |
|             |          |                |          | enr                                   |  | 10/14/06                   |  |            |  | JSA 93574               |  | A4                       |      |
|             |          |                |          | chr                                   |  | 10/12/06                   |  |            |  | type                    |  | Product Customer Drawing |      |
|             |          |                |          | appd                                  |  | 10/12/06                   |  |            |  |                         |  |                          |      |
| sheet index |          | revision sheet |          | A                                     |  | 1                          |  |            |  |                         |  | Rev. A                   |      |

form: A4

1

2

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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