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|             |  |                |  |                                                         |  |           |  |                                       |  |   |  |                |  |   |  |                                                                                          |  |   |  |              |  |           |  |      |  |
|-------------|--|----------------|--|---------------------------------------------------------|--|-----------|--|---------------------------------------|--|---|--|----------------|--|---|--|------------------------------------------------------------------------------------------|--|---|--|--------------|--|-----------|--|------|--|
| mat'l. code |  |                |  | surface<br>ISO 1302 <input checked="" type="checkbox"/> |  |           |  | tolerance<br>ISO 406<br>ISO 1101      |  |   |  | projection<br> |  |   |  | product family<br>58EF                                                                   |  |   |  | CODE<br>JP   |  |           |  |      |  |
| ltr         |  | ecn no         |  | dr                                                      |  | date      |  | tolerances unless otherwise specified |  |   |  | mm<br>         |  |   |  | title<br>0.5mm SPACING FPC<br>CONNECTOR DOCUMENT LIST<br>(Cat. No. : SFV__R-3/4STBE1HLF) |  |   |  |              |  |           |  |      |  |
| A           |  | J11-0011       |  | S.W.                                                    |  | 2011-1-14 |  | angles linear                         |  |   |  |                |  |   |  |                                                                                          |  |   |  |              |  |           |  |      |  |
|             |  |                |  |                                                         |  |           |  |                                       |  |   |  |                |  |   |  | dwg no                                                                                   |  |   |  | sheet 1 of 8 |  |           |  | size |  |
|             |  |                |  |                                                         |  |           |  |                                       |  |   |  |                |  |   |  | 10116954                                                                                 |  |   |  | A4           |  |           |  |      |  |
|             |  |                |  |                                                         |  |           |  |                                       |  |   |  |                |  |   |  | type Product Customer Drawing                                                            |  |   |  |              |  |           |  |      |  |
|             |  |                |  |                                                         |  |           |  |                                       |  |   |  |                |  |   |  |                                                                                          |  |   |  |              |  |           |  |      |  |
| sheet index |  | revision sheet |  | A                                                       |  | A         |  | A                                     |  | A |  | A              |  | A |  | A                                                                                        |  | A |  | A            |  | Rev.<br>A |  |      |  |

form: A4

1

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## List of "SFV\_\_R-3/4STBE1HLF" customer document

| DOCUMENT NO.     | LIST                                                                                        |
|------------------|---------------------------------------------------------------------------------------------|
| 10116954(Sheet1) | DOCUMENT LIST                                                                               |
| 10116954(Sheet2) | CAT.NO.TABLE FOR 0.5mm CONTACT SPACING CONNECTOR (SFV__R-3/4STB_HLF)                        |
| 10116954(Sheet3) | CONNECTOR USED FOR FPC WITH 0.5mm CONTACT SPACING (SFV__R-3STB_HLF)                         |
| 10116954(Sheet4) | CONNECTOR USED FOR FPC WITH 0.5mm CONTACT SPACING (SFV__R-4STB_HLF)                         |
| 10116954(Sheet5) | CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-3/4STBE1HLF) |
| 10116954(Sheet6) | PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-3STBE1HLF)                    |
| 10116954(Sheet7) | PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-4STBE1HLF)                    |
| 10116954(Sheet8) | RECOMMENDED CABLE (FPC) (SFV__R-3/4STB_HLF)                                                 |
| GS-12-0783       | SPEC.                                                                                       |
| BJM-SFV102       | HANDLING PROCEDURES                                                                         |

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## CAT. NO. &amp; DIMENSIONS

| NO. OF CONTACTS (n) | CAT. NO.           | DIMENSIONS (NOTE2) |         |         |         |
|---------------------|--------------------|--------------------|---------|---------|---------|
|                     |                    | A ± 0.2            | B ± 0.2 | C ± 0.1 | D ± 0.1 |
| 4                   | SFV 4R-3/4STB__HLF | 7.5                | 5.9     | 1.5     | 1.6     |
| 5                   | SFV 5R-3/4STB__HLF | 8.0                | 6.4     | 2.0     | 2.1     |
| 6                   | SFV 6R-3/4STB__HLF | 8.5                | 6.9     | 2.5     | 2.6     |
| 7                   | SFV 7R-3/4STB__HLF | 9.0                | 7.4     | 3.0     | 3.1     |
| 8                   | SFV 8R-3/4STB__HLF | 9.5                | 7.9     | 3.5     | 3.6     |
| 9                   | SFV 9R-3/4STB__HLF | 10.0               | 8.4     | 4.0     | 4.1     |
| 10                  | SFV10R-3/4STB__HLF | 10.5               | 8.9     | 4.5     | 4.6     |
| 11                  | SFV11R-3/4STB__HLF | 11.0               | 9.4     | 5.0     | 5.1     |
| 12                  | SFV12R-3/4STB__HLF | 11.5               | 9.9     | 5.5     | 5.6     |
| 13                  | SFV13R-3/4STB__HLF | 12.0               | 10.4    | 6.0     | 6.1     |
| 14                  | SFV14R-3/4STB__HLF | 12.5               | 10.9    | 6.5     | 6.6     |
| 15                  | SFV15R-3/4STB__HLF | 13.0               | 11.4    | 7.0     | 7.1     |
| 16                  | SFV16R-3/4STB__HLF | 13.5               | 11.9    | 7.5     | 7.6     |
| 17                  | SFV17R-3/4STB__HLF | 14.0               | 12.4    | 8.0     | 8.1     |
| 18                  | SFV18R-3/4STB__HLF | 14.5               | 12.9    | 8.5     | 8.6     |
| 19                  | SFV19R-3/4STB__HLF | 15.0               | 13.4    | 9.0     | 9.1     |
| 20                  | SFV20R-3/4STB__HLF | 15.5               | 13.9    | 9.5     | 9.6     |
| 21                  | SFV21R-3/4STB__HLF | 16.0               | 14.4    | 10.0    | 10.1    |
| 22                  | SFV22R-3/4STB__HLF | 16.5               | 14.9    | 10.5    | 10.6    |
| 23                  | SFV23R-3/4STB__HLF | 17.0               | 15.4    | 11.0    | 11.1    |
| 24                  | SFV24R-3/4STB__HLF | 17.5               | 15.9    | 11.5    | 11.6    |
| 25                  | SFV25R-3/4STB__HLF | 18.0               | 16.4    | 12.0    | 12.1    |
| 26                  | SFV26R-3/4STB__HLF | 18.5               | 16.9    | 12.5    | 12.6    |
| 27                  | SFV27R-3/4STB__HLF | 19.0               | 17.4    | 13.0    | 13.1    |
| 28                  | SFV28R-3/4STB__HLF | 19.5               | 17.9    | 13.5    | 13.6    |
| 29                  | SFV29R-3/4STB__HLF | 20.0               | 18.4    | 14.0    | 14.1    |
| 30                  | SFV30R-3/4STB__HLF | 20.5               | 18.9    | 14.5    | 14.6    |
| 31                  | SFV31R-3/4STB__HLF | 21.0               | 19.4    | 15.0    | 15.1    |
| 32                  | SFV32R-3/4STB__HLF | 21.5               | 19.9    | 15.5    | 15.6    |
| 33                  | SFV33R-3/4STB__HLF | 22.0               | 20.4    | 16.0    | 16.1    |
| 34                  | SFV34R-3/4STB__HLF | 22.5               | 20.9    | 16.5    | 16.6    |
| 35                  | SFV35R-3/4STB__HLF | 23.0               | 21.4    | 17.0    | 17.1    |

CAT. NO.

SFV (n) R - 3 ST B \_ \_ \_ HLF

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC,  
WITH CABLE LOCK MECHANISM

CONTACT DIRECTION

3: LOWER CONTACT TYPE

4: UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING  
(SMT)

PLATING VARIATION

PACKAGE STYLE

HALOGEN AND LEAD FREE

## NOTES

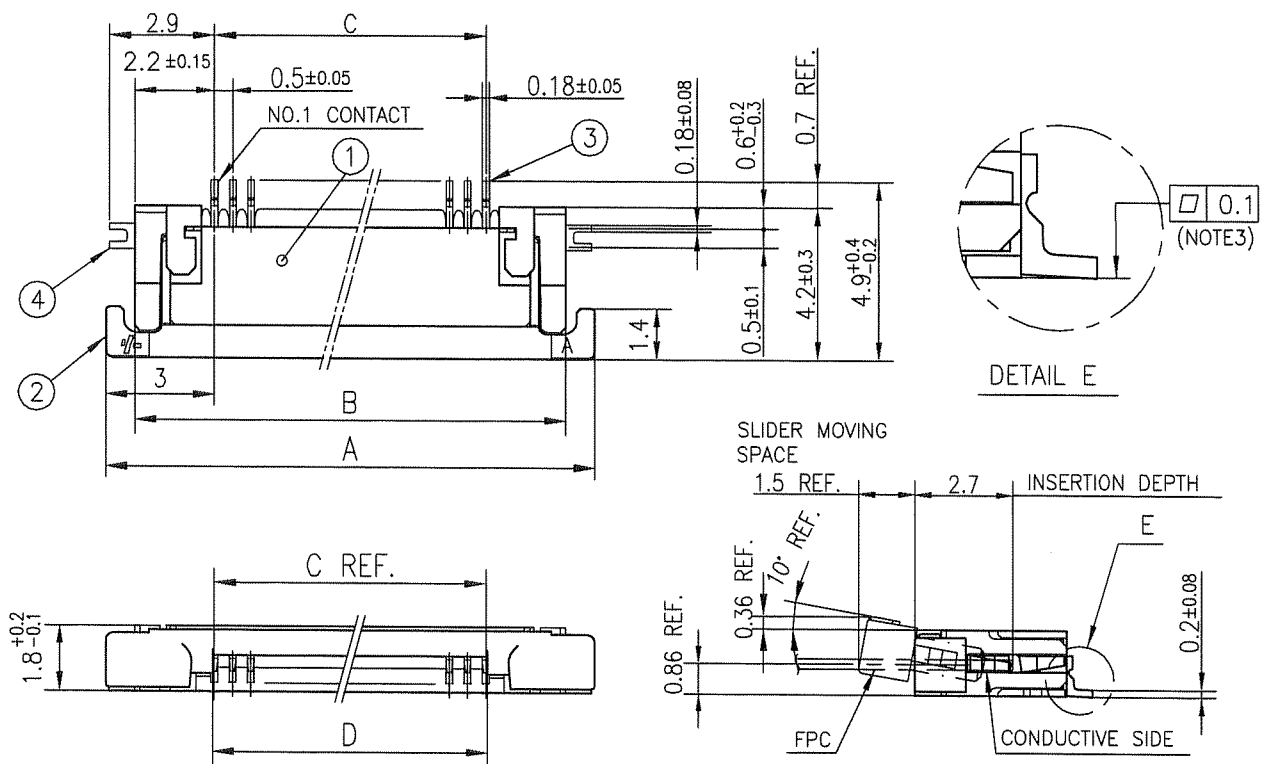
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A~D.
3. THIS PRODUCT IS THE CONNECTOR WITH CABLE LOCK MECHANISM.

|             |        |    |      |                                                                                                                                                                                             |        |                                                                                                |      |                                                                                     |  |         |  |
|-------------|--------|----|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|--|---------|--|
| mat'l. code |        |    |      | surface <input checked="" type="checkbox"/> ISO 1302 <input checked="" type="checkbox"/> tolerance <input checked="" type="checkbox"/> ISO 406 <input checked="" type="checkbox"/> ISO 1101 |        | projection  |      | product family 58EF                                                                 |  | CODE JP |  |
| ltr         | ecn no | dr | date | tolerances unless otherwise specified                                                                                                                                                       |        |             |      | title                                                                               |  |         |  |
| A           |        |    |      | angles                                                                                                                                                                                      | linear | mm                                                                                             |      | CAT. NO. TABLE FOR 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-3/4STB__HLF) |  |         |  |
|             |        |    |      |                                                                                                                                                                                             |        | scale $\propto$                                                                                |      | dwg no sheet 2 of 8 size                                                            |  |         |  |
|             |        |    |      | dr                                                                                                                                                                                          | engr   | chr                                                                                            | appd | 10116954                                                                            |  | A4      |  |
| sheet index |        |    |      | revision sheet                                                                                                                                                                              |        |                                                                                                |      | type Product Customer Drawing                                                       |  |         |  |
|             |        |    |      |                                                                                                                                                                                             |        |                                                                                                |      | Rev. A                                                                              |  |         |  |

form: A4

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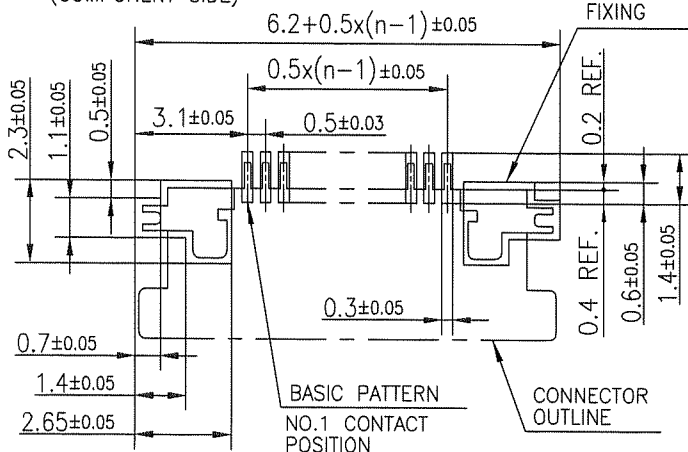


| PT. NO. | PARTS NAME     | MATERIAL                                             | Q'TY | NOTE                         |
|---------|----------------|------------------------------------------------------|------|------------------------------|
| 1       | HOUSING        | 13~35pin : LCP RESIN GLASS REINFORCED (UL94V-0)      | 1    | COLOR : BLACK (HALOGEN FREE) |
|         |                | 4~12pin : POLYAMIDE RESIN GLASS REINFORCED (UL94V-0) |      |                              |
| 2       | SLIDER         | PPS RESIN GLASS REINFORCED (UL94V-0)                 | 1    | COLOR : GRAY (HALOGEN FREE)  |
| 3       | CONTACT        | PHOSPHOR BRONZE                                      | n    | PLATING : GOLD               |
| 4       | MOUNTING PLATE |                                                      | 2    | PLATING : MATTE TIN          |

RECOMMENDED PC BOARD LAYOUT  
(COMPONENT SIDE)

PATTERN FOR  
MOUNTING PLATE  
FIXING

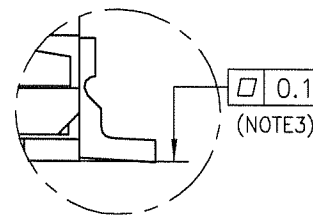
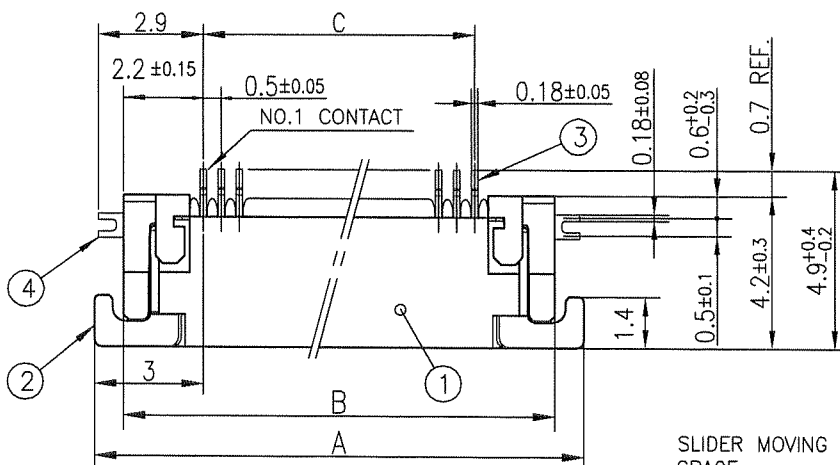
n : NO. OF CONTACTS



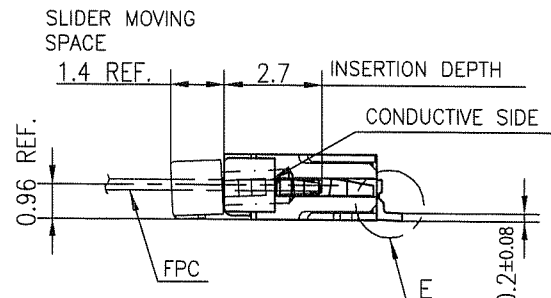
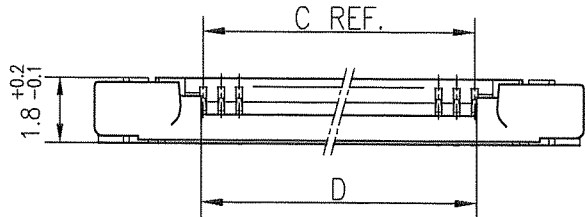
NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPS WITH AUTOMATIC MOUNTING (SMT).
2. THIS PRODUCT IS LOWER CONTACT TYPE CONNECTOR WITH CABLE LOCK MECHANISM.
3. FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE MUST BE WITHIN TOLERANCE IN E PORTION DETAILED DRAWING.
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<br>ISO 1302 |  | tolerance<br>ISO 406<br>ISO 1101 |  | projection<br>mm |  | product family<br>58EF                                                                          |  | CODE<br>JP         |  |
| ltr         |  |  |  | ecn no              |  | dr                               |  | date             |  | title<br>CONNECTOR USED FOR FPC<br>WITH 0.5 mm CONTACT SPACING<br>(Cat. No. : SFV__R-3STB__HLF) |  | dwg no<br>10116954 |  |
| A           |  |  |  |                     |  |                                  |  |                  |  | sheet 3 of 8                                                                                    |  | size<br>A4         |  |
|             |  |  |  | angles              |  | linear                           |  | scale            |  | type<br>Product Customer Drawing                                                                |  | Rev.<br>A          |  |
| sheet index |  |  |  | revision sheet      |  | dr                               |  | engr             |  | chr                                                                                             |  | appd               |  |
|             |  |  |  |                     |  |                                  |  |                  |  |                                                                                                 |  |                    |  |



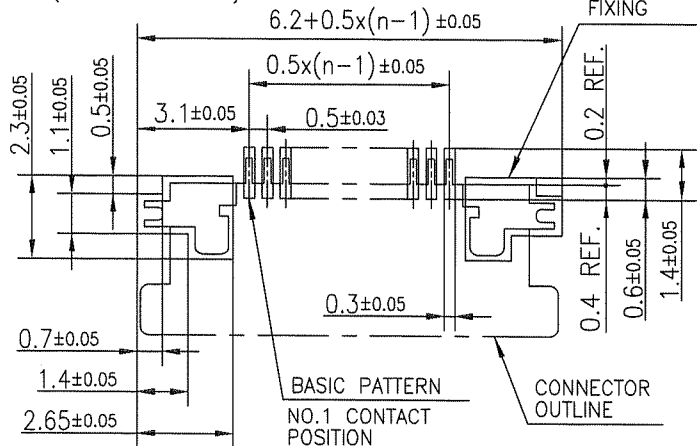
DETAIL E



| PT. NO. | PARTS NAME     | MATERIAL                                             | Q'TY | NOTE                         |
|---------|----------------|------------------------------------------------------|------|------------------------------|
| 1       | HOUSING        | 13~35pin : LCP RESIN GLASS REINFORCED (UL94V-0)      | 1    | COLOR : BLACK (HALOGEN FREE) |
|         |                | 4~12pin : POLYAMIDE RESIN GLASS REINFORCED (UL94V-0) |      |                              |
| 2       | SLIDER         | PPS RESIN GLASS REINFORCED (UL94V-0)                 | 1    | COLOR : GRAY (HALOGEN FREE)  |
| 3       | CONTACT        | PHOSPHOR BRONZE                                      | n    | PLATING : GOLD WITH Ni DAM   |
| 4       | MOUNTING PLATE |                                                      | 2    | PLATING : MATTE TIN          |

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT  
(COMPONENT SIDE)



NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPS WITH AUTOMATIC MOUNTING (SMT).
2. THIS PRODUCT IS UPPER CONTACT TYPE CONNECTOR WITH CABLE LOCK MECHANISM.
3. FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE MUST BE WITHIN TOLERANCE IN E PORTION DETAILED DRAWING.
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<br>ISO 1302 ✓                 | tolerance<br>ISO 406<br>ISO 1101 | projection<br> | product family<br>58EF                                                                          | CODE<br>JP |
| ltr         | ecn no         | dr | date | tolerances unless otherwise specified |                                  | mm<br>         | title<br>CONNECTOR USED FOR FPC<br>WITH 0.5 mm CONTACT SPACING<br>(Cat. No. : SFV__R-4STB__HLF) |            |
| A           |                |    |      | angles                                | linear ±0.2                      |                |                                                                                                 |            |
|             |                |    |      | dr                                    | S. Watanabe                      | 2011-1-14      | dwg no<br>10116954                                                                              |            |
|             |                |    |      | enrg                                  | S. Watanabe                      | 2011-1-14      |                                                                                                 |            |
|             |                |    |      | chr                                   | Y. Kamada                        | 2011-1-14      | type Product Customer Drawing                                                                   |            |
|             |                |    |      | appd                                  | M. Kimura                        | 2011-1-14      |                                                                                                 |            |
| sheet index | revision sheet |    |      |                                       |                                  |                | size<br>A4                                                                                      |            |
|             |                |    |      |                                       |                                  |                |                                                                                                 |            |
|             |                |    |      |                                       |                                  |                | Rev.<br>A                                                                                       |            |
|             |                |    |      |                                       |                                  |                |                                                                                                 |            |

## CAT. NO. &amp; DIMENSIONS

| NO. OF CONTACTS (n) | CAT. NO.           | DIMENSIONS (NOTE3) |         |         |
|---------------------|--------------------|--------------------|---------|---------|
|                     |                    | F ± 5              | G ± 0.3 | H ± 0.1 |
| 4                   | SFV 4R-3/4STBE1HLF | 20.4               | 16      | —       |
| 5                   | SFV 5R-3/4STBE1HLF | 20.4               | 16      | —       |
| 6                   | SFV 6R-3/4STBE1HLF | 20.4               | 16      | —       |
| 7                   | SFV 7R-3/4STBE1HLF | 28.4               | 24      | —       |
| 8                   | SFV 8R-3/4STBE1HLF | 28.4               | 24      | —       |
| 9                   | SFV 9R-3/4STBE1HLF | 28.4               | 24      | —       |
| 10                  | SFV10R-3/4STBE1HLF | 28.4               | 24      | —       |
| 11                  | SFV11R-3/4STBE1HLF | 28.4               | 24      | —       |
| 12                  | SFV12R-3/4STBE1HLF | 28.4               | 24      | —       |
| 13                  | SFV13R-3/4STBE1HLF | 28.4               | 24      | —       |
| 14                  | SFV14R-3/4STBE1HLF | 28.4               | 24      | —       |
| 15                  | SFV15R-3/4STBE1HLF | 28.4               | 24      | —       |
| 16                  | SFV16R-3/4STBE1HLF | 28.4               | 24      | —       |
| 17                  | SFV17R-3/4STBE1HLF | 28.4               | 24      | —       |
| 18                  | SFV18R-3/4STBE1HLF | 28.4               | 24      | —       |
| 19                  | SFV19R-3/4STBE1HLF | 28.4               | 24      | —       |
| 20                  | SFV20R-3/4STBE1HLF | 28.4               | 24      | —       |
| 21                  | SFV21R-3/4STBE1HLF | 28.4               | 24      | —       |
| 22                  | SFV22R-3/4STBE1HLF | 28.4               | 24      | —       |
| 23                  | SFV23R-3/4STBE1HLF | 36.4               | 32      | 28.4    |
| 24                  | SFV24R-3/4STBE1HLF | 36.4               | 32      | 28.4    |
| 25                  | SFV25R-3/4STBE1HLF | 36.4               | 32      | 28.4    |
| 26                  | SFV26R-3/4STBE1HLF | 36.4               | 32      | 28.4    |
| 27                  | SFV27R-3/4STBE1HLF | 36.4               | 32      | 28.4    |
| 28                  | SFV28R-3/4STBE1HLF | 36.4               | 32      | 28.4    |
| 29                  | SFV29R-3/4STBE1HLF | 36.4               | 32      | 28.4    |
| 30                  | SFV30R-3/4STBE1HLF | 36.4               | 32      | 28.4    |
| 31                  | SFV31R-3/4STBE1HLF | 48.4               | 44      | 40.4    |
| 32                  | SFV32R-3/4STBE1HLF | 48.4               | 44      | 40.4    |
| 33                  | SFV33R-3/4STBE1HLF | 48.4               | 44      | 40.4    |
| 34                  | SFV34R-3/4STBE1HLF | 48.4               | 44      | 40.4    |
| 35                  | SFV35R-3/4STBE1HLF | 48.4               | 44      | 40.4    |

CAT. NO.

SFV (n) R - 3 ST B E1 HLF

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC,  
WITH CABLE LOCK MECHANISM

CONTACT DIRECTION

3: LOWER CONTACT TYPE

4: UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING  
(SMT)

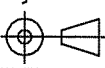
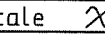
PLATING VARIATION

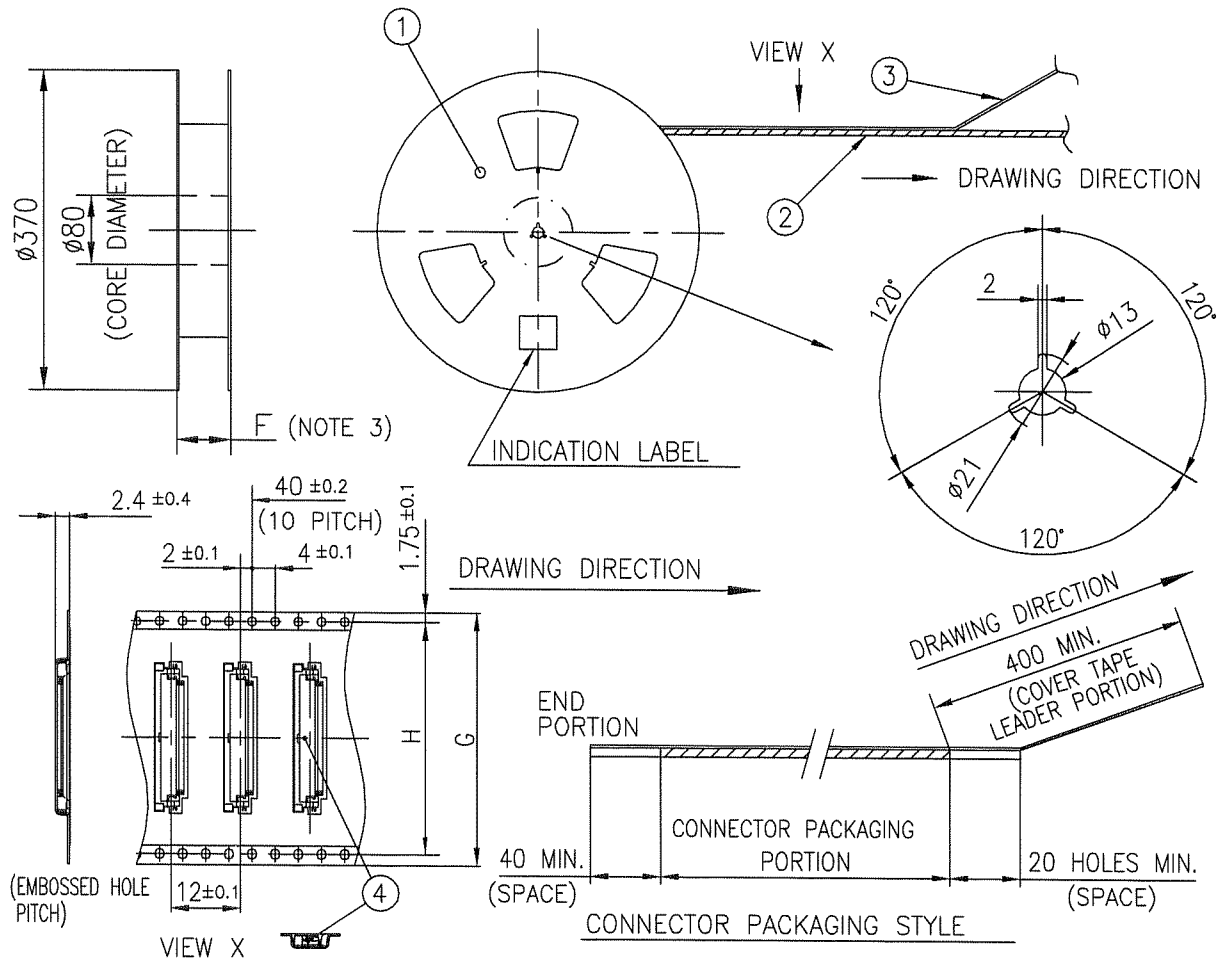
PACKAGE STYLE

HALOGEN FREE AND LEAD FREE

## NOTES

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

|             |  |                |  |                                                      |  |                                                                                                       |  |                                                                                                |  |                     |  |                                                                                           |  |                      |  |
|-------------|--|----------------|--|------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------|--|---------------------|--|-------------------------------------------------------------------------------------------|--|----------------------|--|
| mat'l. code |  |                |  | surface <input checked="" type="checkbox"/> ISO 1302 |  | tolerance <input checked="" type="checkbox"/> ISO 406<br><input checked="" type="checkbox"/> ISO 1101 |  | projection  |  | product family 58EF |  | CODE JP                                                                                   |  |                      |  |
| ltr         |  |                |  | ecn no                                               |  |                                                                                                       |  | dr                                                                                             |  |                     |  | date                                                                                      |  |                      |  |
| A           |  |                |  |                                                      |  |                                                                                                       |  |                                                                                                |  |                     |  |                                                                                           |  |                      |  |
|             |  |                |  | angles                                               |  |                                                                                                       |  | linear                                                                                         |  |                     |  | mm                                                                                        |  |                      |  |
|             |  |                |  |                                                      |  |                                                                                                       |  |                                                                                                |  |                     |  | scale  |  |                      |  |
|             |  |                |  | dr                                                   |  |                                                                                                       |  | S. H. T. / 2011-1-14                                                                           |  |                     |  |        |  |                      |  |
|             |  |                |  | enrg                                                 |  |                                                                                                       |  | S. H. T. / 2011-1-14                                                                           |  |                     |  |                                                                                           |  |                      |  |
|             |  |                |  | chr                                                  |  |                                                                                                       |  | V. R. M. / 2011-1-14                                                                           |  |                     |  |                                                                                           |  |                      |  |
|             |  |                |  | appd                                                 |  |                                                                                                       |  | M. C. M. / Jan 4/11                                                                            |  |                     |  |                                                                                           |  |                      |  |
| sheet index |  | revision sheet |  |                                                      |  |                                                                                                       |  |                                                                                                |  |                     |  | dwg no 10116954                                                                           |  | sheet 5 of 8 size A4 |  |
|             |  |                |  |                                                      |  |                                                                                                       |  |                                                                                                |  |                     |  | type Product Customer Drawing                                                             |  | Rev. A               |  |

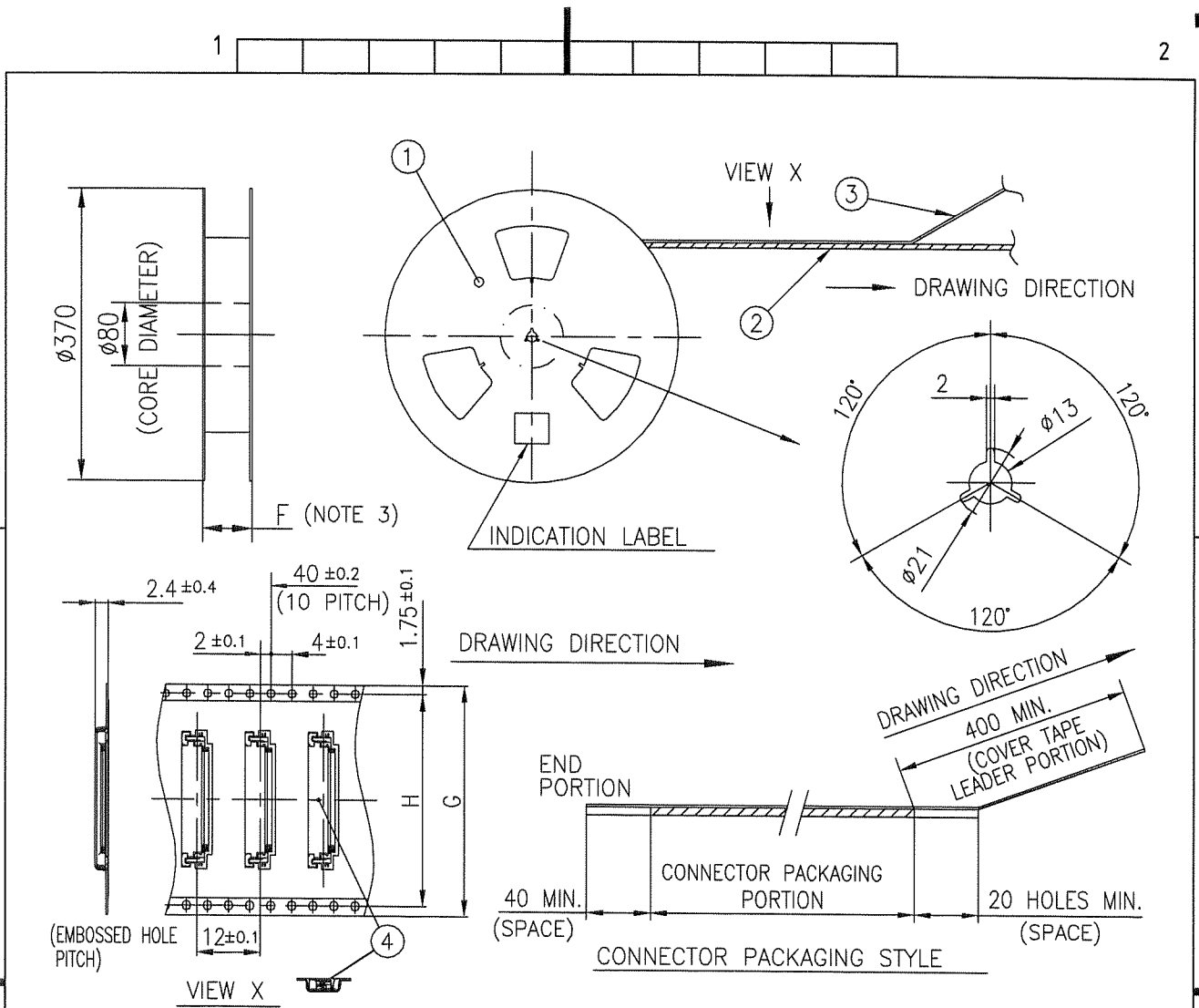


| PT. NO. | PARTS NAME            | CAT. NO.         | MATERIAL          | Q'TY  | NOTE                                         |
|---------|-----------------------|------------------|-------------------|-------|----------------------------------------------|
| 1       | REEL                  | _____            | CARDBOARD         | 1     | COLOR : WHITE                                |
| 2       | PLASTIC (EMBOSS) TAPE | _____            | A-PET             | _____ | COLOR : TRANSPARENCY                         |
| 3       | COVER                 | _____            | POLYESTER         | _____ | COLO : TRANSPARENCY                          |
| 4       | CONNECTOR             | SFV__R-3STB__HLF | SEE ATTACHED DWG. | 3000  | LOWER CONTACT TYPE WITH CABLE LOCK MECHANISM |

## NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR 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 (EMBOSS) TAPE AND REEL.
3. F DIMENSION IS PORTION OF THE CORE.

|             |  |                |  |                                                                                                                     |  |            |  |                     |  |                                                                                            |  |
|-------------|--|----------------|--|---------------------------------------------------------------------------------------------------------------------|--|------------|--|---------------------|--|--------------------------------------------------------------------------------------------|--|
| mat'l. code |  |                |  | surface <input checked="" type="checkbox"/> ISO 1302 <input checked="" type="checkbox"/> tolerance ISO 406 ISO 1101 |  | projection |  | product family 58EF |  | CODE JP                                                                                    |  |
| ltr         |  |                |  | ecn no                                                                                                              |  | dr         |  | date                |  | title                                                                                      |  |
| A           |  |                |  |                                                                                                                     |  |            |  |                     |  | PLASTIC TAPE PACKAGED<br>0.5 mm CONTACT SPACING CONNECTOR<br>(Cat. No. : SFV__R-3STBE1HLF) |  |
|             |  |                |  | angles                                                                                                              |  | linear     |  | mm                  |  | dwg no                                                                                     |  |
|             |  |                |  | ±5'                                                                                                                 |  |            |  | scale               |  | sheet 6 of 8                                                                               |  |
|             |  |                |  | dr                                                                                                                  |  | 2011-1-14  |  |                     |  | size                                                                                       |  |
|             |  |                |  | enr                                                                                                                 |  | 2011-1-14  |  |                     |  | A4                                                                                         |  |
|             |  |                |  | chr                                                                                                                 |  | 2011-1-14  |  |                     |  | 10116954                                                                                   |  |
|             |  |                |  | appd                                                                                                                |  | Jamil (11) |  |                     |  | type Product Customer Drawing                                                              |  |
| sheet index |  | revision sheet |  |                                                                                                                     |  |            |  |                     |  | Rev. A                                                                                     |  |



| PT. NO. | PARTS NAME            | CAT. NO.         | MATERIAL          | Q'TY | NOTE                                         |
|---------|-----------------------|------------------|-------------------|------|----------------------------------------------|
| 1       | REEL                  | _____            | CARDBOARD         | 1    | COLOR : WHITE                                |
| 2       | PLASTIC (EMBOSS) TAPE | _____            | A--PET            | ---  | COLOR : TRANSPARENCY                         |
| 3       | COVER                 | _____            | POLYESTER         | ---  | COLOR : TRANSPARENCY                         |
| 4       | CONNECTOR             | SFV__R-4STB__HLF | SEE ATTACHED DWG. | 3000 | UPPER CONTACT TYPE WITH CABLE LOCK MECHANISM |

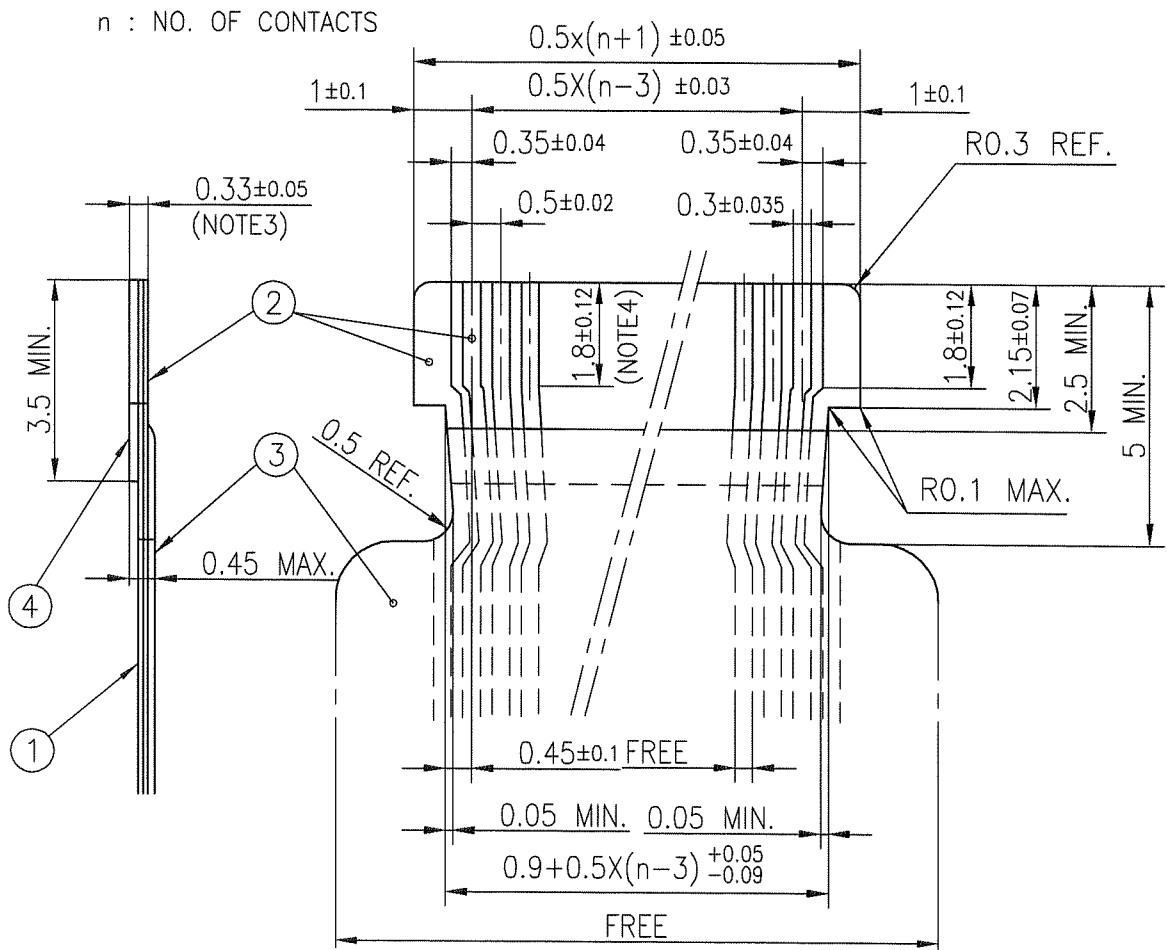
#### NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC 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.
- F 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>58EF                                                                              | CODE<br>JP |
| ltr         | ecn no         | dr | date | tolerances, unless otherwise specified |                                  | mm               | title<br>PLASTIC TAPE PACKAGED<br>0.5 mm CONTACT SPACING CONNECTOR<br>(Cat. No. : SFV__R-4STBE1HLF) |            |
| A           |                |    |      | angles                                 | linear                           | mm               | dwg no<br>10116954                                                                                  |            |
|             |                |    |      | ±5'                                    |                                  | scale            | sheet 7 of 8 size<br>A4                                                                             |            |
|             |                |    |      | dr                                     | enr                              | chr              | type Product Customer Drawing                                                                       |            |
|             |                |    |      | appd                                   |                                  |                  | Rev.<br>A                                                                                           |            |
| sheet index | revision sheet |    |      |                                        |                                  |                  |                                                                                                     |            |

form: A4

# RECOMMENDED CABLE (FPC)



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

## NOTES

1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.
3. TOTAL THICKNESS LIMIT OF EACH MATERIAL (INCLUDING ADHESIVE AGENT) IS SPECIFIED.
4. THIS DIMENSION INDICATES THE RANGE FOR  $0.3 \pm 0.035$  CONDUCTOR WIDTH.

|             |  |                |  |                                                                                                                                               |  |                                                                                                                                                 |  |                                                |  |                                 |  |                          |  |
|-------------|--|----------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------|--|---------------------------------|--|--------------------------|--|
| mat'l. code |  |                |  | surface <input checked="" type="checkbox"/> ISO 1302 <input checked="" type="checkbox"/> ISO 406 <input checked="" type="checkbox"/> ISO 1101 |  | tolerance <input checked="" type="checkbox"/> ISO 1302 <input checked="" type="checkbox"/> ISO 406 <input checked="" type="checkbox"/> ISO 1101 |  | projection <input checked="" type="checkbox"/> |  | product family 58EF             |  | CODE JP                  |  |
| ltr         |  |                |  | ecn no                                                                                                                                        |  | dr                                                                                                                                              |  | date                                           |  | title                           |  | RECOMMENDED CABLE        |  |
| A           |  |                |  |                                                                                                                                               |  |                                                                                                                                                 |  |                                                |  | (Cat. No. : SFV__R-3/4STB__HLF) |  |                          |  |
|             |  |                |  | angles                                                                                                                                        |  | linear                                                                                                                                          |  | mm                                             |  | scale                           |  | X                        |  |
|             |  |                |  | dr                                                                                                                                            |  | S. Hattori                                                                                                                                      |  | 2011-1-14                                      |  | dwg no                          |  | sheet 8 of 8             |  |
|             |  |                |  | enrg                                                                                                                                          |  | S. Hattori                                                                                                                                      |  | 2011-1-14                                      |  | 10116954                        |  | size A4                  |  |
|             |  |                |  | chr                                                                                                                                           |  | Y. Yamada                                                                                                                                       |  | 2011-1-14                                      |  | type                            |  | Product Customer Drawing |  |
|             |  |                |  | appd                                                                                                                                          |  | M. Hattori                                                                                                                                      |  | 2011-1-14                                      |  |                                 |  |                          |  |
| sheet index |  | revision sheet |  |                                                                                                                                               |  |                                                                                                                                                 |  |                                                |  |                                 |  | Rev. A                   |  |