List of "SFV__R-1/2STE1LF" customer document

LIST

DOCUMENT NO.	LIST
SC-SFV03	SPEC.
JSA96144	CAT.NO.TABLE FOR 0.5mm CONTACT SPACING CONNECTOR (SFV__R-1/2ST_LF)
JSA96145	CONNECTOR USED FOR FPC/FFC WITH 0.5mm CONTACT SPACING (SFV__R-1ST_LF)
JSA96146	CONNECTOR USED FOR FPC/FFC WITH 0.5mm CONTACT SPACING (SFV__R-2ST_LF)
JSA96147	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-1/2STE1LF)
JSA96148	PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-1STE1LF)
JSA96149	PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-2STE1LF)
JSA92456	RECOMMENDED CABLE (FPC) (SFV__R-1/2ST_)
JSA92457	RECOMMENDED CABLE (FFC) (SFV__R-1/2ST_)
BJM-SFV101	HANDLING PROCEDURES

mat'l. code				surface / ISO 1302 ∨	tolerance ISO 406 ISO 1101	projection ⊕ ◁	product family 58EF

ltr	ecn no	dr	date	tolerances unless otherwise specified
A	J04-0462	H.T	'04/12/17	
B	J05-0227	H.T	'05/4/14	angles
C	J06-0372	H.T	'06/9/7	linear

title
0.5mm SPACING FPC/FFC
CONNECTOR DOCUMENT LIST
(Cat. No. : SFV__R-1/2STE1LF)

scale X

dr	H.Tototoro	9/7/06
engr	H.Tototoro	9/7/06
chr	R. Shouji	9/8/06
appd	S.Kudai	9/11/06

FCI

dwg no   sheet 1 of 1   size
JSA 96143   A4

type Product Customer Drawing

Rev. C

| sheet index | revision sheet | C |
| | | 1 |

form: A4

PDM: Rev:C   STATUS:Released   Printed: Dec 18, 2007

CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE2)			
		A ± 0.2	B ± 0.2	C ± 0.1	D ± 0.1
4	SFV4R-1/2ST__LF	7.5	5.9	1.5	2.7
5	SFV5R-1/2ST__LF	8.0	6.4	2.0	3.2
6	SFV6R-1/2ST__LF	8.5	6.9	2.5	3.7
7	SFV7R-1/2ST__LF	9.0	7.4	3.0	4.2
8	SFV8R-1/2ST__LF	9.5	7.9	3.5	4.7
9	SFV9R-1/2ST__LF	10.0	8.4	4.0	5.2
10	SFV10R-1/2ST__LF	10.5	8.9	4.5	5.7
11	SFV11R-1/2ST__LF	11.0	9.4	5.0	6.2
12	SFV12R-1/2ST__LF	11.5	9.9	5.5	6.7
13	SFV13R-1/2ST__LF	12.0	10.4	6.0	7.2
14	SFV14R-1/2ST__LF	12.5	10.9	6.5	7.7
15	SFV15R-1/2ST__LF	13.0	11.4	7.0	8.2
16	SFV16R-1/2ST__LF	13.5	11.9	7.5	8.7
17	SFV17R-1/2ST__LF	14.0	12.4	8.0	9.2
18	SFV18R-1/2ST__LF	14.5	12.9	8.5	9.7
19	SFV19R-1/2ST__LF	15.0	13.4	9.0	10.2
20	SFV20R-1/2ST__LF	15.5	13.9	9.5	10.7
21	SFV21R-1/2ST__LF	16.0	14.4	10.0	11.2
22	SFV22R-1/2ST__LF	16.5	14.9	10.5	11.7
23	SFV23R-1/2ST__LF	17.0	15.4	11.0	12.2
24	SFV24R-1/2ST__LF	17.5	15.9	11.5	12.7
25	SFV25R-1/2ST__LF	18.0	16.4	12.0	13.2
26	SFV26R-1/2ST__LF	18.5	16.9	12.5	13.7
27	SFV27R-1/2ST__LF	19.0	17.4	13.0	14.2
28	SFV28R-1/2ST__LF	19.5	17.9	13.5	14.7
29	SFV29R-1/2ST__LF	20.0	18.4	14.0	15.2
30	SFV30R-1/2ST__LF	20.5	18.9	14.5	15.7
31	SFV31R-1/2ST__LF	21.0	19.4	15.0	16.2
32	SFV32R-1/2ST__LF	21.5	19.9	15.5	16.7
33	SFV33R-1/2ST__LF	22.0	20.4	16.0	17.2
34	SFV34R-1/2ST__LF	22.5	20.9	16.5	17.7
35	SFV35R-1/2ST__LF	23.0	21.4	17.0	18.2

CAT. NO.   SFV (n) R - 1 ST __ LF

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC/FFC, CONTACT DIRECTION

   1. LOWER CONTACT TYPE
   2. UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING (SMT)

PACKAGE STYLE

LEAD FREE

NOTES
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
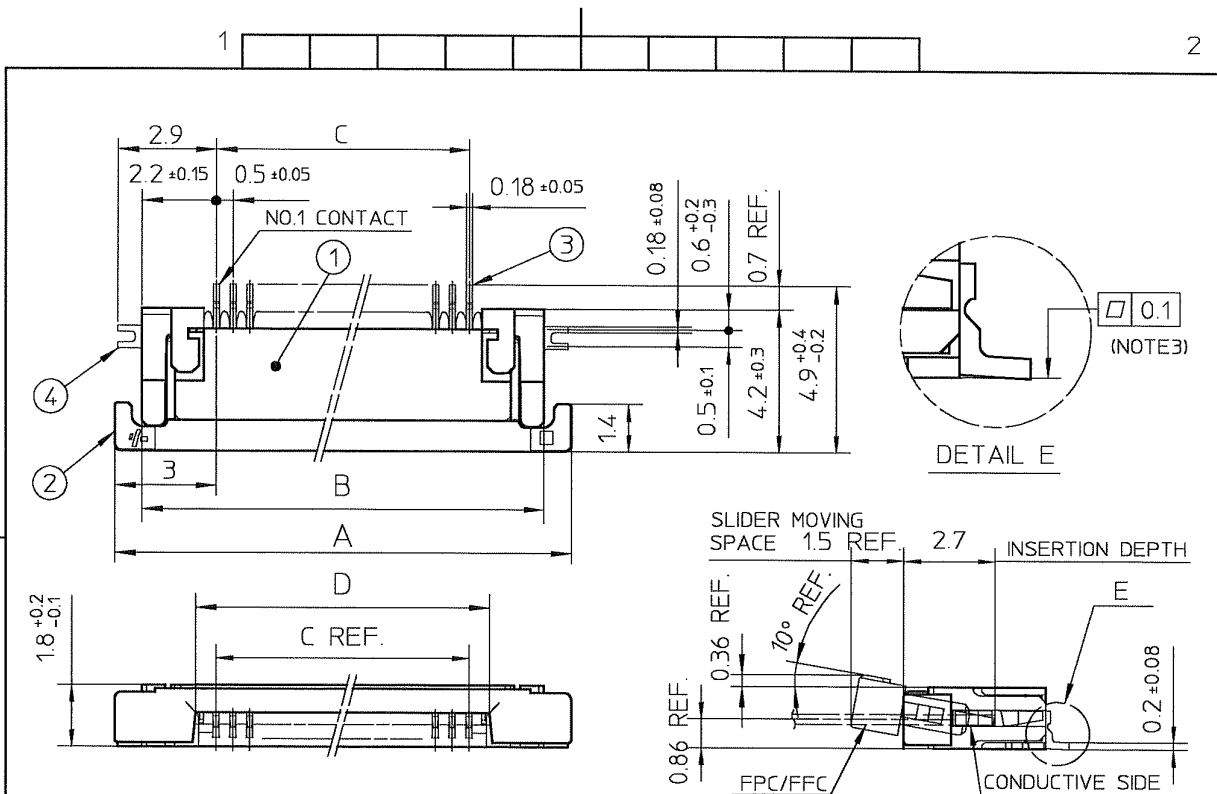2. SEE PART DRAWINGS FOR DIMENSIONS A-D.

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family 58EF	
ltr	ecn no	dr	date	tolerances unless otherwise specified			title CAT. NO. TABLE FOR 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-1/2ST__LF)	
A	J04-0462	H.T	'04/12/17	angles	linear			
B	J05-0227	H.T	'05/4/14					
C	J06-0372	H.T	'06/9/7			scale X		

dr		9/7/06		dwg no	sheet 1of1	size
engr		9/7/06		JSA 96144		A4
chr	R.Shouji	9/8/06				
appd	S.Aodai	9/11/06		type Product Customer Drawing		Rev. C

sheet	revision	C
index	sheet	1

SC-SFV03 JSA96145, 96146, 96147, 96148, 96149, 92456, 92457
form: A4

PDM: Rev:C   STATUS:Released   Printed: Dec 18, 2007

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Dimensions (top view)

2.9
2.2 ±0.15
0.5 ±0.05
C
NO.1 CONTACT
①
③
0.18 ±0.05
0.18 ±0.08
0.6 +0.2 -0.3
0.7 REF.
0.5 ±0.1
4.2 ±0.3
4.9 +0.4 -0.2
④
②
1.4
3
B
A
1.8 +0.2 -0.1
D
C REF.

DETAIL E

☐ 0.1
(NOTE3)

SLIDER MOVING SPACE 1.5 REF.   2.7   INSERTION DEPTH
0.36 REF.
10° REF.
E
0.86 REF.
FPC/FFC
CONDUCTIVE SIDE
0.2 ±0.08

PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	POLYAMIDE 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 PURE TIN Ni UNDER PLATED (LEAD FREE)
4	MOUNTING PLATE		2	

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)

PATTERN FOR MOUNTING PLATE FIXING

6.2+0.5 × (n-1) ±0.05
0.5 × (n-1) ±0.05
0.2 REF.
2.3 ±0.05
1.1 ±0.05
0.5 ±0.05
3.1 ±0.05
0.5 ±0.03
0.3 ±0.05
0.4 REF.
0.6 ±0.05
1.4 ±0.05
0.7 ±0.05
1.4 ±0.05
2.65 ±0.05
BASIC PATTERN
NO.1 CONTACT POSITION
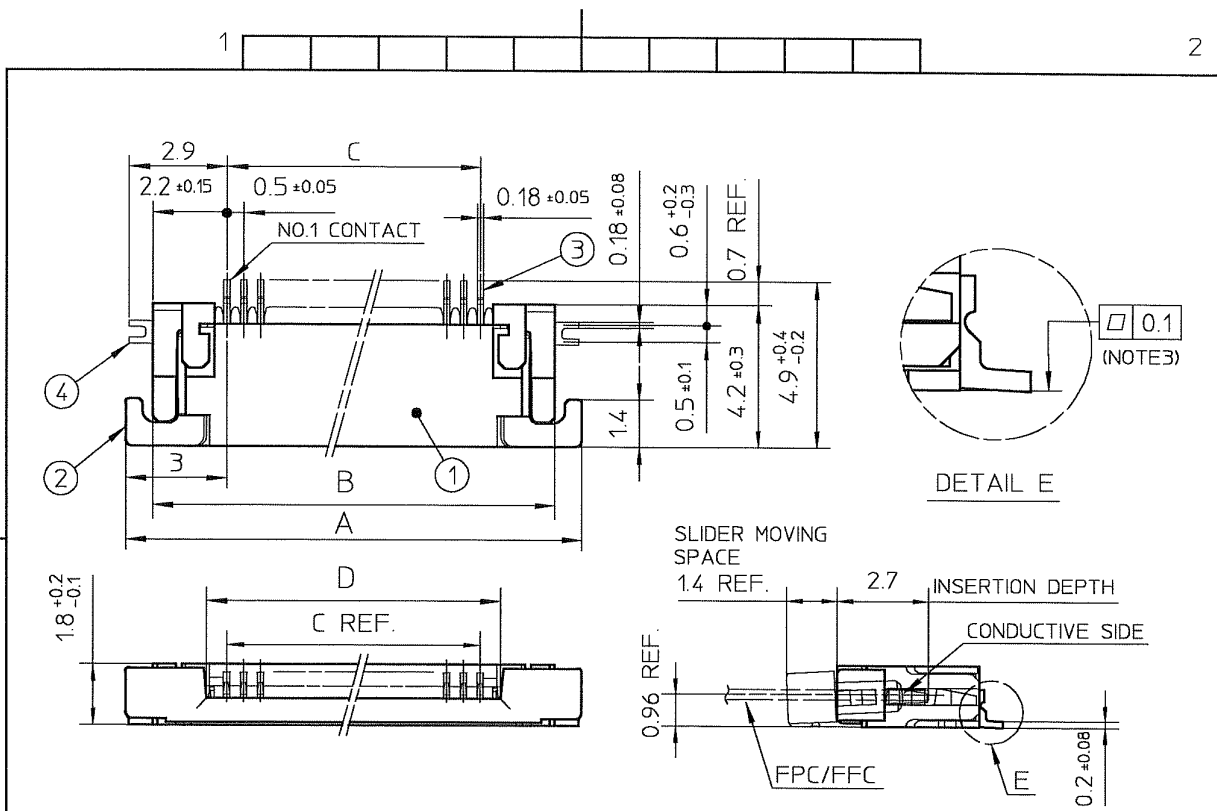CONNECTOR OUTLINE

NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. THIS PRODUCT IS LOWER CONTACT TYPE CONNECTOR.
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℃ PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

mat'l. code				surface ISO 1302 ∇	tolerance ISO 406 ISO 1101	projection	product family	58EF

ltr	ecn no	dr	date	tolerances unless otherwise specified		
A	J04-0462	H.T	'04/12/17	angles	linear	±0.2
B	J05-0227	H.T	'05/4/14			
C	J05-0710	H.T	'05/10/21			
D	J06-0064	H.T	'06/2/23	dr		9/7/06
E	J06-0372	H.T	'06/9/7	engr		9/7/06
				chr	R. Shoyt	9/8/06
				appd	S. Nadar	9/11/06

scale ✗

title
CONNECTOR USED FOR FPC/FFC WITH 0.5 mm CONTACT SPACING (Cat No. : SFV__R-1ST__LF)

dwg no   sheet 1of 1   size
JSA 96145   A4

type Product Customer Drawing

sheet	revision	E
index	sheet	1

Rev. E

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form: A4

1 2

DETAIL E

NO.1 CONTACT

SLIDER MOVING SPACE
1.4 REF.
2.7
INSERTION DEPTH
CONDUCTIVE SIDE
0.96 REF.
FPC/FFC
E
0.2 ±0.08

□ 0.1
(NOTE3)

PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	POLYAMIDE 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 PURE TIN Ni UNDER PLATED (LEAD FREE)
4	MOUNTING PLATE		2	

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)

PATTERN FOR
MOUNTING PLATE
FIXING

$6.2+0.5 \times (n-1) \pm 0.05$
$0.5 \times (n-1) \pm 0.05$
3.1 ±0.05
0.5 ±0.03
2.3 ±0.05
1.1 ±0.05
0.5 ±0.05
0.3 ±0.05
0.7 ±0.05
1.4 ±0.05
2.65 ±0.05
0.2 REF.
0.4 REF.
0.6 ±0.05
1.4 ±0.05

BASIC PATTERN
NO.1 CONTACT
POSITION

CONNECTOR
OUTLINE

NOTES
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. THIS PRODUCT IS UPPER CONTACT TYPE CONNECTOR.
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℃ PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

2.9
2.2 ±0.15
0.5 ±0.05
0.18 ±0.05
0.18 ±0.08
$0.6^{+0.2}_{-0.3}$
0.7 REF.
0.5 ± 0.1
$4.2^{+0.3}$
$4.9^{+0.4}_{-0.2}$
1.4
C
A
B
D
C REF.
$1.8^{+0.2}_{-0.1}$

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family	58EF

ltr	ecn no	dr	date	tolerances unless otherwise specified			title
A	J04-0462	H.T	'04/12/17	angles	linear	±0.2	CONNECTOR USED FOR FPC/FFC WITH 0.5 mm CONTACT SPACING (Cat. No. : SFV__R-2ST__LF)
B	J05-0227	H.T	'05/4/14				
C	J05-0710	H.T	'05/10/21	scale	X		
D	J06-0064	H.T	'06/2/23	dr		9/7/'06	dwg no sheet 1 of 1 size
E	J06-0372	H.T	'06/9/7	engr		9/7/06	JSA 96146 A4
				chr	R. Shoya	9/8/06	
				appd	S. Uudon	9/11/06	type Product Customer Drawing

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form: A4

1

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CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE3)		
		F ± 5	G ± 0.3	H ± 0.1
4	SFV4R-1/2STE1LF	20.4	16	——
5	SFV5R-1/2STE1LF	20.4	16	——
6	SFV6R-1/2STE1LF	20.4	16	——
7	SFV7R-1/2STE1LF	28.4	24	——
8	SFV8R-1/2STE1LF	28.4	24	——
9	SFV9R-1/2STE1LF	28.4	24	——
10	SFV10R-1/2STE1LF	28.4	24	——
11	SFV11R-1/2STE1LF	28.4	24	——
12	SFV12R-1/2STE1LF	28.4	24	——
13	SFV13R-1/2STE1LF	28.4	24	——
14	SFV14R-1/2STE1LF	28.4	24	——
15	SFV15R-1/2STE1LF	28.4	24	——
16	SFV16R-1/2STE1LF	28.4	24	——
17	SFV17R-1/2STE1LF	28.4	24	——
18	SFV18R-1/2STE1LF	28.4	24	——
19	SFV19R-1/2STE1LF	28.4	24	——
20	SFV20R-1/2STE1LF	28.4	24	——
21	SFV21R-1/2STE1LF	28.4	24	——
22	SFV22R-1/2STE1LF	28.4	24	——
23	SFV23R-1/2STE1LF	36.4	32	28.4
24	SFV24R-1/2STE1LF	36.4	32	28.4
25	SFV25R-1/2STE1LF	36.4	32	28.4
26	SFV26R-1/2STE1LF	36.4	32	28.4
27	SFV27R-1/2STE1LF	36.4	32	28.4
28	SFV28R-1/2STE1LF	36.4	32	28.4
29	SFV29R-1/2STE1LF	36.4	32	28.4
30	SFV30R-1/2STE1LF	36.4	32	28.4
31	SFV31R-1/2STE1LF	48.4	44	40.4
32	SFV32R-1/2STE1LF	48.4	44	40.4
33	SFV33R-1/2STE1LF	48.4	44	40.4
34	SFV34R-1/2STE1LF	48.4	44	40.4
35	SFV35R-1/2STE1LF	48.4	44	40.4
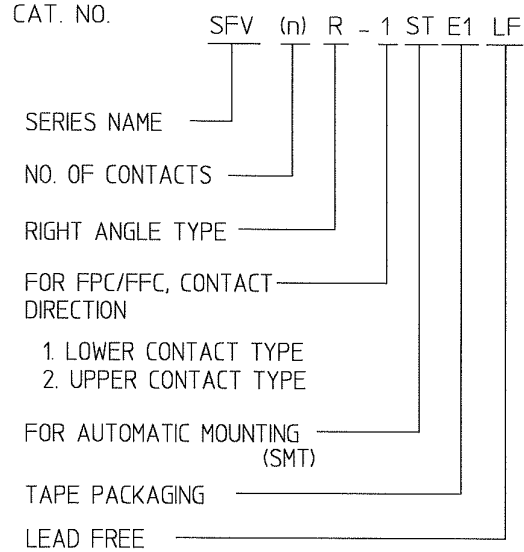
CAT. NO.　　　　　SFV (n) R – 1 ST E1 LF

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC/FFC, CONTACT DIRECTION

  1. LOWER CONTACT TYPE
  2. UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING (SMT)

TAPE PACKAGING

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.
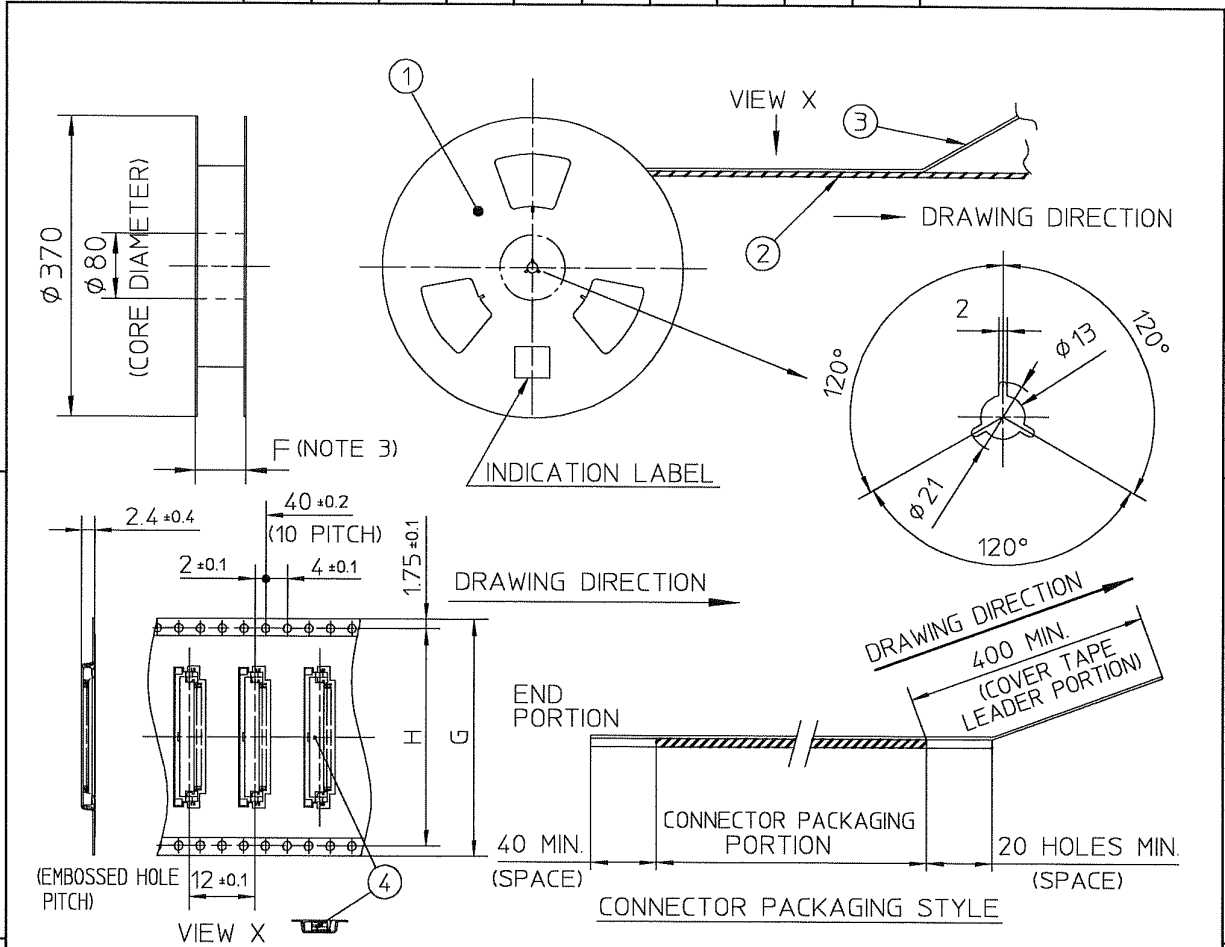
3. SEE PART DRAWINGS FOR DIMENSIONS F~H.

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family 58EF		

ltr	ecn no	dr	date	tolerances unless otherwise specified		title
A	J04-0462	H.T	'04/12/17	angles	linear	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-1/2STE1LF)
B	J05-0227	H.T	'05/4/14			
C	J06-0372	H.T	'06/9/7			scale X

dr	K. Matsumoto 9/7/06	dwg no	sheet 1of 1	size
engr	K. Matsumoto 9/7/06	JSA 96147		A4
chr	R. Shoji 9/8/06			
appd	S. Ueda 9/11/06	type Product Customer Drawing		Rev. C

sheet index	revision sheet	C
		1

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form: A4

Ø370
Ø80 (CORE DIAMETER)

F (NOTE 3)

① VIEW X ③

② DRAWING DIRECTION

INDICATION LABEL

2   Ø13
120°   120°
Ø21
120°

2.4 ±0.4
40 ±0.2 (10 PITCH)
2 ±0.1   4 ±0.1
1.75 ±0.1

DRAWING DIRECTION

DRAWING DIRECTION
400 MIN. (COVER TAPE LEADER PORTION)

H   G

END PORTION

CONNECTOR PACKAGING PORTION

40 MIN. (SPACE)

20 HOLES MIN. (SPACE)

(EMBOSSED HOLE PITCH)   12 ±0.1

④

VIEW X

CONNECTOR PACKAGING STYLE

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-1ST__LF	SEE ATTACHED DWG.	3000	LOWER CONTACT TYPE

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.

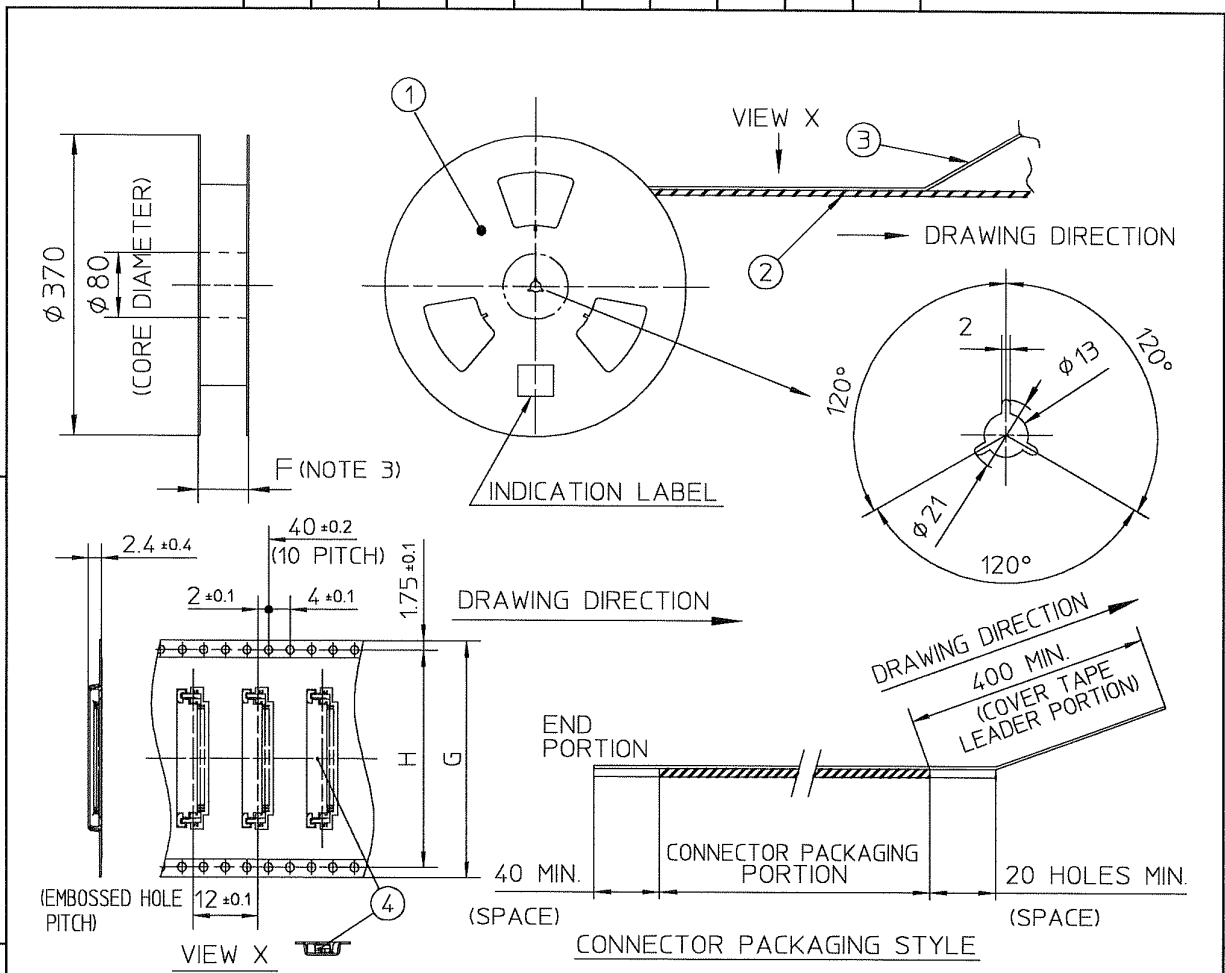3. F DIMENSION IS PORTION OF THE CORE.

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family 58EF
ltr	ecn no	dr	date	tolerances unless otherwise specified			title PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-1STE1LF)
A	J04-0462	H.T	'04/12/17	angles	linear	±5	
B	J05-0227	H.T	'05/4/14				
C	J06-0372	H.T	'06/9/7	±5°		scale X	

	dr	⟨signature⟩	9/7/06	dwg no	sheet 1 of 1	size
	engr	⟨signature⟩	9/7/06			
	chr	R. Shouji	9/8/06	JSA 96148		A4
	appd	S. Oeda	9/11/06	type Product Customer Drawing		

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| index | sheet | 1 | | C |

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form: A4

VIEW X

DRAWING DIRECTION

INDICATION LABEL

Ø370
Ø80
(CORE DIAMETER)

F (NOTE 3)

120°
120°
120°
2
Ø13
Ø21

DRAWING DIRECTION

2.4 ±0.4
40 ±0.2
(10 PITCH)
2 ±0.1
4 ±0.1
1.75 ±0.1

DRAWING DIRECTION

DRAWING DIRECTION
400 MIN.
(COVER TAPE
LEADER PORTION)

H
G

(EMBOSSED HOLE
PITCH)
12 ±0.1

VIEW X

END
PORTION

40 MIN.
(SPACE)

CONNECTOR PACKAGING
PORTION

20 HOLES MIN.
(SPACE)

CONNECTOR PACKAGING STYLE

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-2ST__LF	SEE ATTACHED DWG.	3000	UPPER CONTACT TYPE

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 ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection	product family	58EF
ltr	ecn no	dr	date	tolerances unless otherwise specified			title PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-2STE1LF)	
A	J04-0462	H.T	'04/12/17	angles	linear	±5		
B	J05-0227	H.T	'05/4/14					
C	J06-0372	H.T	'06/9/7	±5°			scale X	

			dr		9/7/06	dwg no	sheet 1 of 1	size
			engr		9/7/06	JSA 96149		A4
			chr	R. Shoya	9/8/06			
			appd	S. Uedan	9/11/06	type Product Customer Drawing		

sheet	revision	C		Rev. C
index	sheet	1		

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form: A4

RECOMMENDED CABLE (FPC)

n : NO. OF CONTACTS

0.5 × (n+1) ±0.05

0.5 ±0.1   0.5 × (n-1) ±0.03   0.5 ±0.1

0.33 ±0.05
(NOTE3)   0.5 ±0.02   0.3 ±0.035

R0.3 REF.

②

③

3.5 MIN.

2.5 MIN.

2.7 ±0.3

4.5 MIN.

④

0.45 MAX.

①

1.3 REF.

FREE   0.2 REF.

FREE

INSERTION INSPECTION MARK
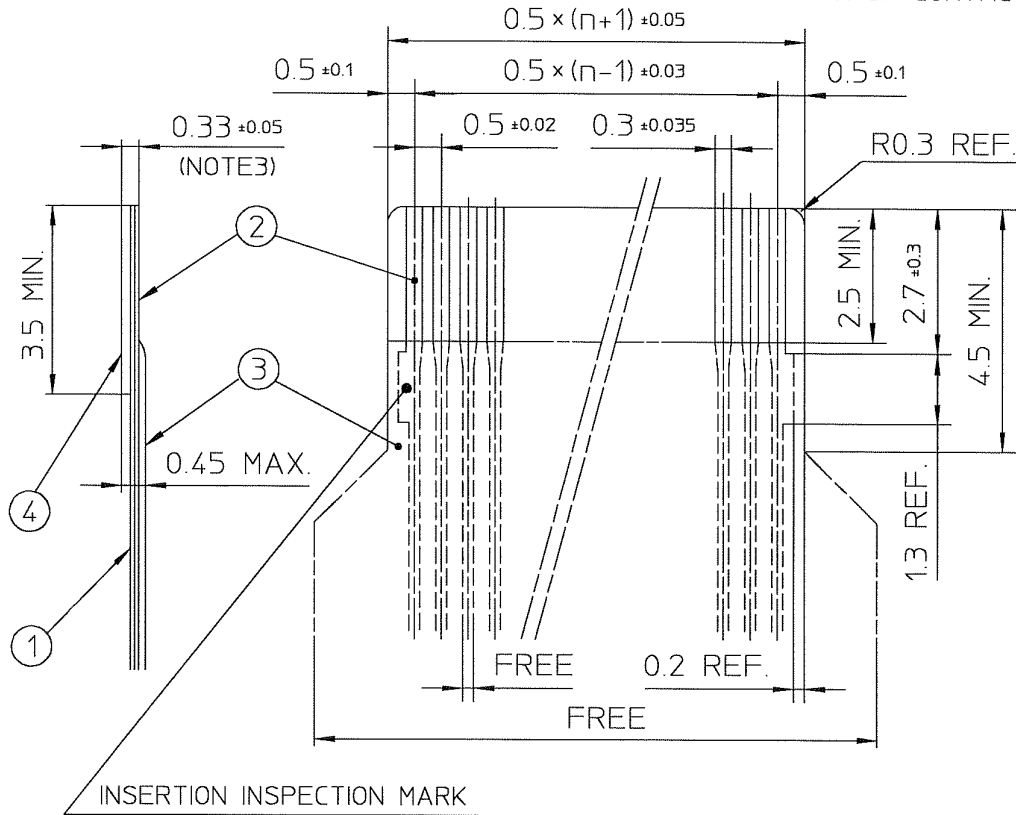
PT. NO.	PARTS NAME	MATERIAL	THICKNESS(μm)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUAL	25
2	CONDUCTOR	COPPER FOIL(PLATING : SOLDER 1μm MIN.)	35
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUAL	――
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUAL	188

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

mat'l. code				surface	tolerance	projection	product family		58EF
				ISO 1302 ∨	ISO 406 ISO 1101	⊕ ⊲	title		
ltr	ecn no	dr	date	tolerances unless otherwise specified			RECOMMENDED CABLE		
1	―	M.H	'94/12/8	angles	linear		(Cat. No. : SFV__R-1/2ST__)		
AA	J03-0196	H.T	'03/5/1						
AB	J06-0372	H.T	'06/9/7			scale X			

dr   9/7/06
engr   9/7/06
chr R. Shouji 9/8/06
appd S. Arslan 9/11/06

dwg no   sheet 1of1   size
JSA 92456   A4

type Product Customer Drawing

Rev.
AB

sheet index   revision AB
sheet   1

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RECOMMENDED CABLE (FFC)

n : NO. OF CONTACTS

$0.5 \times (n+1) \pm 0.07$

$0.5 \pm a$

$0.5 \times (n-1) \pm c$

$0.5 \pm a$

0.3 ± 0.05

$0.5 \pm b$

$0.3 \pm d$

2

1

3

6 MIN.

3 MIN.
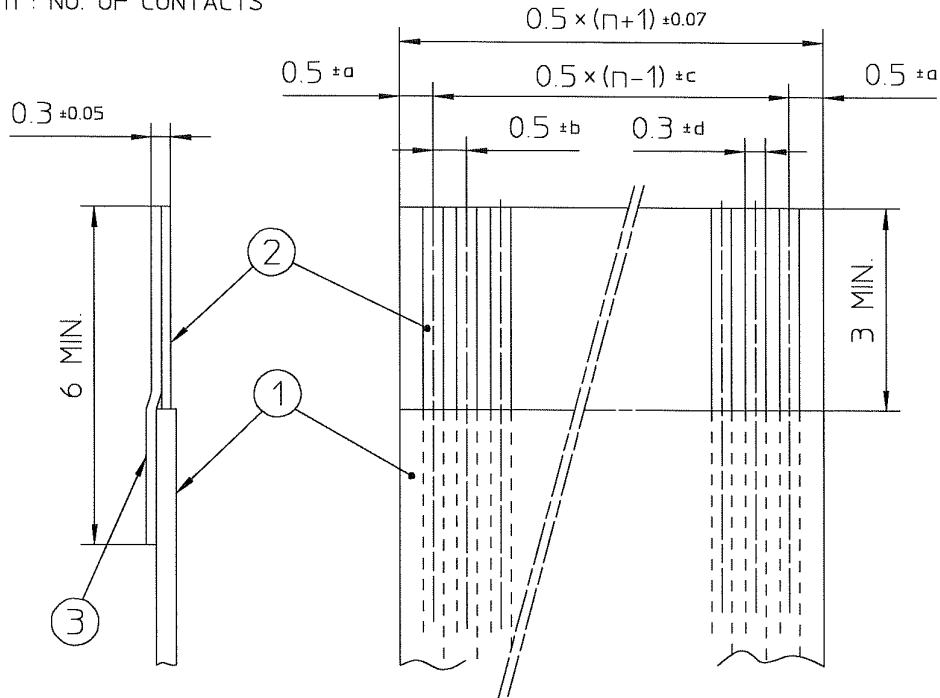
KIND OF FFC (NOTE3)	DIMENSIONAL TOLERANCE			
	a	b	c	d
1	±0.07	±0.04	±0.05	±0.02
2	±0.1	±0.03	±0.03	±0.025

PT. NO.	PARTS NAME	MATERIAL	NOTE
1	INSULATOR	FLAME RESISTING POLYESTER OR EQUAL	————————
2	CONDUCTOR	COPPER FOIL:THICKNESS 35 OR 50 μm	PLATING : TIN OR SOLDER 1μm MIN.
3	SUPPORTING TAPE	FLAME RESISTING POLYESTER OR EQUAL	————————

NOTES
1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.
3. EITHER KIND1 OR KIND2 OF FFC CAN ACCEPT DIMENSIONAL TOLERANCE a,b,c AND d.

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family 58EF		
ltr	ecn no	dr	date	tolerances unless otherwise specified			title		
1	——	S.I	'93/9/9	angles	linear		RECOMMENDED CABLE (Cat. No. : SFV__R-1/2ST__)		
2	——	M.H	'94/12/8						
AA	J03-0196	H.T	'03/5/1			scale X			
AB	J06-0372	H.T	'06/9/7	dr	11/27/06		dwg no	sheet 1 of 1	size
AC	J06-0499	H.T	'06/11/27	engr	11/27/06		JSA 92457		A4
				chr R. Shouji	11/27/06				
				appd S. Nodam	11/28/06		type Product Customer Drawing		
sheet index	revision sheet	AC 1						Rev. AC	

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