List of "SFV__R-3/4STE1LF" customer document

DOCUMENT NO.	LIST
SC-SFV04	SPEC.
JSA96151	CAT.NO.TABLE FOR 0.5mm CONTACT SPACING CONNECTOR (SFV__R-3/4ST_LF)
JSA96152	CONNECTOR USED FOR FPC WITH 0.5mm CONTACT SPACING (SFV__R-3ST_LF)
JSA96153	CONNECTOR USED FOR FPC WITH 0.5mm CONTACT SPACING (SFV__R-4ST_LF)
JSA96154	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-3/4STE1LF)
JSA96155	PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-3STE1LF)
JSA96156	PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-4STE1LF)
JSA92606	RECOMMENDED CABLE (FPC) (SFV__R-3/4ST_)
BJM-SFV102	HANDLING PROCEDURES

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

mat'l. code

surface ISO 1302 ✓ tolerance ISO 406 ISO 1101

tolerances unless otherwise specified

angles | linear

dr	H.Takahashi	9/7/06
engr	H.Takahashi	9/7/06
chr	R. Shouji	9/8/06
appd	S.Kudara	9/11/06

projection

scale X

product family 58EF

title
0.5mm SPACING FPC
CONNECTOR DOCUMENT LIST
(Cat. No. : SFV__R-3/4STE1LF)

dwg no JSA 96150 | sheet 1 of 1 | size A4

type Product Customer Drawing

sheet index	revision	C
	sheet	1

Rev. C

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	SFV 4R-3/4ST__LF	7.5	5.9	1.5	1.6
5	SFV 5R-3/4ST__LF	8.0	6.4	2.0	2.1
6	SFV 6R-3/4ST__LF	8.5	6.9	2.5	2.6
7	SFV 7R-3/4ST__LF	9.0	7.4	3.0	3.1
8	SFV 8R-3/4ST__LF	9.5	7.9	3.5	3.6
9	SFV 9R-3/4ST__LF	10.0	8.4	4.0	4.1
10	SFV10R-3/4ST__LF	10.5	8.9	4.5	4.6
11	SFV11R-3/4ST__LF	11.0	9.4	5.0	5.1
12	SFV12R-3/4ST__LF	11.5	9.9	5.5	5.6
13	SFV13R-3/4ST__LF	12.0	10.4	6.0	6.1
14	SFV14R-3/4ST__LF	12.5	10.9	6.5	6.6
15	SFV15R-3/4ST__LF	13.0	11.4	7.0	7.1
16	SFV16R-3/4ST__LF	13.5	11.9	7.5	7.6
17	SFV17R-3/4ST__LF	14.0	12.4	8.0	8.1
18	SFV18R-3/4ST__LF	14.5	12.9	8.5	8.6
19	SFV19R-3/4ST__LF	15.0	13.4	9.0	9.1
20	SFV20R-3/4ST__LF	15.5	13.9	9.5	9.6
21	SFV21R-3/4ST__LF	16.0	14.4	10.0	10.1
22	SFV22R-3/4ST__LF	16.5	14.9	10.5	10.6
23	SFV23R-3/4ST__LF	17.0	15.4	11.0	11.1
24	SFV24R-3/4ST__LF	17.5	15.9	11.5	11.6
25	SFV25R-3/4ST__LF	18.0	16.4	12.0	12.1
26	SFV26R-3/4ST__LF	18.5	16.9	12.5	12.6
27	SFV27R-3/4ST__LF	19.0	17.4	13.0	13.1
28	SFV28R-3/4ST__LF	19.5	17.9	13.5	13.6
29	SFV29R-3/4ST__LF	20.0	18.4	14.0	14.1
30	SFV30R-3/4ST__LF	20.5	18.9	14.5	14.6
31	SFV31R-3/4ST__LF	21.0	19.4	15.0	15.1
32	SFV32R-3/4ST__LF	21.5	19.9	15.5	15.6
33	SFV33R-3/4ST__LF	22.0	20.4	16.0	16.1
34	SFV34R-3/4ST__LF	22.5	20.9	16.5	16.6
35	SFV35R-3/4ST__LF	23.0	21.4	17.0	17.1

CAT. NO. SFV (n) R - 3 ST __ LF

- 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)
- 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.
3. THIS PRODUCT IS THE CONNECTOR WITH CABLE LOCK MECHANISM.

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

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

tolerances unless otherwise specified: angles | linear

title: CAT. NO. TABLE FOR 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-3/4ST__LF)

scale X

dr	H.Tanaka	9/7/06
engr	H.Tanaka	9/7/06
chr	R. Shouji	9/8/'06
appd	S.C.Lau	9/11/'06

dwg no JSA 96151 | sheet 1 of 1 | size A4

type Product Customer Drawing

sheet index	revision	C
	sheet	1

Rev. C

SC-SFV04 form: A4

JSA96152, 96153, 96154, 96155, 96156, 92606

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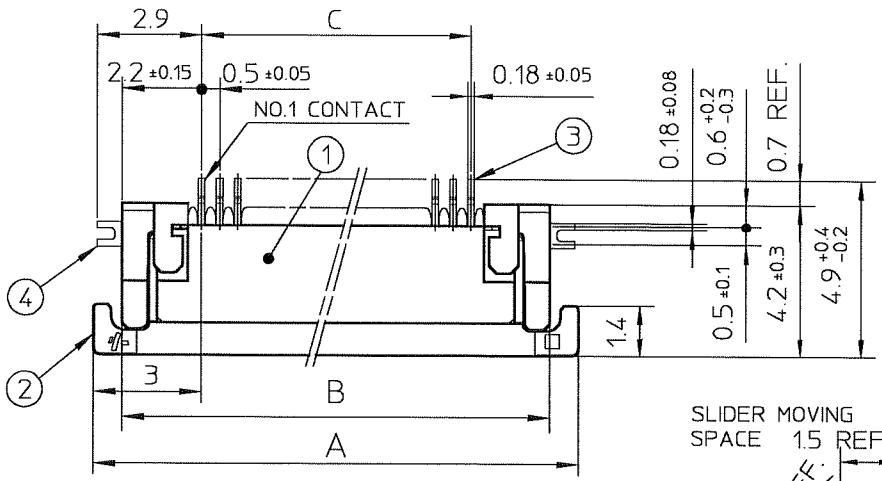
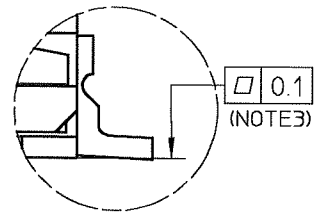
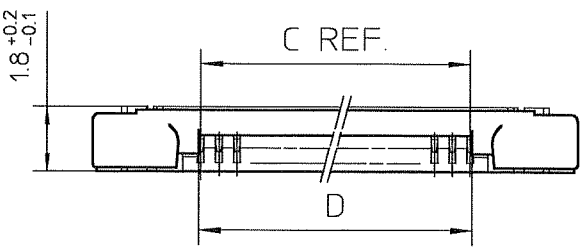
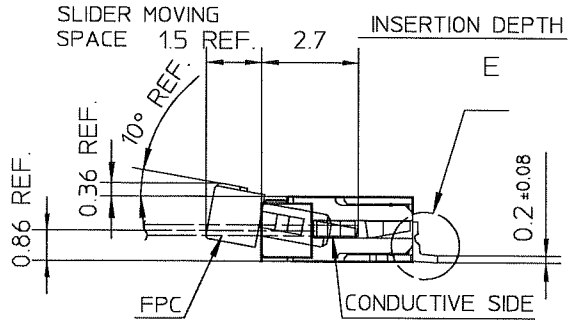




DETAIL E

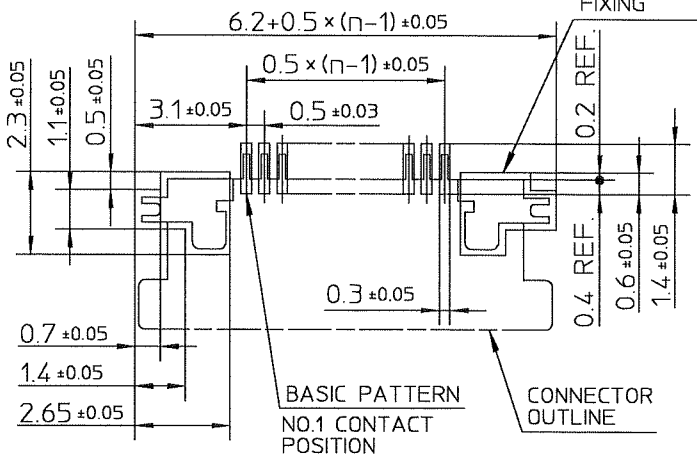




PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : MATTE PURE TIN Ni UNDER PLATED (LEAD FREE)
4	MOUNTING PLATE		2	

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)



PATTERN FOR MOUNTING PLATE FIXING

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 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 ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection	product family 58EF
ltr	ecn no	dr	date	tolerances unless otherwise specified			title CONNECTOR USED FOR FPC WITH 0.5 mm CONTACT SPACING (Cat. No. : SFV__R-3ST__LF)
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			scale X	
D	J06-0064	H.T	'06/2/23	dr			dwg no JSA 96152 sheet 1 of 1 size A4
E	J06-0372	H.T	'06/9/7	engr			
				chr	R. Shimizu 9/8/06		type Product Customer Drawing
				appd	S. Sedam 9/11/06		

sheet index	revision sheet	E 1	Rev. E

SC-SFV04 JSA96151
form: A4

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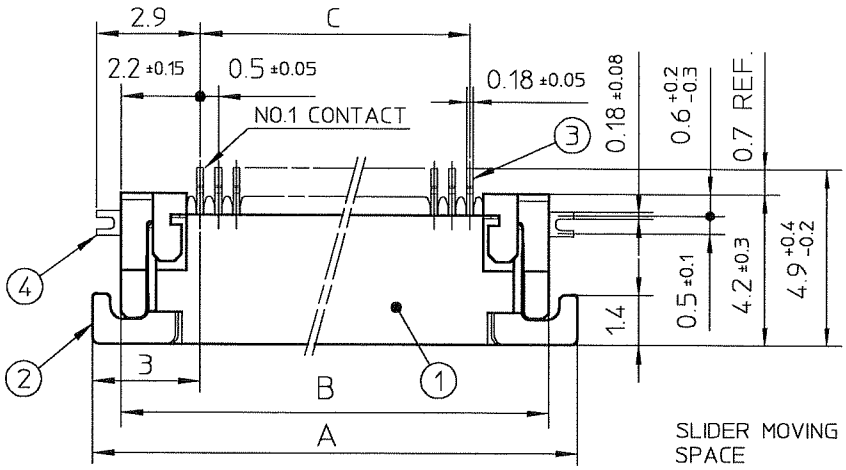
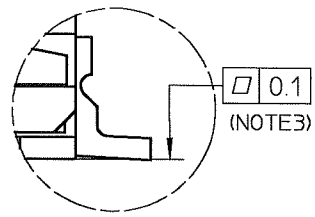
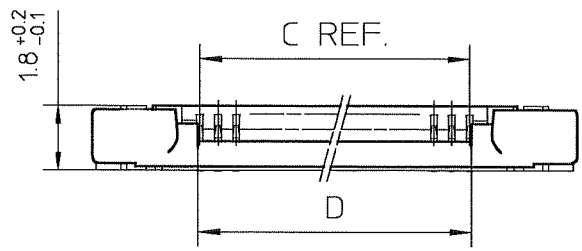
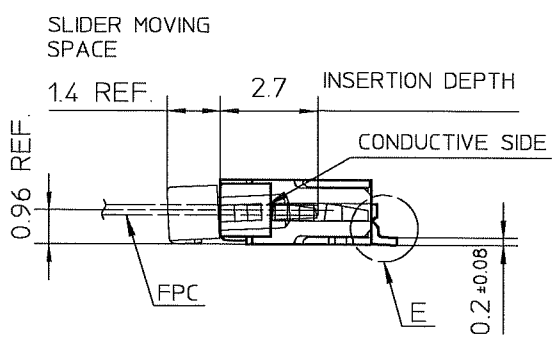




DETAIL E

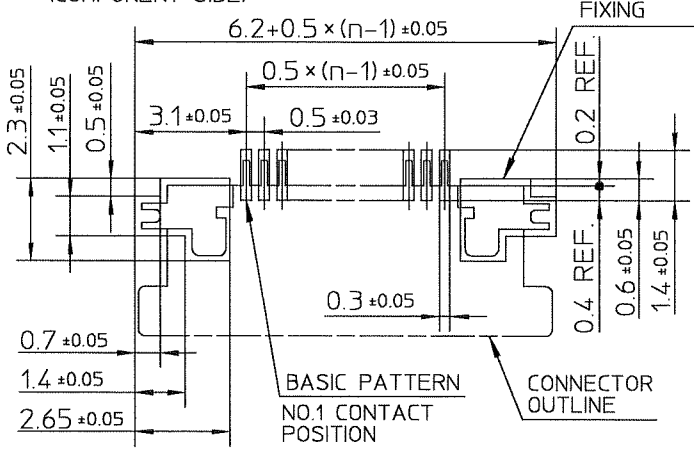




PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : MATTE PURE TIN Ni UNDER PLATED (LEAD FREE)
4	MOUNTING PLATE		2	

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)



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 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℃ PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

ltr	ecn no	dr	date
A	J04-0462	H.T	'04/12/17
B	J05-0227	H.T	'05/4/14
C	J05-0710	H.T	'05/10/21
D	J06-0064	H.T	'06/2/23
E	J06-0372	H.T	'06/9/7

mat'l. code

surface ISO 1302 ✓ tolerance ISO 406 ISO 1101

tolerances unless otherwise specified

angles | linear ±0.2

projection

scale X

dr		9/7/06
engr		9/7/06
chr	R. Shoup	9/8/06
appd	S. deLara	9/11/06

product family 58EF

title
CONNECTOR USED FOR FPC
WITH 0.5 mm CONTACT SPACING
(Cat. No. : SFV__R-4ST__LF)

dwg no JSA 96153 | sheet 1 of 1 | size A4

type Product Customer Drawing

sheet index	revision sheet	E 1

Rev. E

SC-SFV04 form: A4 JSA96151

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CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE3)		
		F ± 5	G ± 0.3	H ± 0.1
4	SFV 4R-3/4STE1LF	20.4	16	—
5	SFV 5R-3/4STE1LF	20.4	16	—
6	SFV 6R-3/4STE1LF	20.4	16	—
7	SFV 7R-3/4STE1LF	28.4	24	—
8	SFV 8R-3/4STE1LF	28.4	24	—
9	SFV 9R-3/4STE1LF	28.4	24	—
10	SFV10R-3/4STE1LF	28.4	24	—
11	SFV11R-3/4STE1LF	28.4	24	—
12	SFV12R-3/4STE1LF	28.4	24	—
13	SFV13R-3/4STE1LF	28.4	24	—
14	SFV14R-3/4STE1LF	28.4	24	—
15	SFV15R-3/4STE1LF	28.4	24	—
16	SFV16R-3/4STE1LF	28.4	24	—
17	SFV17R-3/4STE1LF	28.4	24	—
18	SFV18R-3/4STE1LF	28.4	24	—
19	SFV19R-3/4STE1LF	28.4	24	—
20	SFV20R-3/4STE1LF	28.4	24	—
21	SFV21R-3/4STE1LF	28.4	24	—
22	SFV22R-3/4STE1LF	28.4	24	—
23	SFV23R-3/4STE1LF	36.4	32	28.4
24	SFV24R-3/4STE1LF	36.4	32	28.4
25	SFV25R-3/4STE1LF	36.4	32	28.4
26	SFV26R-3/4STE1LF	36.4	32	28.4
27	SFV27R-3/4STE1LF	36.4	32	28.4
28	SFV28R-3/4STE1LF	36.4	32	28.4
29	SFV29R-3/4STE1LF	36.4	32	28.4
30	SFV30R-3/4STE1LF	36.4	32	28.4
31	SFV31R-3/4STE1LF	48.4	44	40.4
32	SFV32R-3/4STE1LF	48.4	44	40.4
33	SFV33R-3/4STE1LF	48.4	44	40.4
34	SFV34R-3/4STE1LF	48.4	44	40.4
35	SFV35R-3/4STE1LF	48.4	44	40.4

CAT. NO. SFV (n) R - 3 ST E1 LF

- 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)
- PACKAGE STYLE
- 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.

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

mat'l. code

surface ISO 1302 ✓ tolerance ISO 406 ISO 1101

tolerances unless otherwise specified

angles linear

projection

scale X

dr	[signature]	9/7/'06
engr	[signature]	9/7/'06
chr	R. Shoji	9/8/'06
appd	S. Okada	9/11/'06

product family 58EF

title
CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED
0.5 mm CONTACT SPACING CONNECTOR
(Cat. No. : SFV__R-3/4STE1LF)

dwg no JSA 96154 sheet 1 of 1 size A4

type Product Customer Drawing

sheet index	revision	C
	sheet	1

Rev. C

SC-SFV04 JSA96151
form: A4

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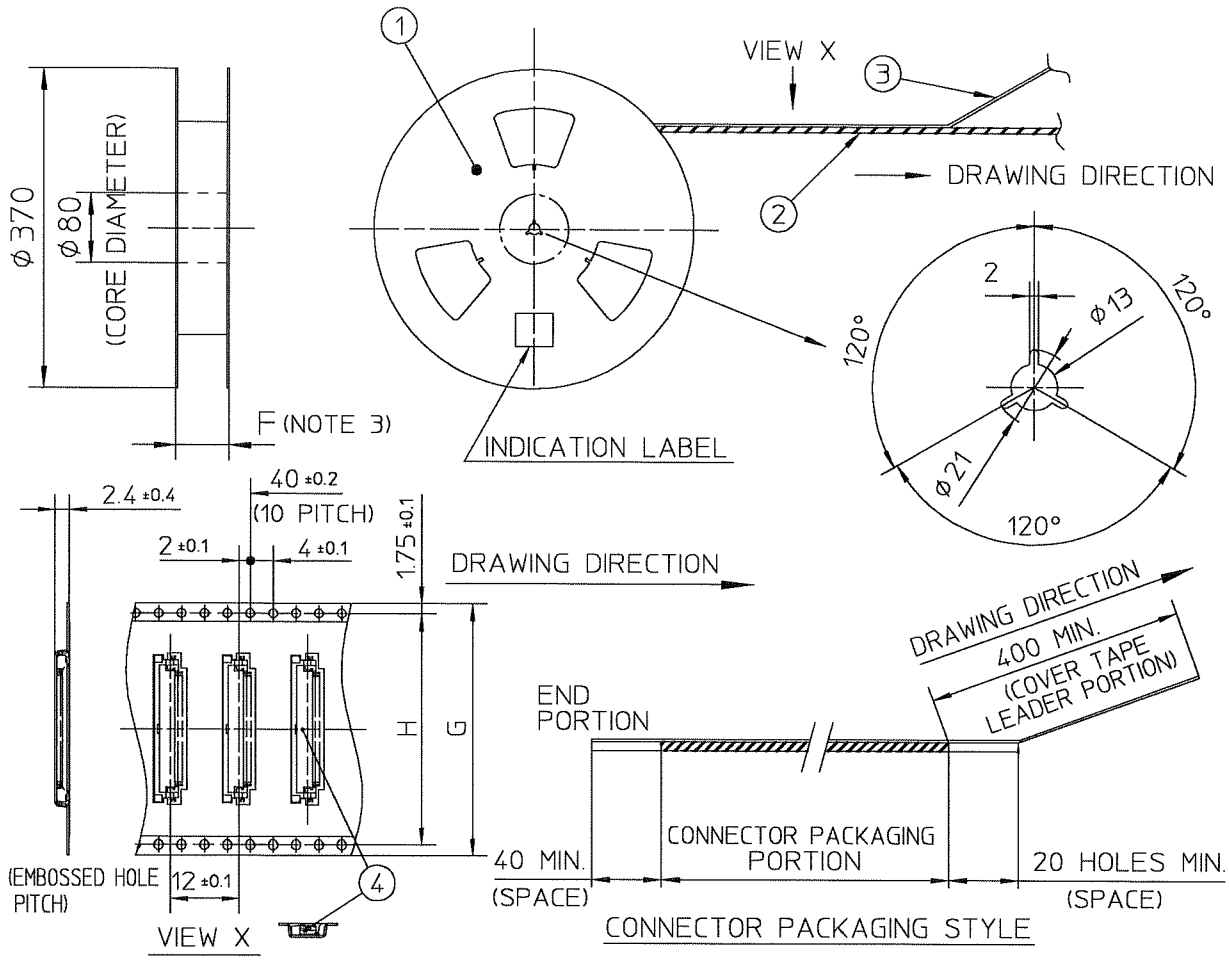

PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	———	CARDBOARD	1	COLOR : WHITE
2	PLASTIC (EMBOSS) TAPE	———	A-PET	———	COLOR : TRANSPARENCY
3	COVER	———	POLYESTER	———	COLOR : TRANSPARENCY
4	CONNECTOR	SFV__R-3ST__LF	SEE ATTACHED DWG.	3000	LOWER CONTACT TYPE WITH CABLE LOCK MECHANISM

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.

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

mat'l. code

surface ISO 1302 ✓ tolerance ISO 406 ISO 1101

tolerances unless otherwise specified

angles ±5° linear ±5

dr		9/7/06
engr		9/9/06
chr	K. Shouji	9/8/06
appd		9/11/06

projection

scale X

product family 58EF

title PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-3STE1LF)

dwg no JSA 96155 sheet 1 of 1 size A4

type Product Customer Drawing

sheet index	revision	C
	sheet	1

Rev. C

SC-SFV04 JSA96151
form: A4

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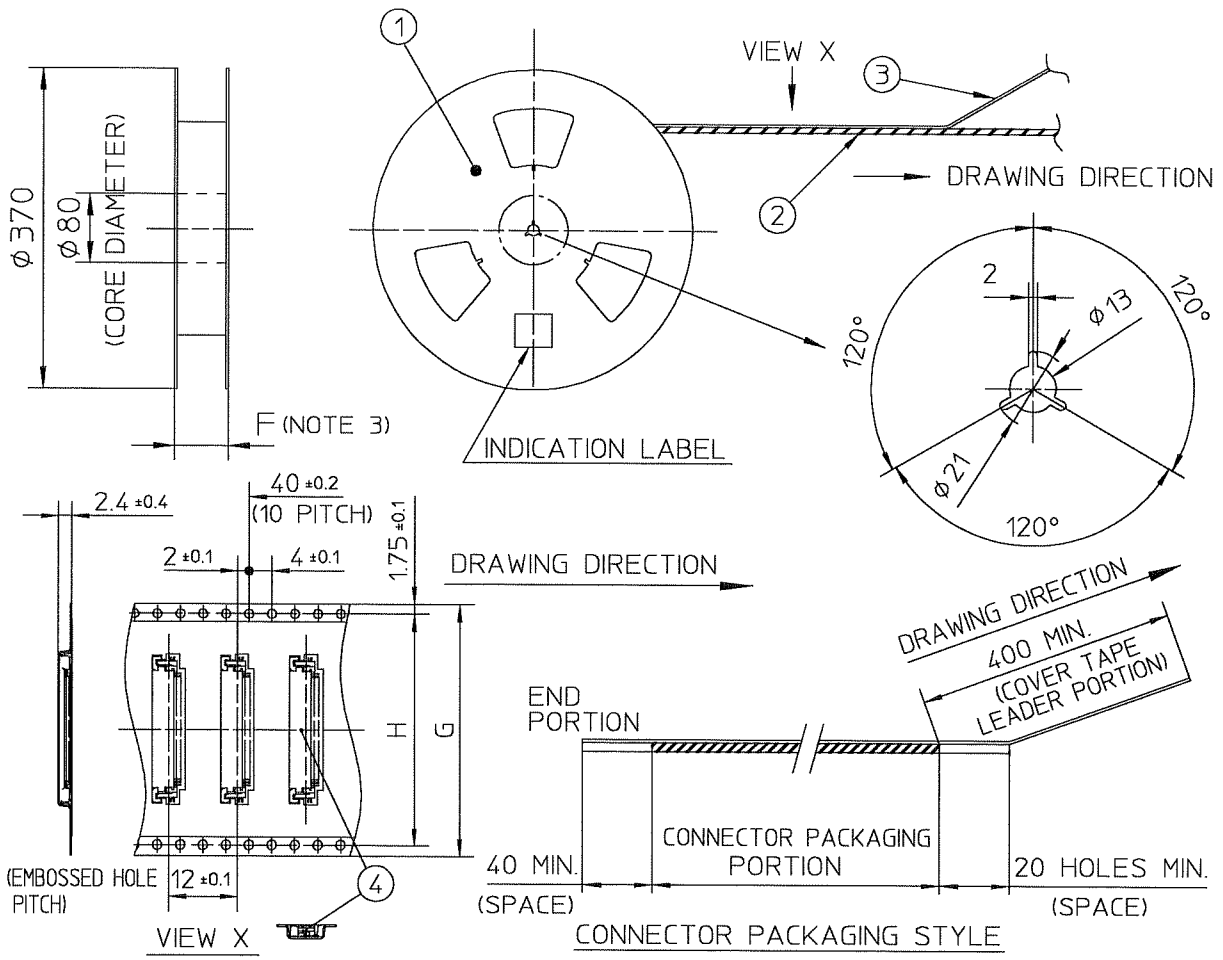

PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	———	CARDBOARD	1	COLOR : WHITE
2	PLASTIC (EMBOSS) TAPE	———	A-PET	———	COLOR : TRANSPARENCY
3	COVER	———	POLYESTER	———	COLOR : TRANSPARENCY
4	CONNECTOR	SFV__R-4ST__LF	SEE ATTACHED DWG.	3000	UPPER CONTACT TYPE WITH CABLE LOCK MECHANISM

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.

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

mat'l. code

surface ISO 1302 ▽ tolerance ISO 406 ISO 1101

tolerances unless otherwise specified

angles ±5° linear ±5

projection

scale X

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

product family 58EF

title PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-4STE1LF)

dwg no JSA 96156 sheet 1 of 1 size A4

type Product Customer Drawing

sheet index	revision	C
	sheet	1

Rev. C

SC-SFV04 form: A4 JSA96151

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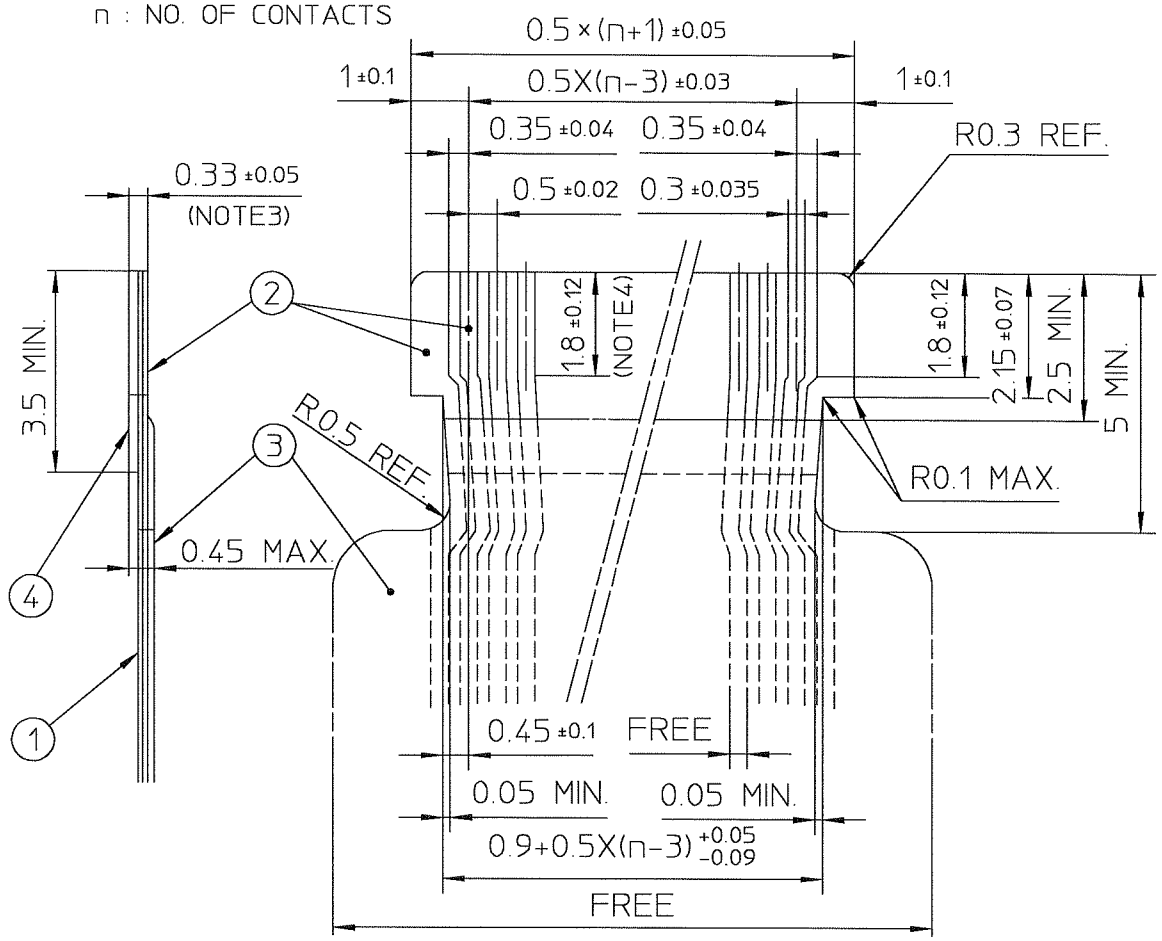
PDM: Rev:C STATUS:Released Printed: Dec 19, 2007

RECOMMENDED CABLE (FPC)



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.
4. THIS DIMENSION INDICATES THE RANGE FOR 0.3 ±0.035 CONDUCTOR WIDTH.

ltr	ecn no	dr	date
AA	J03-0196	H.T	'03/5/1
AB	J06-0372	H.T	'06/9/7

mat'l. code

surface ISO 1302 ✓ tolerance ISO 406 ISO 1101

tolerances unless otherwise specified

angles linear

projection

scale X

dr	H. Takahashi	9/7/06
engr	H. Takahashi	9/7/06
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product family 58EF

title
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(Cat. No. : SFV__R-3/4ST__)

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