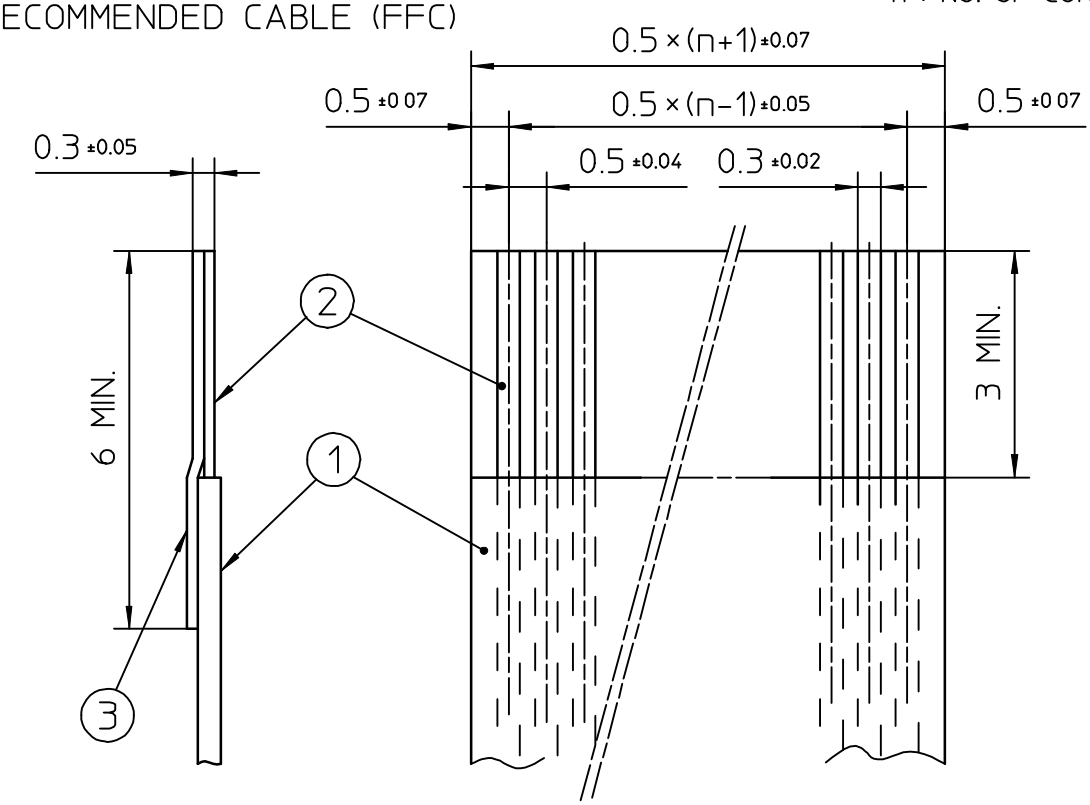
RECOMMENDED CABLE (FFC)

n : NO. OF CONTACTS



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 1 μm 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.

REV.	DATE	DESCRIPTION	DWN.	APPD.

SCALE ℵ
DIM. IN mm
DESIGNED
DRAWN
CHECKED
APPROVED
DATE

RECOMMENDED CABLE

CAT NO.

SFV__R-1/2ST__

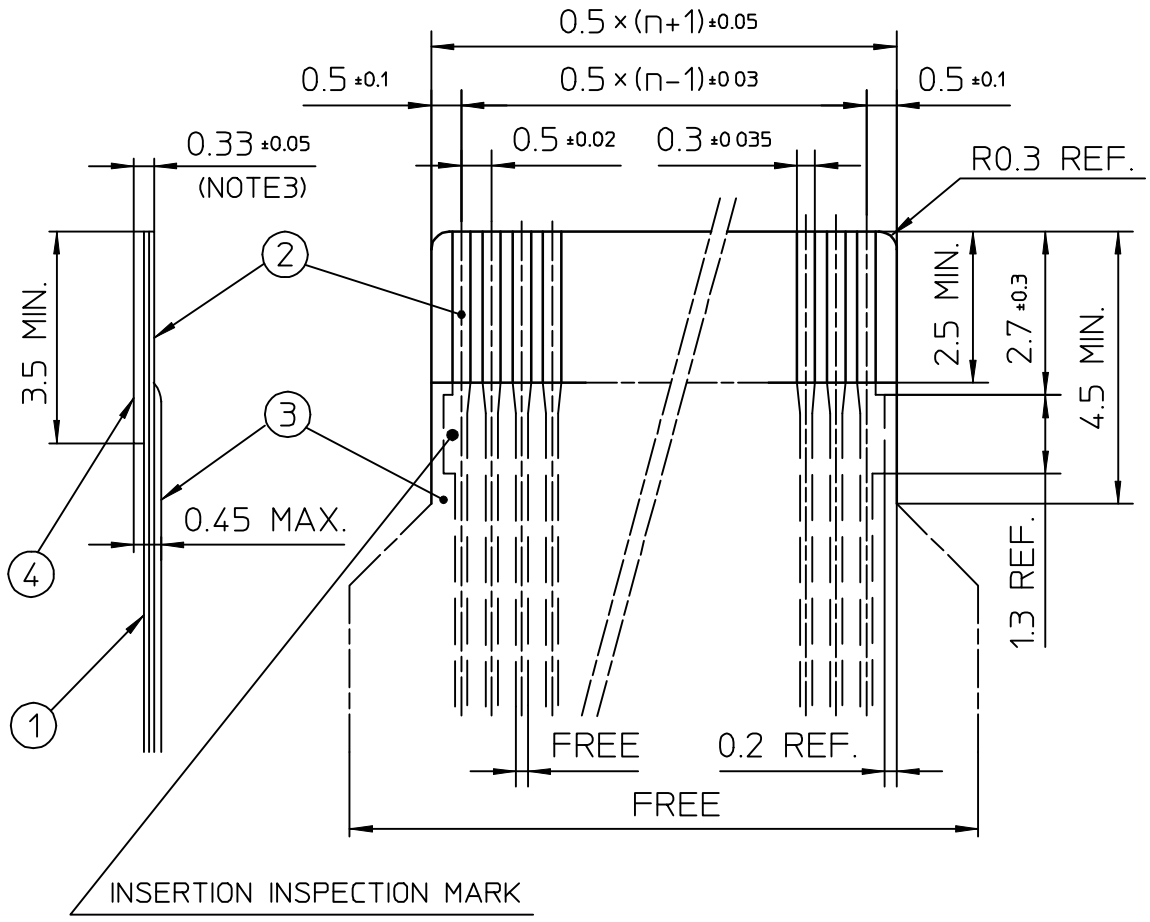
DRAWING NO | REV

JSA 92457

DF-136
REV.B

RECOMMENDED CABLE (FPC)

n · NO. OF CONTACTS



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.

REV.	DATE	DESCRIPTION	DWN.	APPD.

SCALE	X
DIM. IN	mm
DESIGNED	
DRAWN	
CHECKED	
APPROVED	
DATE	

RECOMMENDED CABLE

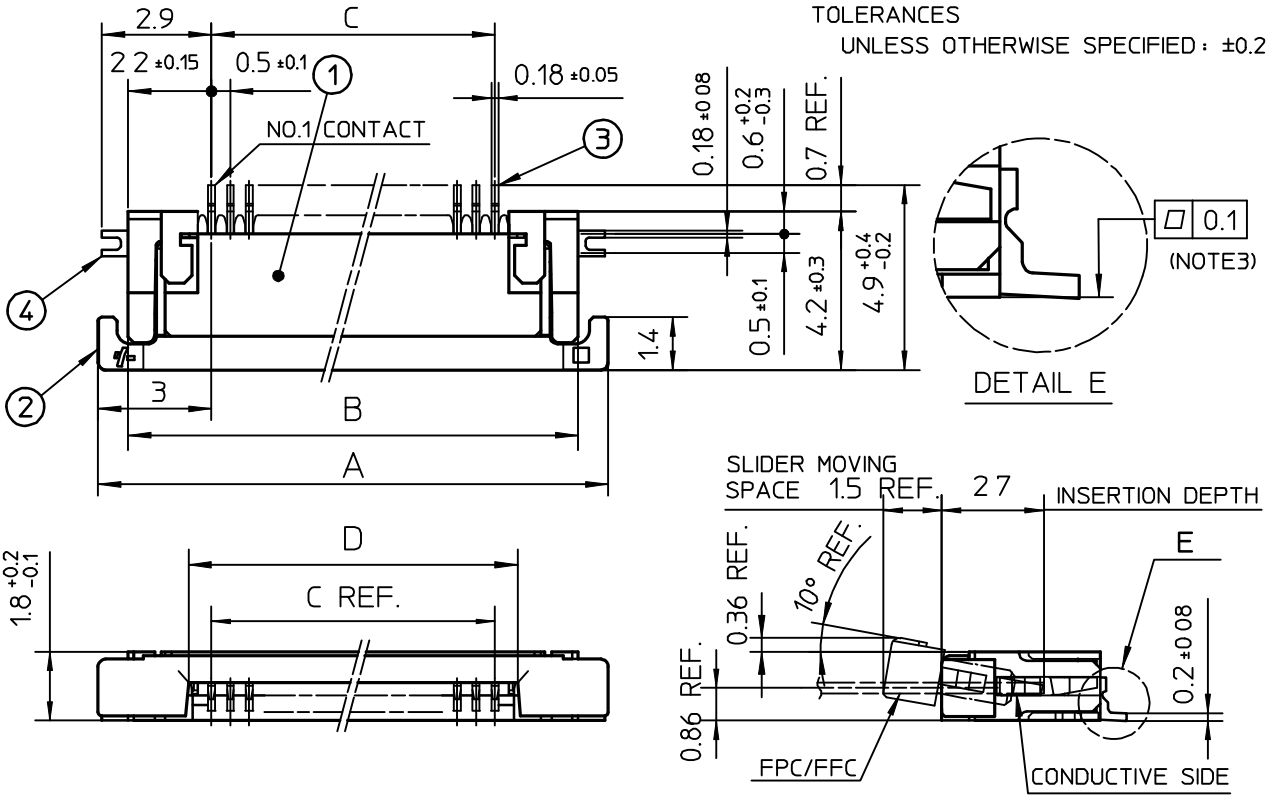
CAT NO.

SFV__R-1/2ST__

DRAWING NO	REV
JSA 92456	

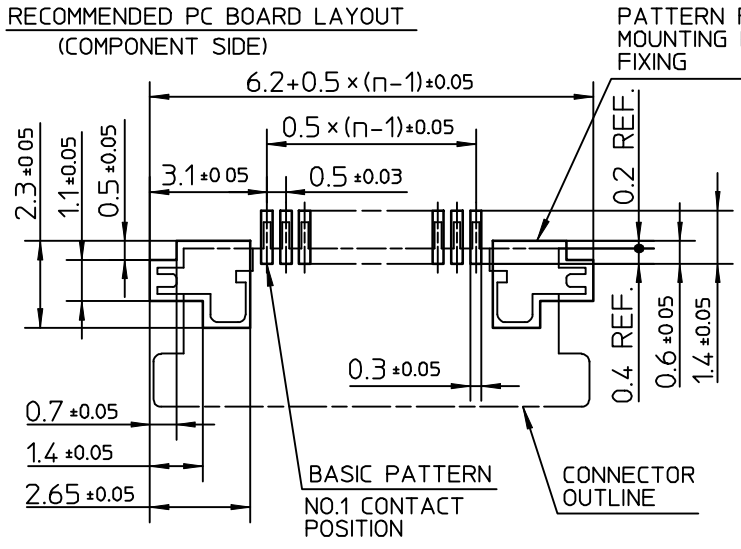
DF-136
REV.B

FCI



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 : TIN ALLOY
4	MOUNTING PLATE		2	

n : NO. OF CONTACTS



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.

REV.	DATE	DESCRIPTION	DWN.	APPD.

SCALE	X
DIM. IN	mm
DESIGNED	
DRAWN	
CHECKED	
APPROVED	
DATE	

CONNECTOR USED FOR FPC/FFC WITH 0.5 MM CONTACT SPACING

CAT NO.

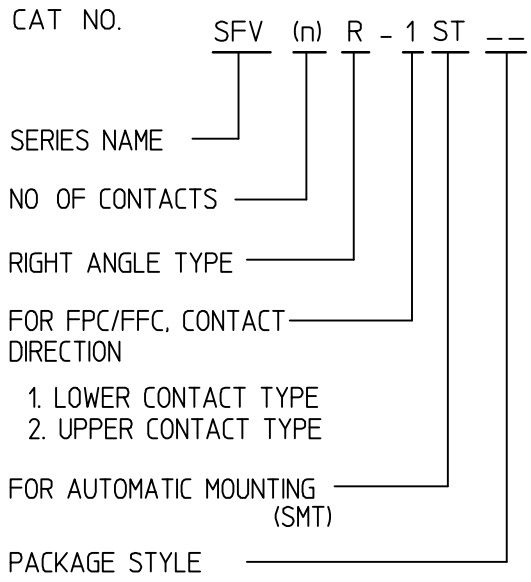
SFV__R-1ST__

DRAWING NO	REV
JSA 92451	

DF-136
REV.B

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__	7.5	5.9	1.5	2.7
5	SFV5R-1/2ST__	8.0	6.4	2.0	3.2
6	SFV6R-1/2ST__	8.5	6.9	2.5	3.7
7	SFV7R-1/2ST__	9.0	7.4	3.0	4.2
8	SFV8R-1/2ST__	9.5	7.9	3.5	4.7
9	SFV9R-1/2ST__	10.0	8.4	4.0	5.2
10	SFV10R-1/2ST__	10.5	8.9	4.5	5.7
11	SFV11R-1/2ST__	11.0	9.4	5.0	6.2
12	SFV12R-1/2ST__	11.5	9.9	5.5	6.7
13	SFV13R-1/2ST__	12.0	10.4	6.0	7.2
14	SFV14R-1/2ST__	12.5	10.9	6.5	7.7
15	SFV15R-1/2ST__	13.0	11.4	7.0	8.2
16	SFV16R-1/2ST__	13.5	11.9	7.5	8.7
17	SFV17R-1/2ST__	14.0	12.4	8.0	9.2
18	SFV18R-1/2ST__	14.5	12.9	8.5	9.7
19	SFV19R-1/2ST__	15.0	13.4	9.0	10.2
20	SFV20R-1/2ST__	15.5	13.9	9.5	10.7
21	SFV21R-1/2ST__	16.0	14.4	10.0	11.2
22	SFV22R-1/2ST__	16.5	14.9	10.5	11.7
23	SFV23R-1/2ST__	17.0	15.4	11.0	12.2
24	SFV24R-1/2ST__	17.5	15.9	11.5	12.7
25	SFV25R-1/2ST__	18.0	16.4	12.0	13.2
26	SFV26R-1/2ST__	18.5	16.9	12.5	13.7
27	SFV27R-1/2ST__	19.0	17.4	13.0	14.2
28	SFV28R-1/2ST__	19.5	17.9	13.5	14.7
29	SFV29R-1/2ST__	20.0	18.4	14.0	15.2
30	SFV30R-1/2ST__	20.5	18.9	14.5	15.7
31	SFV31R-1/2ST__	21.0	19.4	15.0	16.2
32	SFV32R-1/2ST__	21.5	19.9	15.5	16.7
33	SFV33R-1/2ST__	22.0	20.4	16.0	17.2
34	SFV34R-1/2ST__	22.5	20.9	16.5	17.7
35	SFV35R-1/2ST__	23.0	21.4	17.0	18.2



NOTES

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

REV.	DATE	DESCRIPTION	DWN.	APPD.

SCALE X
DIM. IN mm
DESIGNED
DRAWN
CHECKED
APPROVED
DATE

CAT NO. TABLE FOR 0.5 mm CONTACT SPACING CONNECTOR

CAT NO.

SFV__R-1/2ST__

DRAWING NO	REV
JSA 92450	

DF-136
REV.B

FCI

CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE3)		
		F ± 5	G ± 0.3	H ± 0.1
4	SFV4R-1/2STE1	20.4	16	—
5	SFV5R-1/2STE1	20.4	16	—
6	SFV6R-1/2STE1	20.4	16	—
7	SFV7R-1/2STE1	28.4	24	—
8	SFV8R-1/2STE1	28.4	24	—
9	SFV9R-1/2STE1	28.4	24	—
10	SFV10R-1/2STE1	28.4	24	—
11	SFV11R-1/2STE1	28.4	24	—
12	SFV12R-1/2STE1	28.4	24	—
13	SFV13R-1/2STE1	28.4	24	—
14	SFV14R-1/2STE1	28.4	24	—
15	SFV15R-1/2STE1	28.4	24	—
16	SFV16R-1/2STE1	28.4	24	—
17	SFV17R-1/2STE1	28.4	24	—
18	SFV18R-1/2STE1	28.4	24	—
19	SFV19R-1/2STE1	28.4	24	—
20	SFV20R-1/2STE1	28.4	24	—
21	SFV21R-1/2STE1	28.4	24	—
22	SFV22R-1/2STE1	28.4	24	—
23	SFV23R-1/2STE1	36.4	32	28.4
24	SFV24R-1/2STE1	36.4	32	28.4
25	SFV25R-1/2STE1	36.4	32	28.4
26	SFV26R-1/2STE1	36.4	32	28.4
27	SFV27R-1/2STE1	36.4	32	28.4
28	SFV28R-1/2STE1	36.4	32	28.4
29	SFV29R-1/2STE1	36.4	32	28.4
30	SFV30R-1/2STE1	36.4	32	28.4
31	SFV31R-1/2STE1	48.4	44	40.4
32	SFV32R-1/2STE1	48.4	44	40.4
33	SFV33R-1/2STE1	48.4	44	40.4
34	SFV34R-1/2STE1	48.4	44	40.4
35	SFV35R-1/2STE1	48.4	44	40.4

CAT. NO.

SFV (n) R - 1 ST E1

- SFV — SERIES NAME
- (n) — NO. OF CONTACTS
- R — RIGHT ANGLE TYPE
- 1 — FOR FPC/FFC, CONTACT DIRECTION
  1. LOWER CONTACT TYPE
  2. UPPER CONTACT TYPE
- ST — FOR AUTOMATIC MOUNTING (SMT)
- E1 — TAPE PACKAGING

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.

REV.	DATE	DESCRIPTION	DWN.	APPD.

SCALE	X
DIM. IN	mm
DESIGNED	
DRAWN	
CHECKED	
APPROVED	
DATE	

CAT NO TABLE FOR PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR

CAT NO.

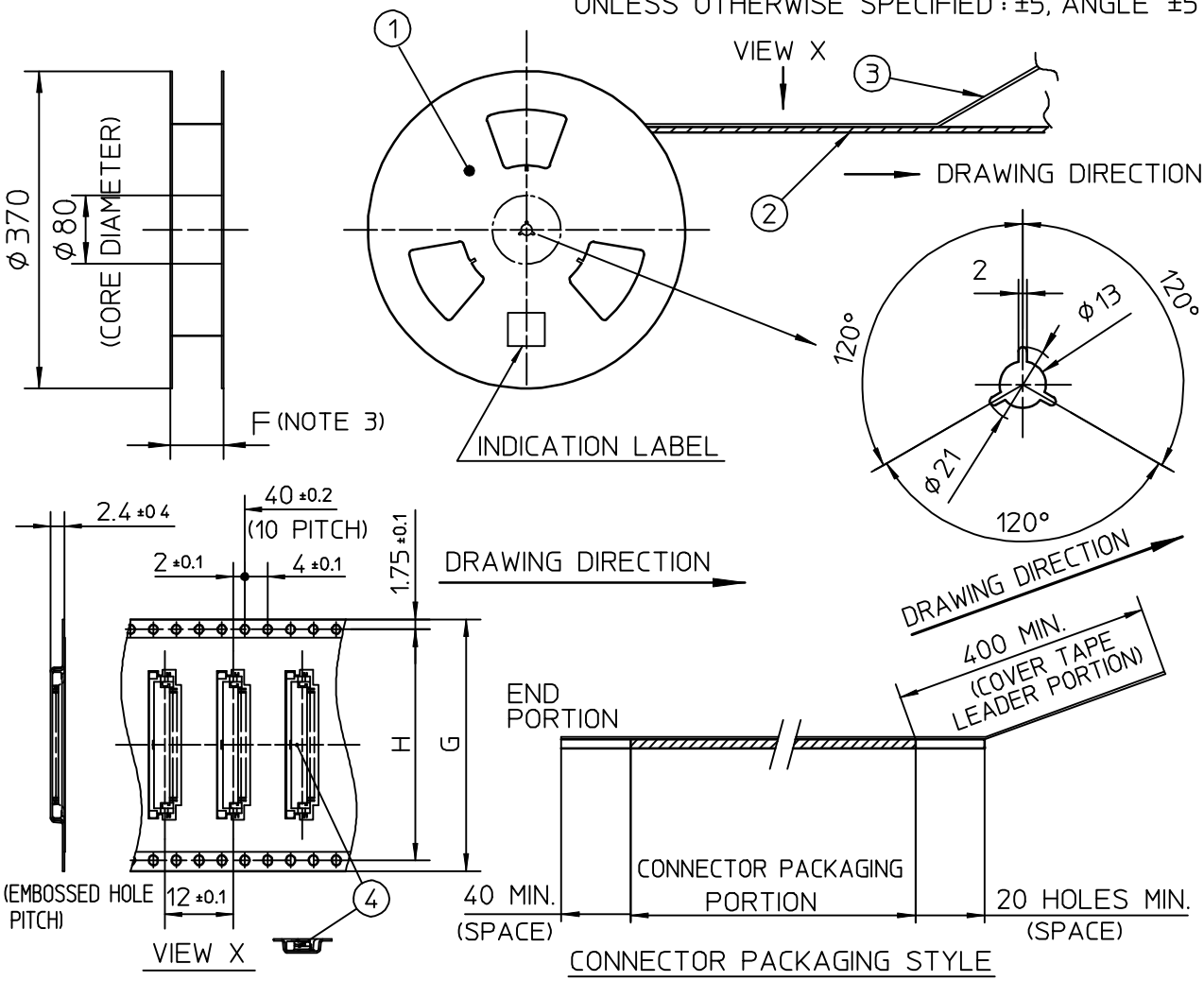
SFV__R-1/2STE1

DRAWING NO	REV
JSA 92453	

DF-136 REV.B

FCI

TOLERANCES
UNLESS OTHERWISE SPECIFIED : ±5, ANGLE ±5°



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__	SEE ATTACHED DWG.	3000	LOWER CONTACT TYPE

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
3. F DIMENSION IS PORTION OF THE CORE.

REV.	DATE	DESCRIPTION	DWN.	APPD.

SCALE X
DIM. IN mm
DESIGNED
DRAWN
CHECKED
APPROVED
DATE

PLASTIC TAPE PACKAGED
0.5 mm CONTACT SPACING CONNECTOR

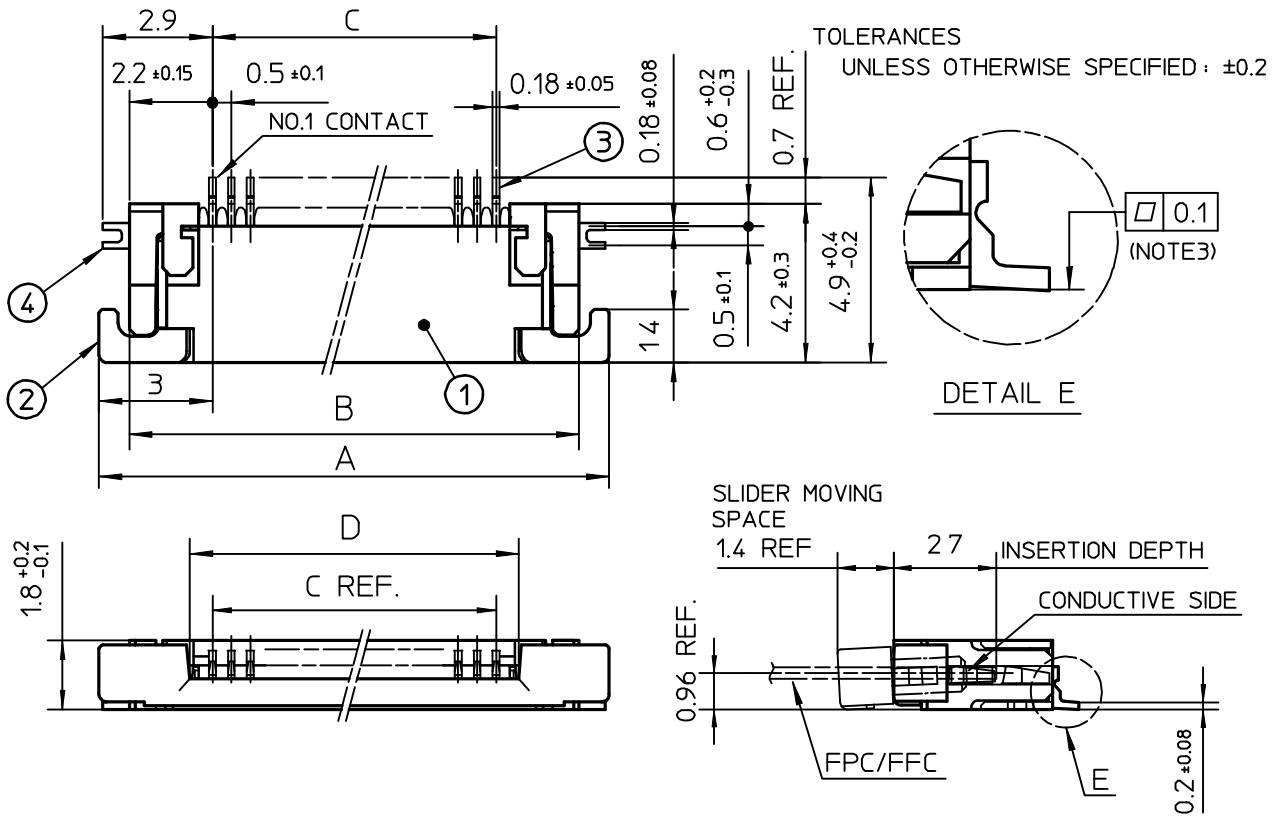
CAT NO.
SFV__R-1STE1

DRAWING NO
JSA 92454

REV

DF-136
REV.B

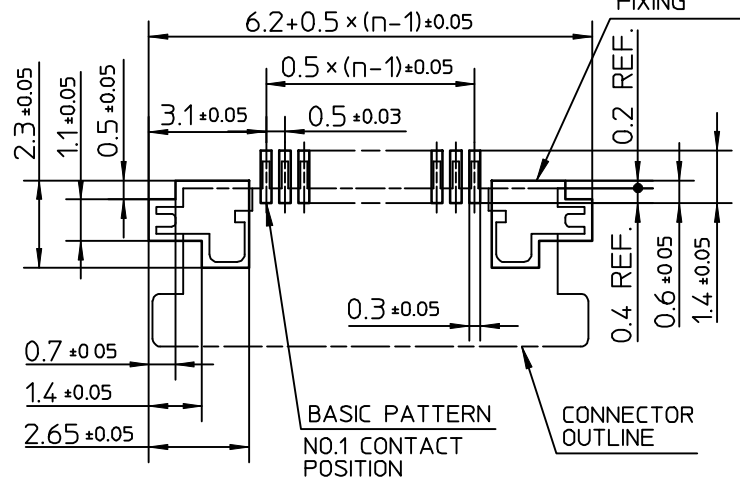
FCI



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 : TIN ALLOY
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
3. FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE MUST BE WITHIN TOLERANCE IN E PORTION DETAILED DRAWING.

REV.	DATE	DESCRIPTION	DWN.	APPD.

SCALE X
DIM. IN mm
DESIGNED
DRAWN
CHECKED
APPROVED
DATE

CONNECTOR USED FOR FPC/FFC WITH 0.5 MM CONTACT SPACING

CAT NO.

SFV__R-2ST__

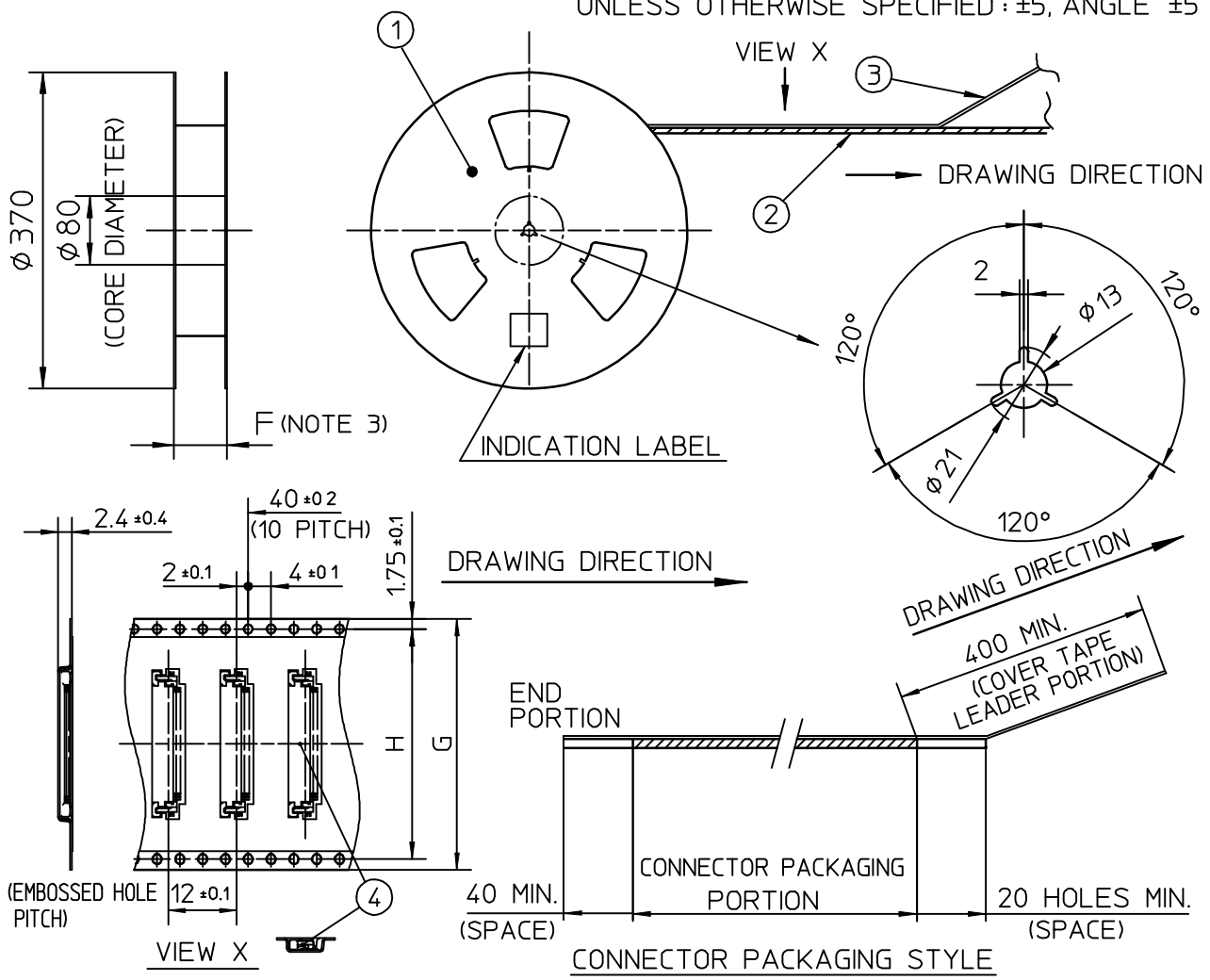
DRAWING NO | REV

JSA 92452

DF-136
REV.B

FCI

TOLERANCES
UNLESS OTHERWISE SPECIFIED : ±5, ANGLE ±5°



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__	SEE ATTACHED DWG.	3000	UPPER CONTACT TYPE

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL
3. F DIMENSION IS PORTION OF THE CORE.

REV.	DATE	DESCRIPTION	DWN.	APPD.

SCALE X
DIM. IN mm
DESIGNED
DRAWN
CHECKED
APPROVED
DATE

PLASTIC TAPE PACKAGED
0.5 mm CONTACT SPACING CONNECTOR

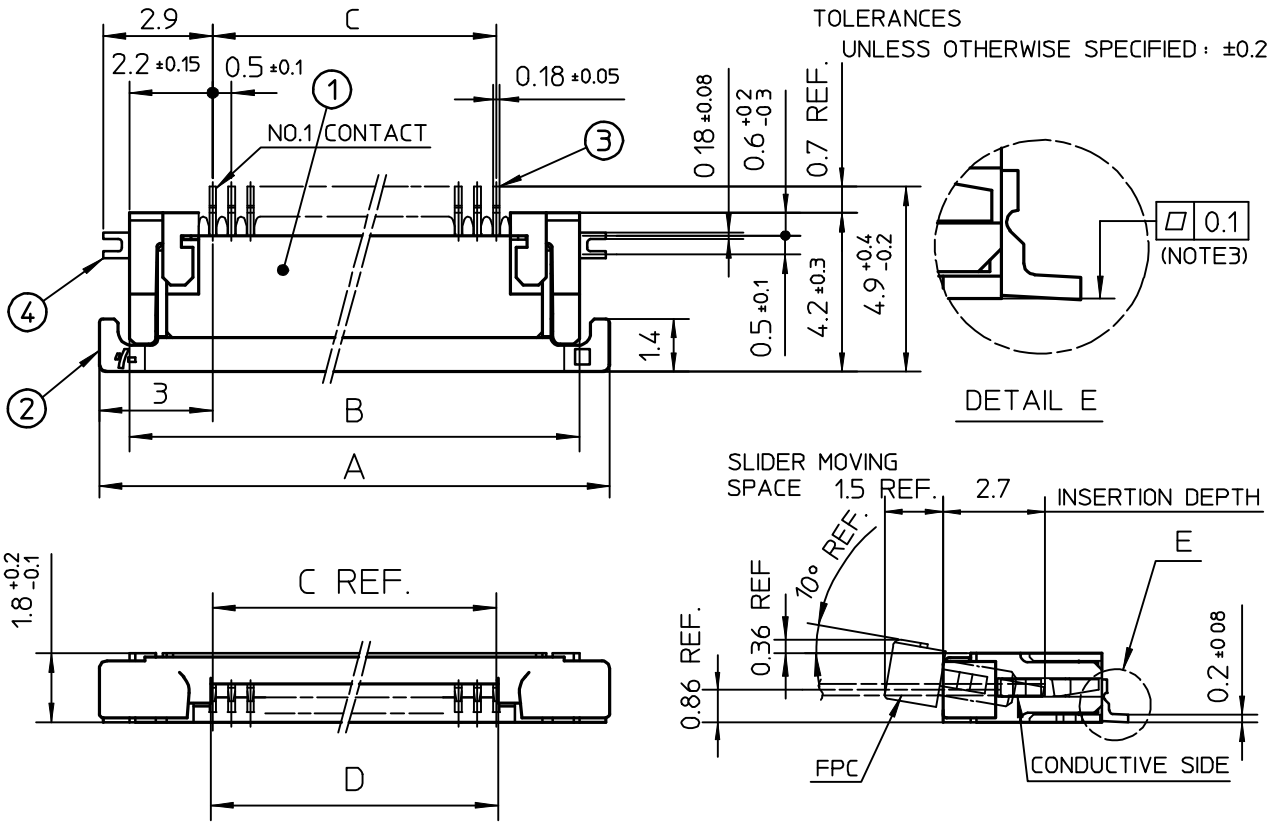
CAT NO.
SFV__R-2STE1

DRAWING NO
JSA 92455

REV

DF-136
REV.B

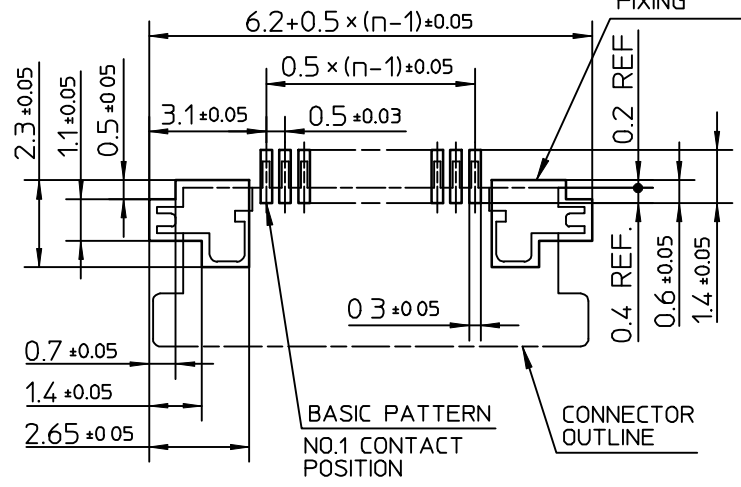
FCI



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 : TIN ALLOY
4	MOUNTING PLATE		2	

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)



NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC 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.

REV.	DATE	DESCRIPTION	DWN.	APPD.

SCALE X
DIM. IN mm
DESIGNED
DRAWN
CHECKED
APPROVED
DATE

CONNECTOR USED FOR FPC WITH 0.5 MM CONTACT SPACING

CAT NO.

SFV__R-3ST__

DRAWING NO: JSA 92601

REV:

DF-136
REV.B

FCI

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 4 R-3/4ST__	7.5	5.9	1.5	1.6
5	SFV 5 R-3/4ST__	8.0	6.4	2.0	2.1
6	SFV 6 R-3/4ST__	8.5	6.9	2.5	2.6
7	SFV 7 R-3/4ST__	9.0	7.4	3.0	3.1
8	SFV 8 R-3/4ST__	9.5	7.9	3.5	3.6
9	SFV 9 R-3/4ST__	10.0	8.4	4.0	4.1
10	SFV10 R-3/4ST__	10.5	8.9	4.5	4.6
11	SFV11 R-3/4ST__	11.0	9.4	5.0	5.1
12	SFV12 R-3/4ST__	11.5	9.9	5.5	5.6
13	SFV13 R-3/4ST__	12.0	10.4	6.0	6.1
14	SFV14 R-3/4ST__	12.5	10.9	6.5	6.6
15	SFV15 R-3/4ST__	13.0	11.4	7.0	7.1
16	SFV16 R-3/4ST__	13 5	11.9	7.5	7.6
17	SFV17 R-3/4ST__	14 0	12.4	8.0	8 1
18	SFV18 R-3/4ST__	14 5	12.9	8.5	8.6
19	SFV19 R-3/4ST__	15 0	13.4	9.0	9 1
20	SFV20R-3/4ST__	15 5	13.9	9.5	9.6
21	SFV21R-3/4ST__	16 0	14.4	10.0	10 1
22	SFV22R-3/4ST__	16.5	14.9	10.5	10.6
23	SFV23R-3/4ST__	17.0	15.4	11.0	11.1
24	SFV24R-3/4ST__	17.5	15.9	11.5	11.6
25	SFV25R-3/4ST__	18.0	16.4	12.0	12.1
26	SFV26R-3/4ST__	18.5	16.9	12.5	12.6
27	SFV27R-3/4ST__	19.0	17.4	13.0	13.1
28	SFV28R-3/4ST__	19.5	17.9	13.5	13.6
29	SFV29R-3/4ST__	20.0	18.4	14.0	14.1
30	SFV30R-3/4ST__	20.5	18.9	14.5	14.6
31	SFV31R-3/4ST__	21.0	19.4	15.0	15.1
32	SFV32R-3/4ST__	21.5	19.9	15.5	15.6
33	SFV33R-3/4ST__	22.0	20.4	16.0	16.1
34	SFV34R-3/4ST__	22.5	20.9	16.5	16.6
35	SFV35R-3/4ST__	23.0	21.4	17.0	17.1

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

- 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

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.

REV.	DATE	DESCRIPTION	DWN.	APPD.

SCALE X
DIM. IN mm
DESIGNED
DRAWN
CHECKED
APPROVED
DATE

CAT. NO. TABLE FOR 0.5 mm CONTACT SPACING CONNECTOR

CAT NO.

SFV__R-3/4ST__

DRAWING NO	REV
JSA 92600	

DF-136
REV.B

FCI

CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE3)		
		F ±5	G ±03	H ±01
4	SFV 4R-3/4STE1	20 4	16	—
5	SFV 5R-3/4STE1	20 4	16	—
6	SFV 6R-3/4STE1	20 4	16	—
7	SFV 7R-3/4STE1	28 4	24	—
8	SFV 8R-3/4STE1	28 4	24	—
9	SFV 9R-3/4STE1	28 4	24	—
10	SFV10R-3/4STE1	28.4	24	—
11	SFV11R-3/4STE1	28.4	24	—
12	SFV12R-3/4STE1	28.4	24	—
13	SFV13R-3/4STE1	28.4	24	—
14	SFV14R-3/4STE1	28.4	24	—
15	SFV15R-3/4STE1	28.4	24	—
16	SFV16R-3/4STE1	28.4	24	—
17	SFV17R-3/4STE1	28.4	24	—
18	SFV18R-3/4STE1	28.4	24	—
19	SFV19R-3/4STE1	28.4	24	—
20	SFV20R-3/4STE1	28.4	24	—
21	SFV21R-3/4STE1	28.4	24	—
22	SFV22R-3/4STE1	28.4	24	—
23	SFV23R-3/4STE1	36.4	32	28.4
24	SFV24R-3/4STE1	36.4	32	28.4
25	SFV25R-3/4STE1	36.4	32	28.4
26	SFV26R-3/4STE1	36 4	32	28.4
27	SFV27R-3/4STE1	36 4	32	28.4
28	SFV28R-3/4STE1	36.4	32	28.4
29	SFV29R-3/4STE1	36 4	32	28.4
30	SFV30R-3/4STE1	36 4	32	28.4
31	SFV31R-3/4STE1	48 4	44	40.4
32	SFV32R-3/4STE1	48 4	44	40.4
33	SFV33R-3/4STE1	48 4	44	40.4
34	SFV34R-3/4STE1	48.4	44	40.4
35	SFV35R-3/4STE1	48.4	44	40.4

CAT. NO.

SFV (n) R - 3 ST E1

- 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

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.

REV.	DATE	DESCRIPTION	DWN.	APPD.

SCALE X

DIM. IN mm

DESIGNED

DRAWN

CHECKED

APPROVED

DATE

CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR

CAT NO.

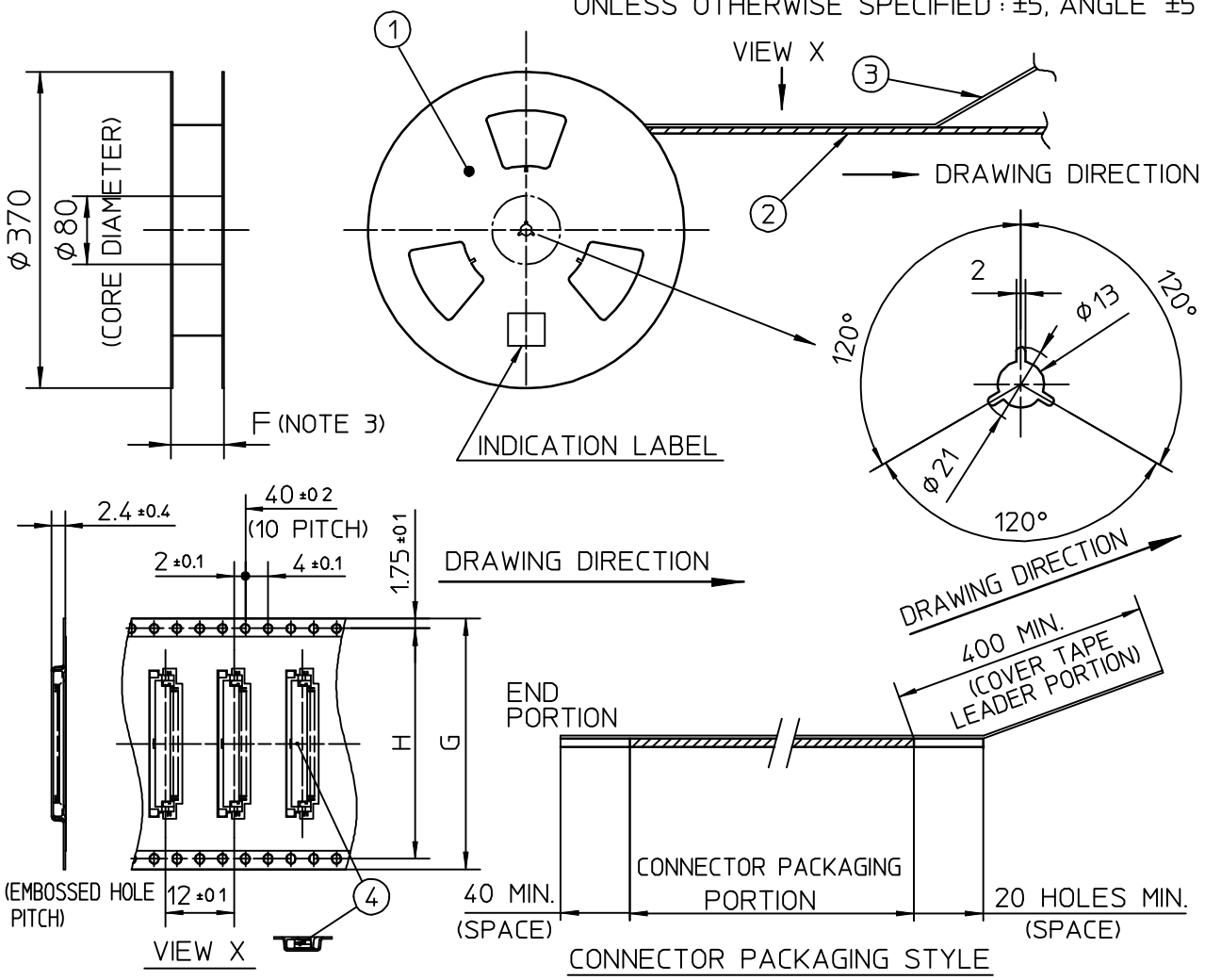
SFV__R-3/4STE1

DRAWING NO	REV
JSA 92603	

DF-136 REV.B

FCI

TOLERANCES
UNLESS OTHERWISE SPECIFIED : ±5, ANGLE ±5°



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-3ST__	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.

REV.	DATE	DESCRIPTION	DWN.	APPD.

SCALE X
DIM. IN mm
DESIGNED
DRAWN
CHECKED
APPROVED
DATE

PLASTIC TAPE PACKAGED
0.5 mm CONTACT SPACING CONNECTOR

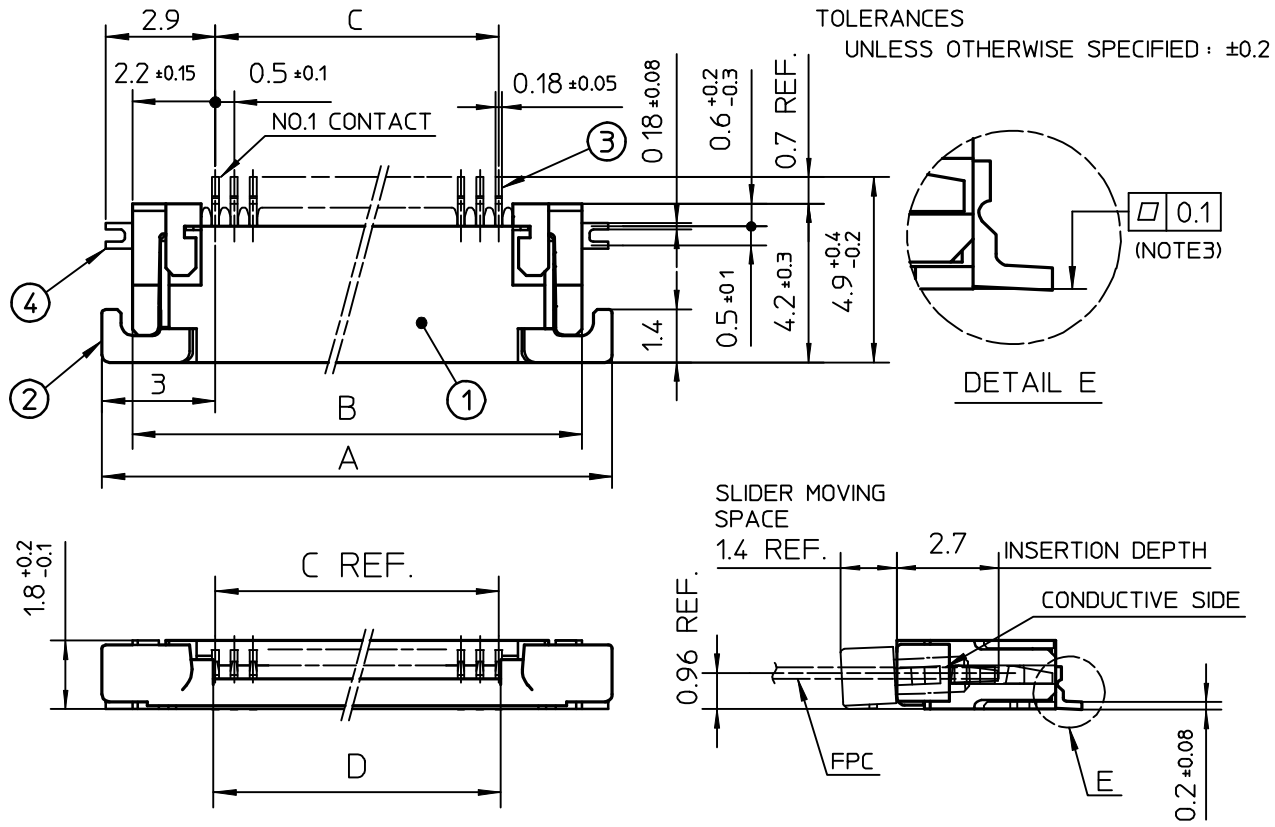
CAT NO.
SFV__R-3STE1

DRAWING NO
JSA 92604

REV

DF-136
REV.B

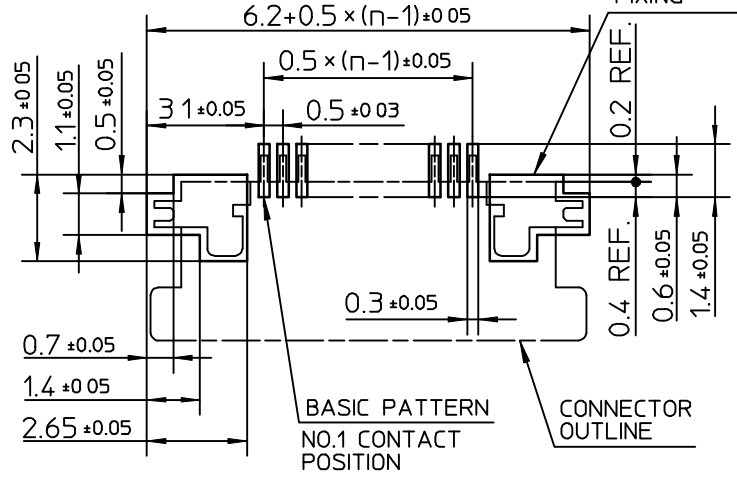
FCI



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 : TIN ALLOY
4	MOUNTING PLATE		2	

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)



NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC 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.

REV.	DATE	DESCRIPTION	DWN.	APPD.

SCALE %
DIM. IN mm
DESIGNED
DRAWN
CHECKED
APPROVED
DATE

CONNECTOR USED FOR FPC WITH 0.5 MM CONTACT SPACING

CAT NO.

SFV__R-4ST__

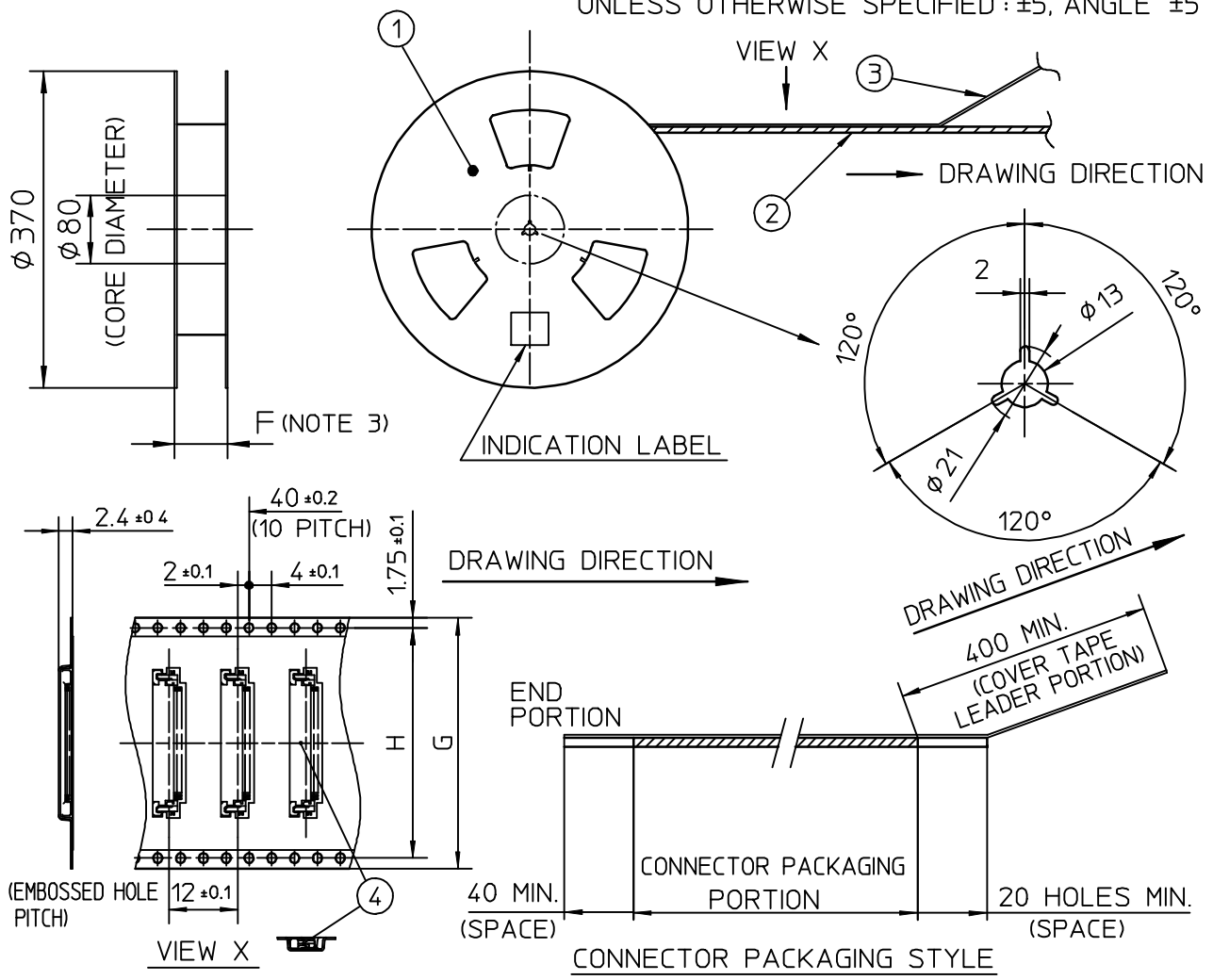
DRAWING NO: JSA 92602

REV:

DF-136
REV.B

FCI

TOLERANCES
UNLESS OTHERWISE SPECIFIED : ±5, ANGLE ±5°



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__	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.

REV.	DATE	DESCRIPTION	DWN.	APPD.

SCALE	X
DIM. IN	mm
DESIGNED	
DRAWN	
CHECKED	
APPROVED	
DATE	

PLASTIC TAPE PACKAGED
0.5 mm CONTACT SPACING CONNECTOR

CAT NO.

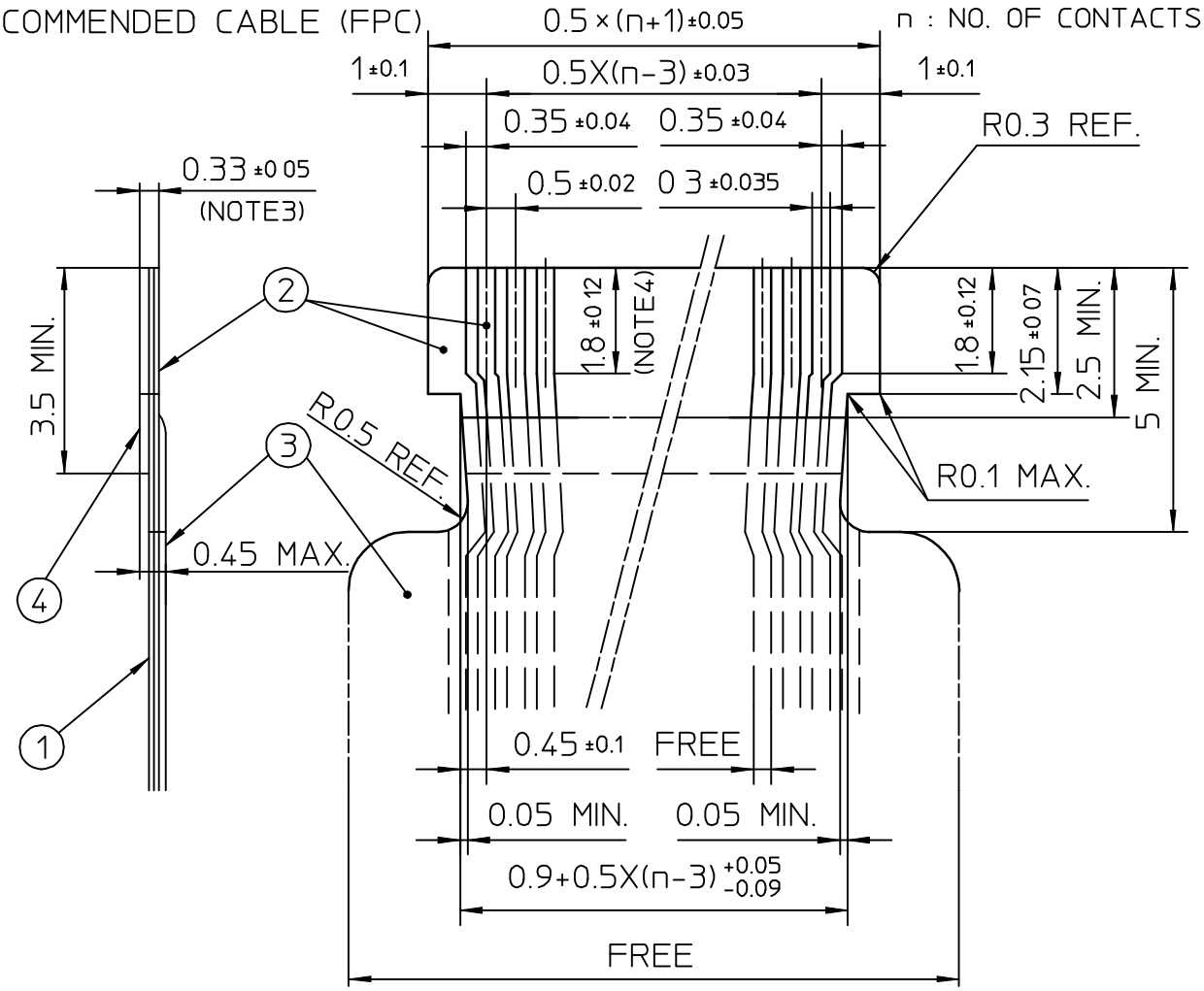
SFV__R-4STE1

DRAWING NO	REV
JSA 92605	

DF-136
REV.B

FCI

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.

REV.	DATE	DESCRIPTION	DWN.	APPD.

SCALE X	RECOMMENDED CABLE
DIM. IN mm	CAT NO.
DESIGNED	SFV__R-3/4ST__
DRAWN	DRAWING NO / REV
CHECKED	JSA 92606
APPROVED	DF-136 REV.B
DATE	FCI