

RECOMMENDED CABLE (FFC)

0.5 × (n+1) ± 0.07

0.5 ± 0.07

0.5 ± 0.07

0.5 ± 0.07

0.5 ± 0.07

0.5 ± 0.07

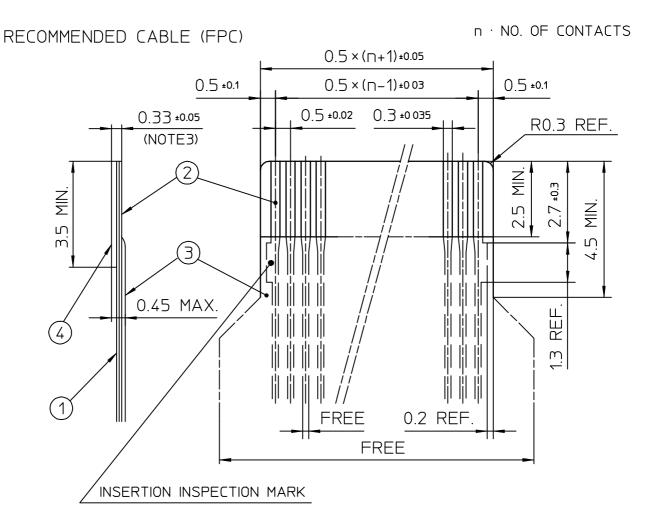
0.5 ± 0.07

KIND OF	DIMENSIONAL TOLERANCE							
(NOTE3)	а	Ь		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 14m MIN.
3	SUPPORTING TAPE	FLAME RESISTING POLYESTER OR EQUAL	

- 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.

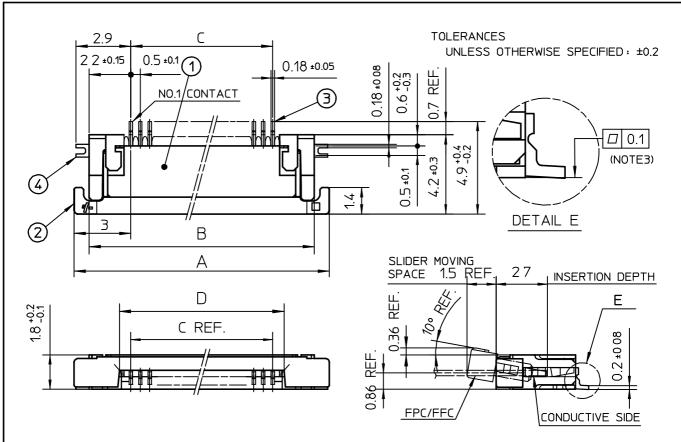
					scale \propto	RECOMMENDED CABLE	Ξ
					DIM. IN mm	CAT NO.	
					DESIGNED	SFVR-1/2ST	
					DRAWN	DRAWING NO	REV
					CHECKED	JSA 92457	
					APPROVED	DF R	=-136 EV.B
REV.	DATE	DESCRIPTION	DWN.	APPD.	DATE	Z FCI	



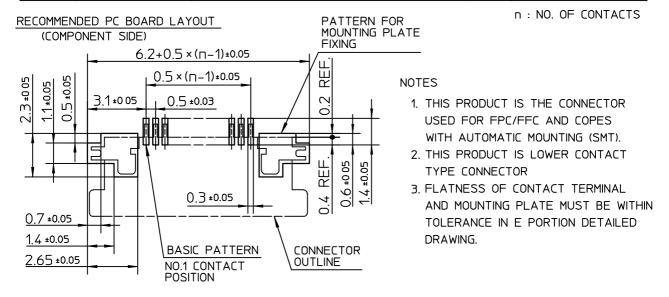
PT. NO.	PARTS NAME	MATERIAL	THICKNESS(#m)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUAL	25
2	CONDUCTOR	COPPER FOIL(PLATING : SOLDER 14m MIN.)	35
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUAL	
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUAL	188

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

					scale χ	RECOMMENDED CABLE	
					DIM. IN mm	CAT NO.	
					DESIGNED	SFVR-1/2ST	
					DRAWN	DRAWING NO	REV
					CHECKED	JSA 92456	
					APPROVED		=-136 EV.B
REV.	DATE	DESCRIPTION	DWN.	APPD.	DATE	Z FCI	

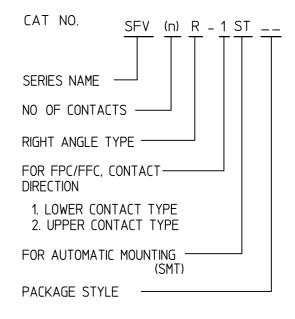


PT. NO	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BROWN
3	CONTACT	DUACDUAD DOONZE	П	DI ATING TINI ALLOY
4	MOUNTING PLATE	PHOSPHOR BRONZE	2	PLATING:TIN ALLOY



					SCALE	X	CONNECTOR USED FOR FPC/F WITH 0.5 MM CONTACT SI	FC PACING
					DIM. IN	mm	CAT NO.	
					DESIGNED		SFV_R-1ST_	
					DRAWN		DRAWING NO	REV
					CHECKED		JSA 92451	
					APPROVED		D F	F-136 REV.B
REV.	DATE	DESCRIPTION	DWN.	APPD.	DATE		7 FCI	

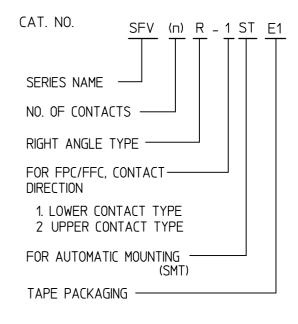
NO OF		DII	MENSIO	NS (NO	OTE2)
CONTACTS (n)	CAT. NO.	A ± 0.2	B ± 02	(± 01	D ± 01
4	SFV4R-1/2ST	7.5	5.9	1.5	2.7
5	SFV5R-1/2ST	80	6.4	2.0	3.2
6	SFV6R-1/2ST	8.5	6.9	2.5	3.7
7	SFV7R-1/2ST	90	7.4	3.0	4.2
8	SFV8R-1/2ST	95	7.9	3.5	4.7
9	SFV9R-1/2ST	100	8.4	4.0	5.2
10	SFV10R-1/2ST	105	8.9	4.5	5.7
11	SFV11R-1/2ST	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	165	14.9	10.5	11.7
23	SFV23R-1/2ST	170	15.4	11.0	12.2
24	SFV24R-1/2ST	175	15.9	11.5	12.7
25	SFV25R-1/2ST	18 0	16.4	12.0	13.2
26	SFV26R-1/2ST	185	16.9	12.5	13.7
27	SFV27R-1/2ST	190	17.4	13.0	14.2
28	SFV28R-1/2ST	195	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



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

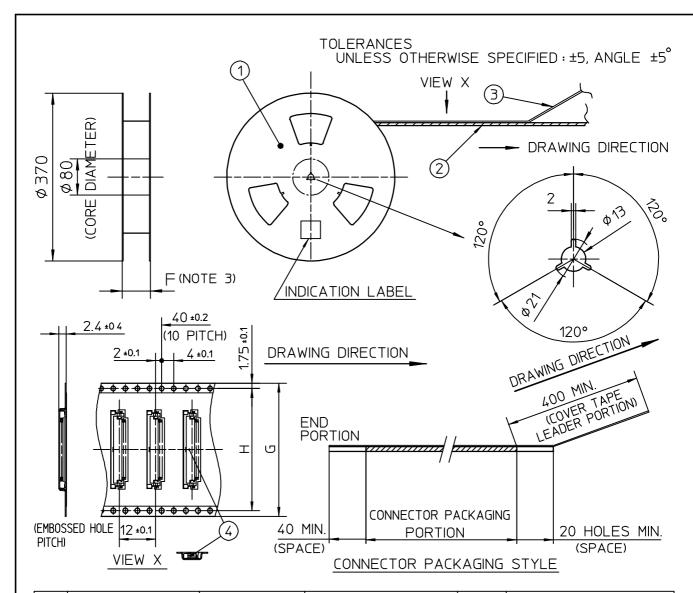
					SCALE χ	CAT NO. TABLE FOR 0.5 m. CONTACT SPACING CONNEC	
					DIM. IN mm	CAT NO.	
					DESIGNED	SFVR-1/2ST	
					DRAWN	DRAWING NO	REV
					CHECKED	JSA 92450	
					APPROVED	DF R	=-136 EV.B
REV.	DATE	DESCRIPTION	DWN.	APPD.	DATE	Z FCI	

NO. OF	*****		SIONS (NO	OTE3)
CONTACTS (n)	CAT. NO.	F±5	(j ± 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



- 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.

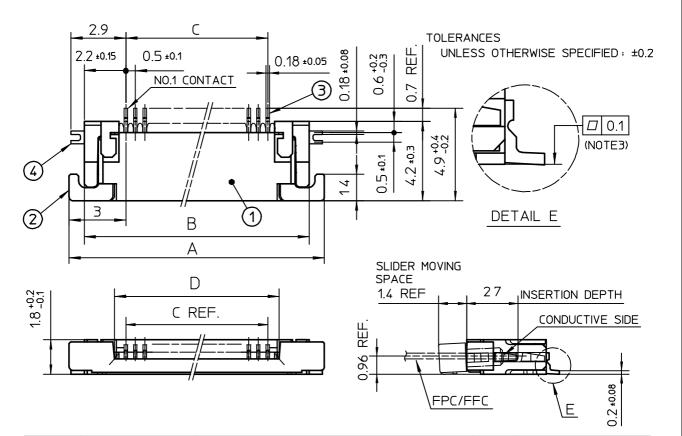
					scale χ		CAT NO TABLE FOR PLASTIC TAPE PA 0.5 mm CONTACT SPACING CONNECTOR	ACKAGED
					DIM. IN mm	۱ [CAT NO.	
					DESIGNED		SFV_R-1/2STE1	
					DRAWN		DRAWING NO	REV
					CHECKED		JSA 92453	
					APPROVED		Di F	F-136 REV.B
REV.	DATE	DESCRIPTION	DWN.	APPD.	DATE		Z FCI	. –



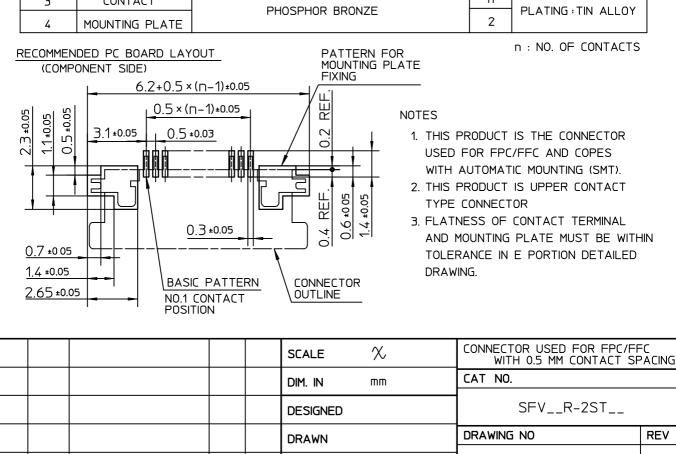
PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL		CARDBOARD	1	COLOR : WHITE
2	PLASTIC (EMBOSS) TAPE		A-PET		COLOR:TRANSPARENCY
3	COVER		POLYESTER		COLOR:TRANSPARENCY
4	CONNECTOR	SFVR-1ST	SEE ATTACHED DWG.	3000	LOWER CONTACT TYPE

- 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.

					SCALE	χ	PLASTIC TAPE PACKAGED 05 mm CONTACT SPACING CONI	NECTOR
					DIM. IN	mm	CAT NO.	NEC TOIL
					DESIGNED		SFVR-1STE1	
					DRAWN		DRAWING NO	REV
					CHECKED		JSA 92454	
					APPROVED			DF-136 REV.B
REV.	DATE	DESCRIPTION	DWN.	APPD.	DATE		7 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	П	DI ATING TIN ALLOY
4	MOUNTING PLATE	PHUSPHUR BRUNZE	2	PLATING:TIN ALLOY



CHECKED

APPROVED

DATE

DWN. APPD.

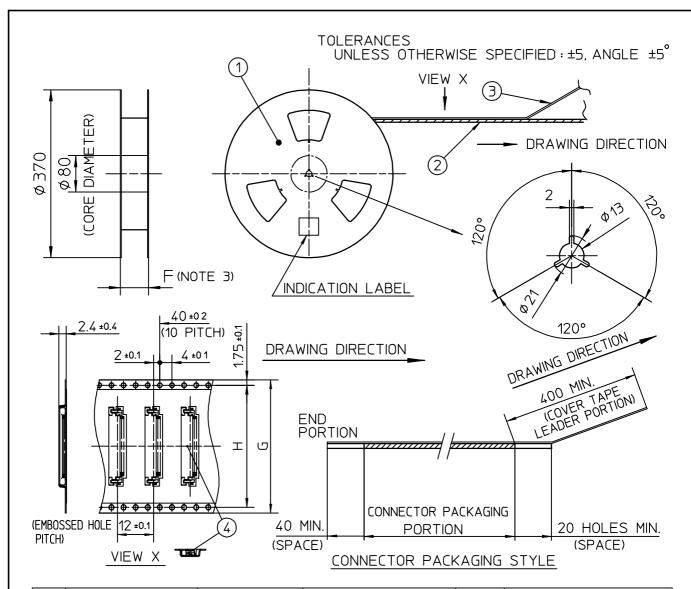
REV.

DATE

DESCRIPTION

JSA 92452

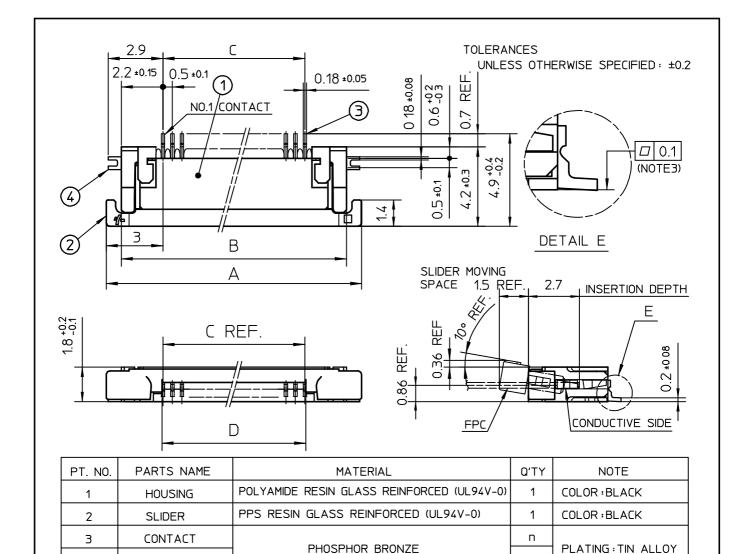
DF-136 REV.B

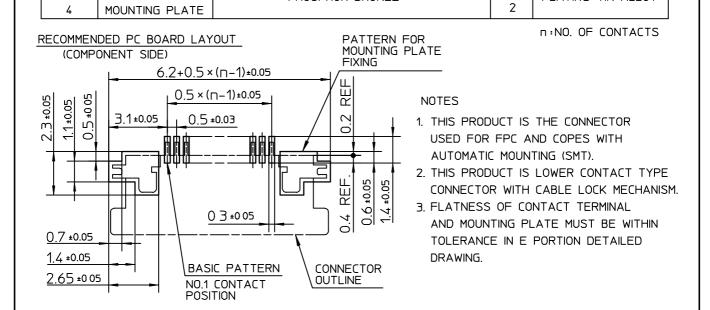


PT. NO	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL		CARDBOARD	1	COLOR : WHITE
2	PLASTIC (EMBOSS) TAPE		A-PET		COLOR:TRANSPARENCY
3	COVER		POLYESTER		COLOR:TRANSPARENCY
4	CONNECTOR	SFVR-2ST	SEE ATTACHED DWG.	3000	UPPER CONTACT TYPE

- 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.

					scale χ	PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONN	ECTOR
					DIM. IN MM	CAT NO.	
					DESIGNED	SFVR-2STE1	
					DRAWN	DRAWING NO	REV
					CHECKED	JSA 92455	
					APPROVED	DI R	=-136 EV.B
REV.	DATE	DESCRIPTION	DWN.	APPD.	DATE	I FCI	





SCALE

DIM. IN

DESIGNED

DRAWN

CHECKED

APPROVED

DATE

DWN. APPD.

REV.

DATE

DESCRIPTION

χ

mm

CONNECTOR USED FOR FPC WITH 0.5 MM CONTACT SPACING

SFV__R-3ST__

JSA 92601

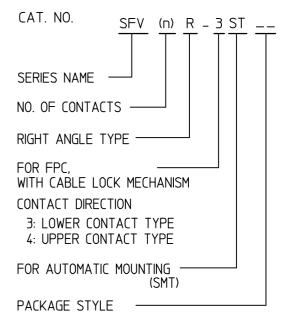
REV

DF-136 REV.B

CAT NO.

DRAWING NO

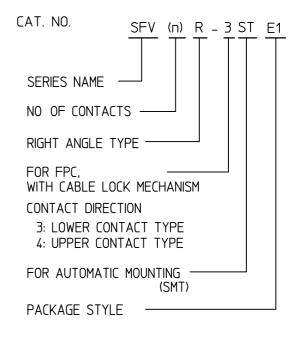
NO OF	C. T. 110	DII	MENSIC	NS (NO	TE2)
CONTACTS (n)	CAT NO	A ± 0.2	B ± 0.2	(± 0.1	D ± 0.1
4	SFV 4 R-3/4ST	7.5	5.9	1.5	1.6
5	SFV 5 R-3/4ST	8.0	6.4	2.0	2.1
6	SFV 6 R-3/4ST	8.5	6.9	2.5	2.6
7	SFV 7 R-3/4ST	9.0	7.4	3.0	3.1
8	SFV 8 R-3/4ST	9.5	7.9	3.5	3.6
9	SFV 9 R-3/4ST	10.0	8.4	4.0	4.1
10	SFV10R-3/4ST	10.5	8.9	4.5	4.6
11	SFV11 R-3/4ST	11.0	9.4	5.0	5.1
12	SFV12R-3/4ST	11.5	9.9	5.5	5.6
13	SFV13R-3/4ST	12.0	10.4	6.0	6.1
14	SFV14R-3/4ST	12.5	10.9	6.5	6.6
15	SFV15R-3/4ST	13.0	11.4	7.0	7.1
16	SFV16R-3/4ST	135	11.9	7.5	7.6
17	SFV17R-3/4ST	14 0	12.4	8.0	81
18	SFV18R-3/4ST	145	12.9	8.5	8.6
19	SFV19R-3/4ST	150	13.4	9.0	91
20	SFV20R-3/4ST	155	13.9	9.5	9.6
21	SFV21R-3/4ST	160	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



- 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.

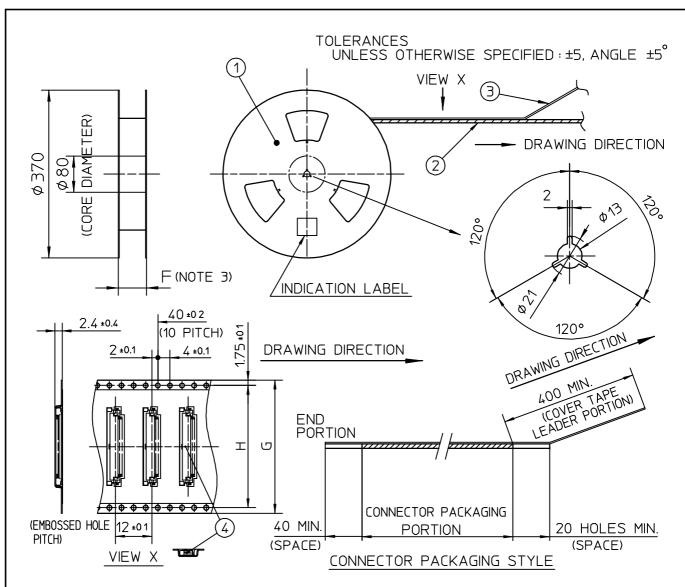
					scale χ	CAT. NO. TABLE FOR 0.5 mm CONTACT SPACING CONNECTOR
					DIM. IN mm	CAT NO.
					DESIGNED	SFVR-3/4ST
					DRAWN	DRAWING NO REV
					CHECKED	JSA 92600
					APPROVED	DF-136 REV.B
REV.	DATE	DESCRIPTION	DWN.	APPD.	DATE	Z FCI

NO. OF	CAT NO	DIMEN	SIONS (NO	OTE3)
CONTACTS (n)	CAT. NO.	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	SFV11 R-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



- 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.

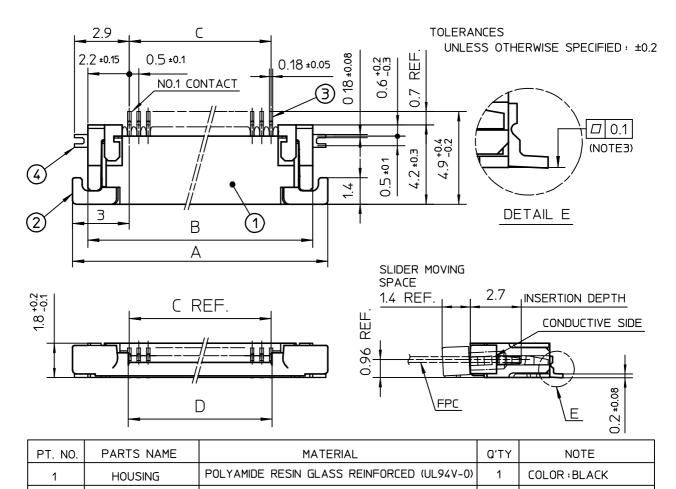
					SCALE	\propto	CAT. NO. TABLE FOR PLASTIC TAPE PA 0.5 mm CONTACT SPACING CONNECTOR	ACKAGED	
					DIM. IN	mm	CAT NO.		
					DESIGNED		SFVR-3/4STE1		
					DRAWN		DRAWING NO	REV	
					CHECKED		JSA 92603		
					APPROVED		D F	F-136 REV.B	
REV.	DATE	DESCRIPTION	DWN.	APPD.	DATE		Z FCI		

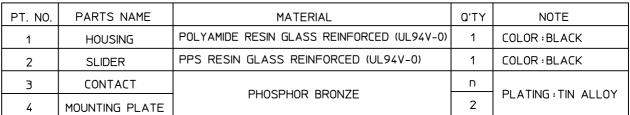


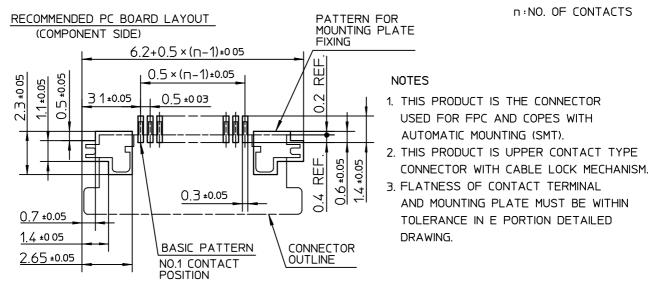
PT. NO.	PARTS NAME	CAT. NO	MATERIAL	Q'TY	NOTE
1	REEL		CARDBOARD	1	COLOR : WHITE
2	PLASTIC (EMBOSS) TAPE		A-PET		COLOR:TRANSPARENCY
3	COVER		POLYESTER		COLOR:TRANSPARENCY
4	CONNECTOR	SFVR-3ST	SEE ATTACHED DWG.	3000	LOWER CONTACT TYPE WITH CABLE LOCK MECHANISM

- 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.

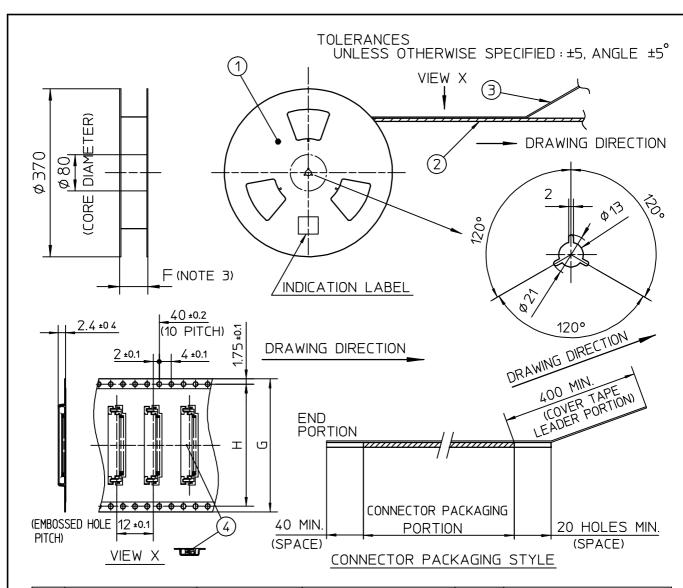
					SCALE	X	PLASTIC TAPE PACKAGED 05 mm CONTACT SPACING CONN	ECTOR
					DIM. IN	mm	CAT NO.	
					DESIGNED		SFVR-3STE1	
					DRAWN		DRAWING NO	REV
					CHECKED		JSA 92604	
					APPROVED		DI R	F-136 REV.B
REV.	DATE	DESCRIPTION	DWN.	APPD.	DATE		7/FCI	







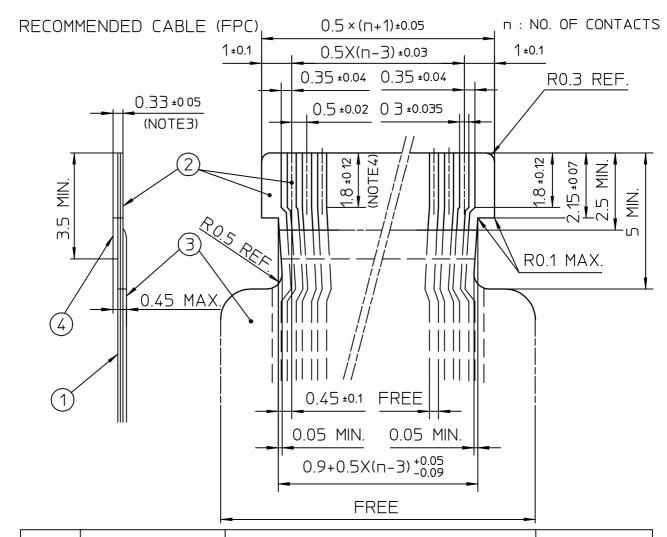
					SCALE	X	CONNECTOR USED FOR FPC WITH 05 MM CONTACT SPA	CING
					DIM. IN	mm	CAT NO.	
					DESIGNED		SFV_R-4ST_	
					DRAWN		DRAWING NO	REV
					CHECKED		JSA 92602	
					APPROVED		D F	F-136 REV.B
REV.	DATE	DESCRIPTION	DWN.	APPD.	DATE		FCI	



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	SFVR-4ST	SEE ATTACHED DWG.	3000	UPPER CONTACT TYPE WITH CABLE LOCK MECHANISM

- 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.

					SCALE	χ	PLASTIC TAPE PACKAGED 05 mm CONTACT SPACING CONNI	ECTOR
					DIM. IN	mm	CAT NO.	
					DESIGNED		SFVR-4STE1	
					DRAWN		DRAWING NO	REV
					CHECKED		JSA 92605	
					APPROVED		DI R	=-136 EV.B
REV.	DATE	DESCRIPTION	DWN.	APPD.	DATE		7 FCI	



PT. NO.	PARTS NAME	MATERIAL	THICKNESS(µm)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUAL	25
2	CONDUCTOR	COPPER FOIL(PLATING : SOLDER 14m MIN.)	35
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUAL	
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUAL	188

- 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±0035 CONDUCTOR WIDTH.

					scale χ	RECOMMENDED CABLE	
					DIM. IN mm	CAT NO.	
					DESIGNED	SFVR-3/4ST	
					DRAWN	DRAWING NO	REV
					CHECKED	JSA 92606	
					APPROVED		=-136 EV.B
REV.	DATE	DESCRIPTION	DWN.	APPD.	DATE	Z FCI	