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List of "SFV__R-1/2STE1" customer document

DOCUMENT NO.	LIST
SC-SFV01	SPEC.
JSA92450	CAT.NO.TABLE FOR 0.5mm CONTACT SPACING CONNECTOR (SFV__R-1/2ST_)
JSA92451	CONNECTOR USED FOR FPC/FFC WITH 0.5mm CONTACT SPACING (SFV__R-1ST_)
JSA92452	CONNECTOR USED FOR FPC/FFC WITH 0.5mm CONTACT SPACING (SFV__R-2ST_)
JSA92453	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-1/2STE1)
JSA92454	PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-1STE1)
JSA92455	PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-2STE1)
JSA92456	RECOMMENDED CABLE (FPC) (SFV__R-1/2ST_)
JSA92457	RECOMMENDED CABLE (FFC) (SFV__R-1/2ST_)
BJM-SFV101	HANDLING PROCEDURES

A

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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 0.5mm SPACING FPC/FFC CONNECTOR DOCUMENT LIST (Cat. No. : SFV__R-1/2STE1)											
A		J03-0196		H.T		'03/5/1		angles															
B		J06-0372		H.T		'06/9/7		linear		scale X		dwg no JSA 95808 sheet 1 of 1 size A4											
												type Product Customer Drawing											
sheet index		revision sheet		B		1																Rev. B	

form: A4

1

2

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	15	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

CAT. NO.

SFV (n) R - 1 ST __

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)

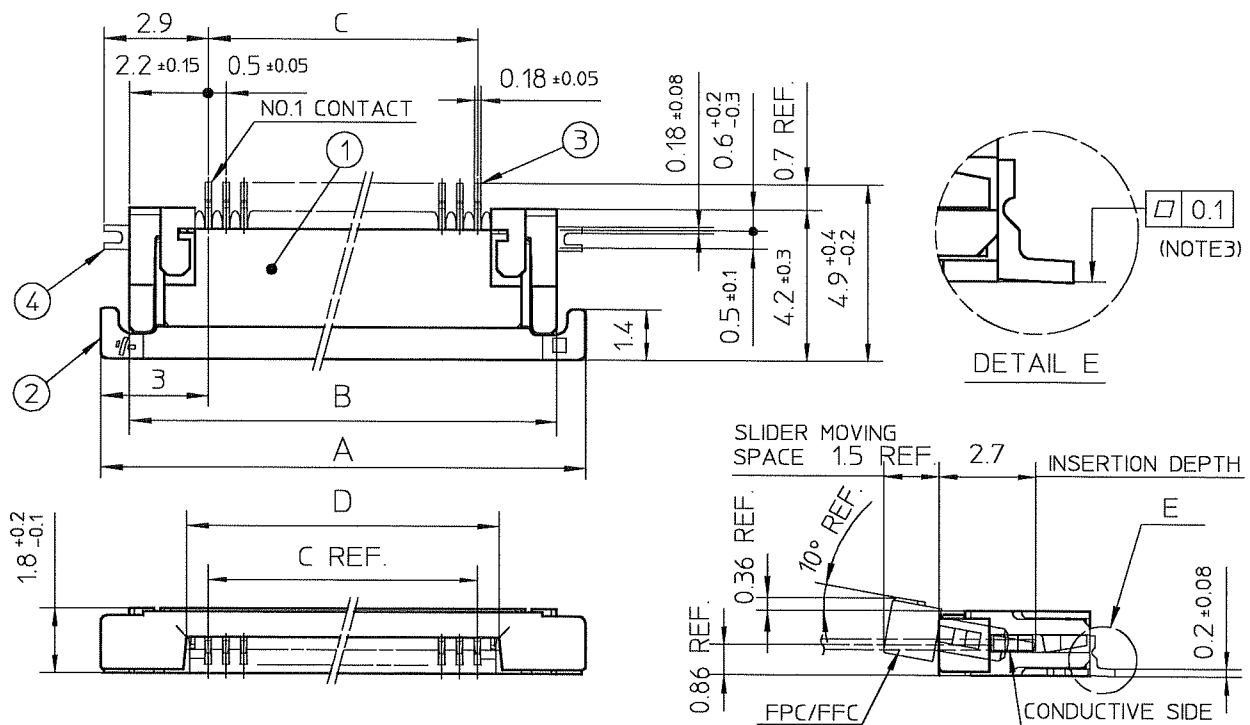
PACKAGE STYLE

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.

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__)			
1	—	S.I	'93/9/9	angles	linear							
2	—	M.H	'95/1/17									
3	—	M.I	'97/11/5					scale X	dwg no sheet 1 of 1 size JSA 92450 A4			
4	J00182	M.Y	'00/4/24	dr								
AA	J03-0196	H.T	'03/5/1	enr					type Product Customer Drawing			
AB	J06-0372	H.T	'06/9/7	chr								
				appd								
sheet index	revision sheet	AB	1									Rev. AB

SC-SFV01 JSA92451, 92452, 92453, 92454, 92455, 92456, 92457
form: A4

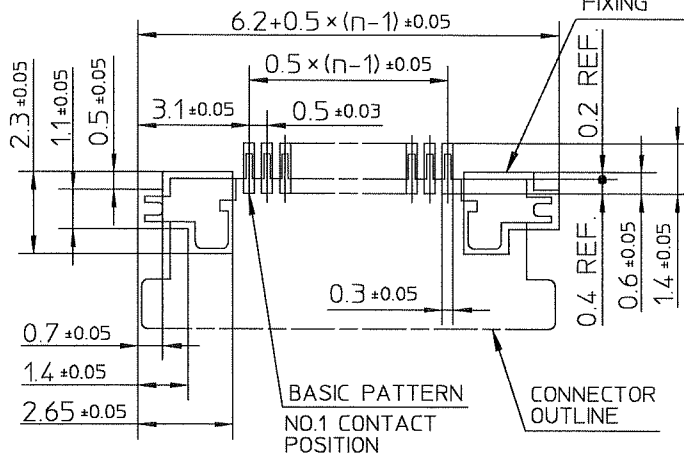


PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BROWN
3	CONTACT	PHOSPHOR BRONZE	1	PLATING : TIN ALLOY
4	MOUNTING PLATE		2	

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)

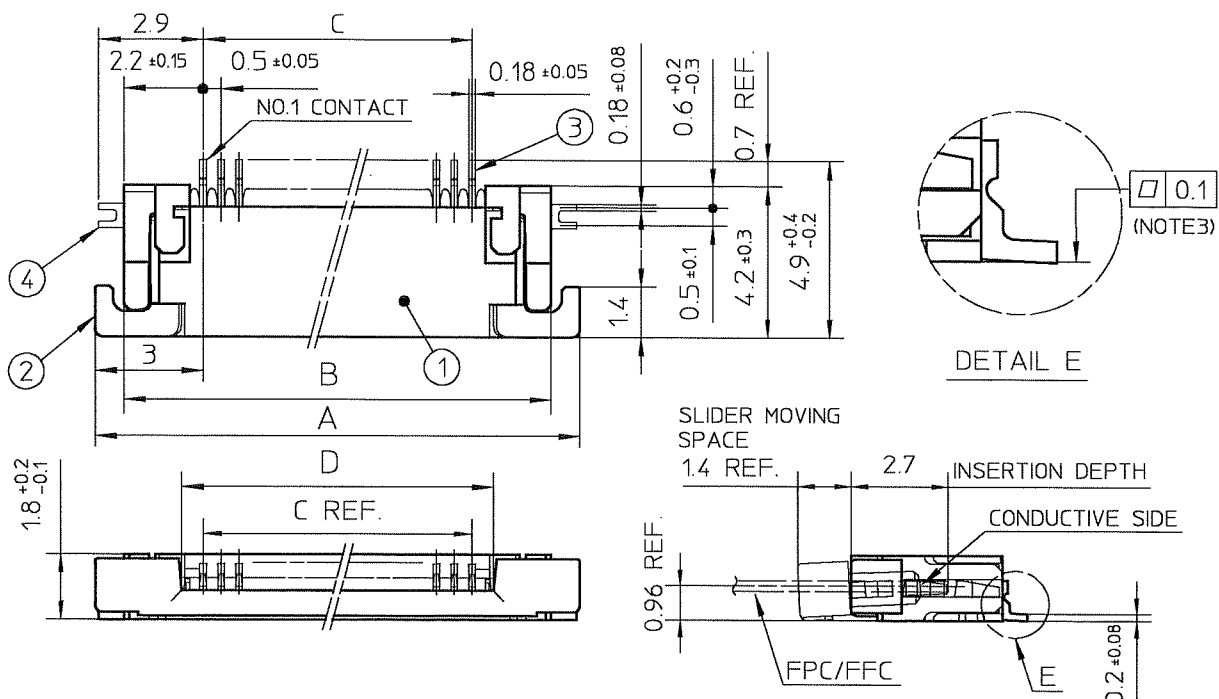
PATTERN FOR MOUNTING PLATE FIXING



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

[illegible]

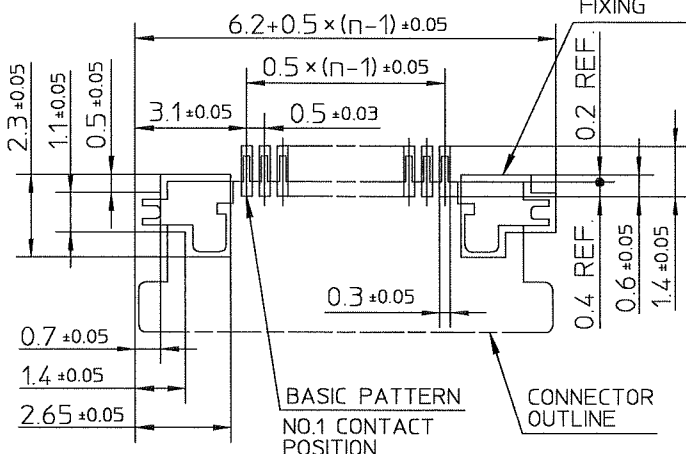


PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BROWN
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : TIN ALLOY
4	MOUNTING PLATE		2	

n : NO. OF CONTACTS

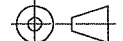
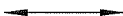
RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)

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 UPPER CONTACT TYPE CONNECTOR.
3. FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE MUST BE WITHIN TOLERANCE IN E PORTION DETAILED DRAWING.

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/FFC WITH 0.5 mm CONTACT SPACING (Cat. No. : SFV__R-2ST__)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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3	—	M.H	'95/11/10							scale X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
4	J00182	M.Y	'00/4/24	dr	<i>K. Shinoda</i>		9/7/06		dwg no sheet 1 of 1 size JSA 92452 A4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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SC-SFV01 JSA92450
form: A4

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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-1/2STE1	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

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC/FFC, CONTACT DIRECTION

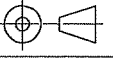
1. LOWER CONTACT TYPE
2. UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING (SMT)

TAPE PACKAGING

NOTES

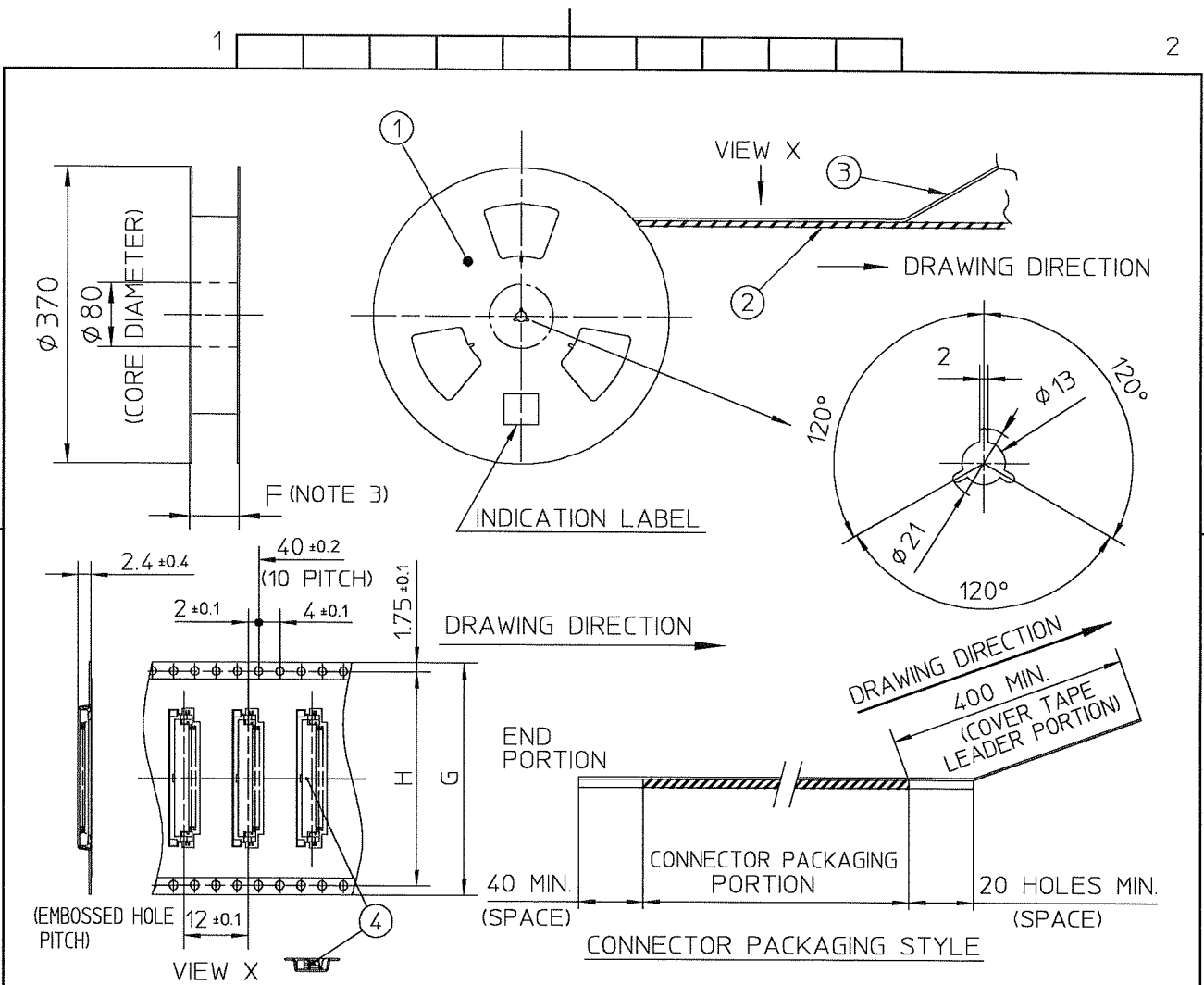
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPEs WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS F-H.

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			
4	—	M.I	'97/11/5	angles linear						CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-1/2STE1)			
5	J00182	M.Y	'00/4/24										
AA	J03-0196	H.T	'03/5/1	dr <i>K. Shouji</i> 9/7/06 enr <i>U. Takahashi</i> 9/7/06 chr <i>R. Shouji</i> 9/8/06 appd <i>S. Chudana</i> 9/11/06						scale $\times$			
AB	J06-0372	H.T	'06/9/7										
										dwg no JSA 92453 sheet 1 of 1 size A4			
										type Product Customer Drawing			
sheet index	revision sheet	AB 1	Rev. AB										

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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-1ST__	SEE ATTACHED DWG.	3000	LOWER CONTACT TYPE

NOTES

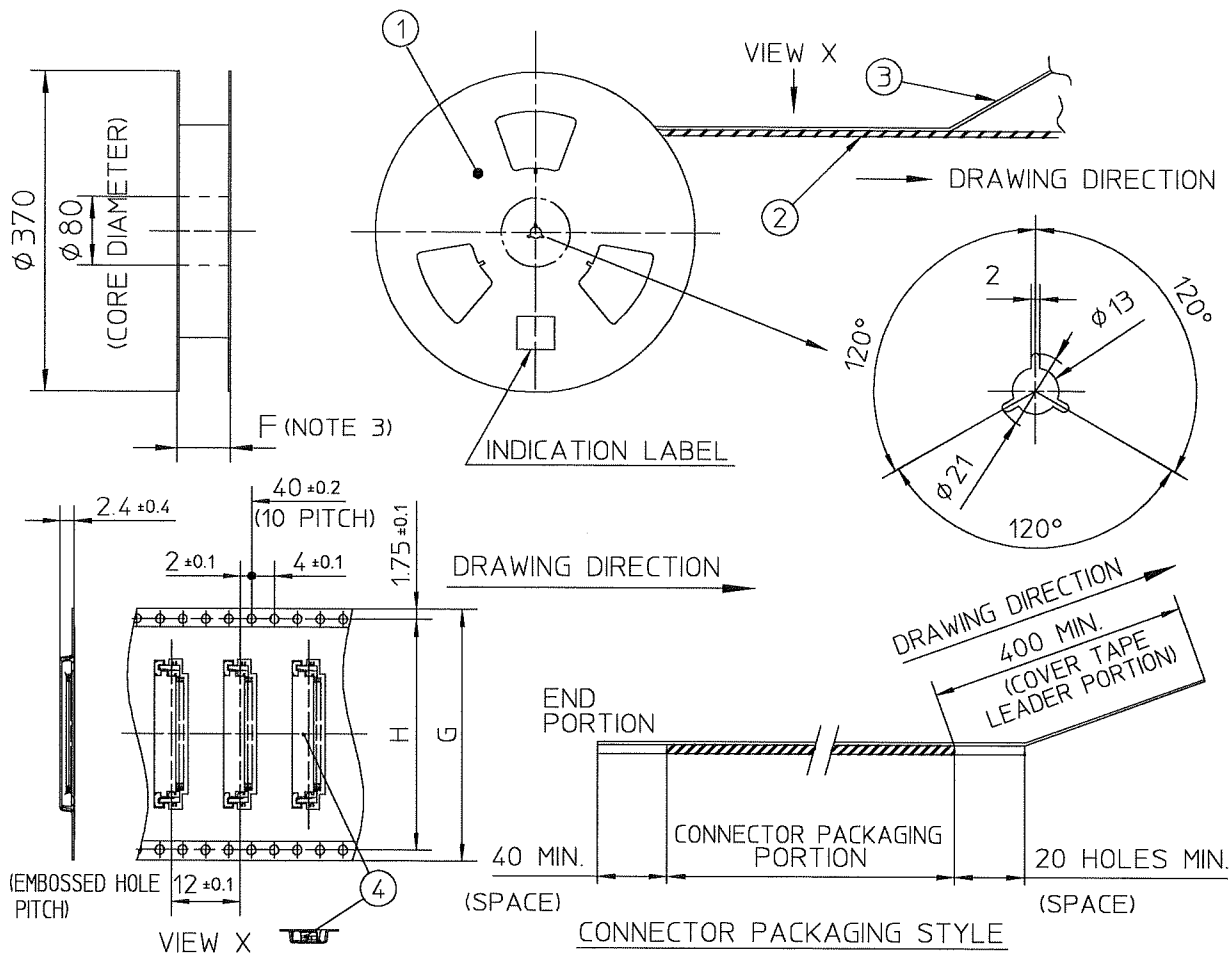
- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND CYPES WITH AUTOMATIC MOUNTING (SMT).
- SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
- F DIMENSION IS PORTION OF THE CORE.

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family 58EF			
litr				ecn no		dr		date		title		PLASTIC TAPE PACKAGED	
1				—		M.K		'96/7/3		0.5 mm CONTACT SPACING CONNECTOR		(Cat. No. : SFV__R-1STE1)	
AA				J03-0196		H.T		'03/5/1		angles		linear	
AB				J06-0372		H.T		'06/9/7		±5°		scale X	
										dwg no		sheet 1 of 1 size	
										JSA 92454		A4	
										type Product Customer Drawing			
sheet index				revision sheet		AB		1		Rev. AB			



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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-2ST__	SEE ATTACHED DWG.	3000	UPPER CONTACT TYPE

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND COPS 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.

CHANGED DRAWING PORTION
FORM CHANGED.

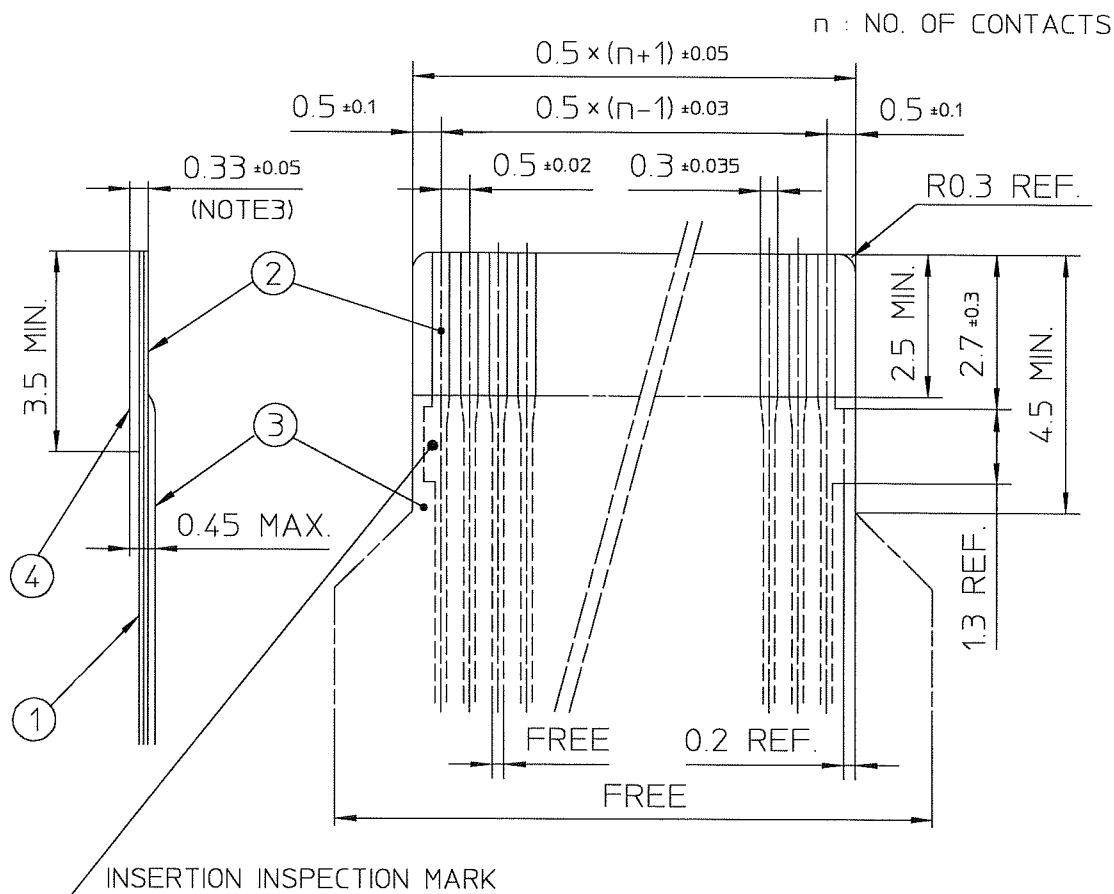
mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection ⊕	product family 58EF			
lfr	ecn no	dr	date	tolerances unless otherwise specified		⊕	title PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-2STE1)			
1	_____	M.K	'96/7/3	angles linear	±5					
AA	J03-0196	H.T	'03/5/1							
AB	J06-0372	H.T	'06/9/7		±5°					
				dr	9/7/06	FCI	dwg no JSA 92455			
				engr	9/7/06					
				chr	9/8/06					
				appd	9/11/06					
sheet index	revision sheet	AB 1					type Product Customer Drawing			
									Rev. AB	

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form: A4

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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

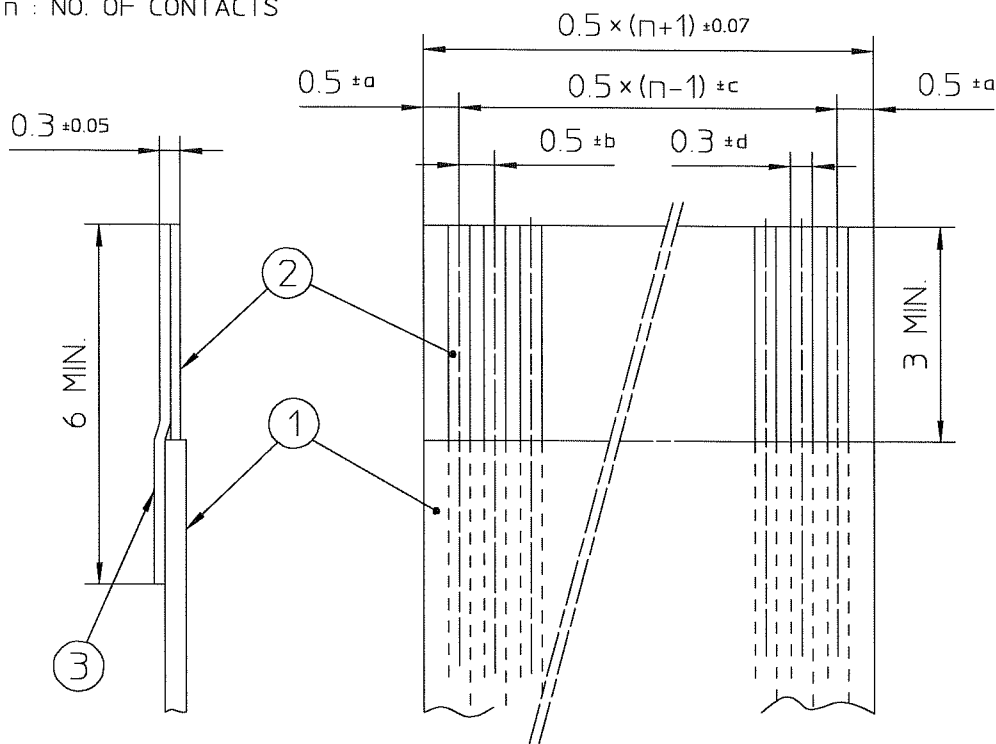
1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.
3. TOTAL THICKNESS LIMIT OF EACH MATERIAL (INCLUDING ADHESIVE AGENT) IS SPECIFIED.

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family 58EF				
ltr	ecn no	dr	date	tolerances unless otherwise specified						 FCJ		title RECOMMENDED CABLE (Cat. No. : SFV__R-1/2ST__)		
1	—	M.H	'94/12/8											
AA	J03-0196	H.T	'03/5/1	angles										
AB	J06-0372	H.T	'06/9/7	linear										
				dr	H. Shouji 9/9/06					dwg no		sheet 1 of 1	size	
				enr	H. Shouji 9/7/06					JSA 92456		A4		
				chr	R. Shouji 9/8/06					type Product Customer Drawing				
				appd	S. Shouji 9/11/06									
sheet index	revision sheet	AB	1											Rev. AB

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form: A4

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.

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 RECOMMENDED CABLE (Cat. No. : SFV__R-1/2ST__)			
1		S.I	'93/9/9	angles		linear		scale X		dwg no JSA 92457 sheet 1 of 1 size A4 type Product Customer Drawing			
2		M.H	'94/12/8										
AA	J03-0196	H.T	'03/5/1										
AB	J06-0372	H.T	'06/9/7										
AC	J06-0499	H.T	'06/11/27	dr			11/27/06	engr			11/27/06		
				chr			11/27/06	appd			11/27/06		
sheet index				revision sheet		AC 1							

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form: A4