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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

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 CONNECTOR DOCUMENT LIST (Cat. No. : SFV__R-3/4STE1LF)					
A	J04-0462	H.T	'04/12/17	angles	linear												
B	J05-0227	H.T	'05/4/14														
C	J06-0372	H.T	'06/9/17														
				dr	<i>H. Hoshino</i>		<i>9/7/06</i>				dwg no JSA 96150		sheet 1 of 1		size A4		
				enrg	<i>H. Hoshino</i>		<i>9/7/06</i>										
				chr	<i>R. Shouji</i>		<i>9/8/06</i>										
				appd	<i>S. Hoshino</i>		<i>9/11/06</i>										
sheet index		revision sheet		C	1											Rev. C	

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	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

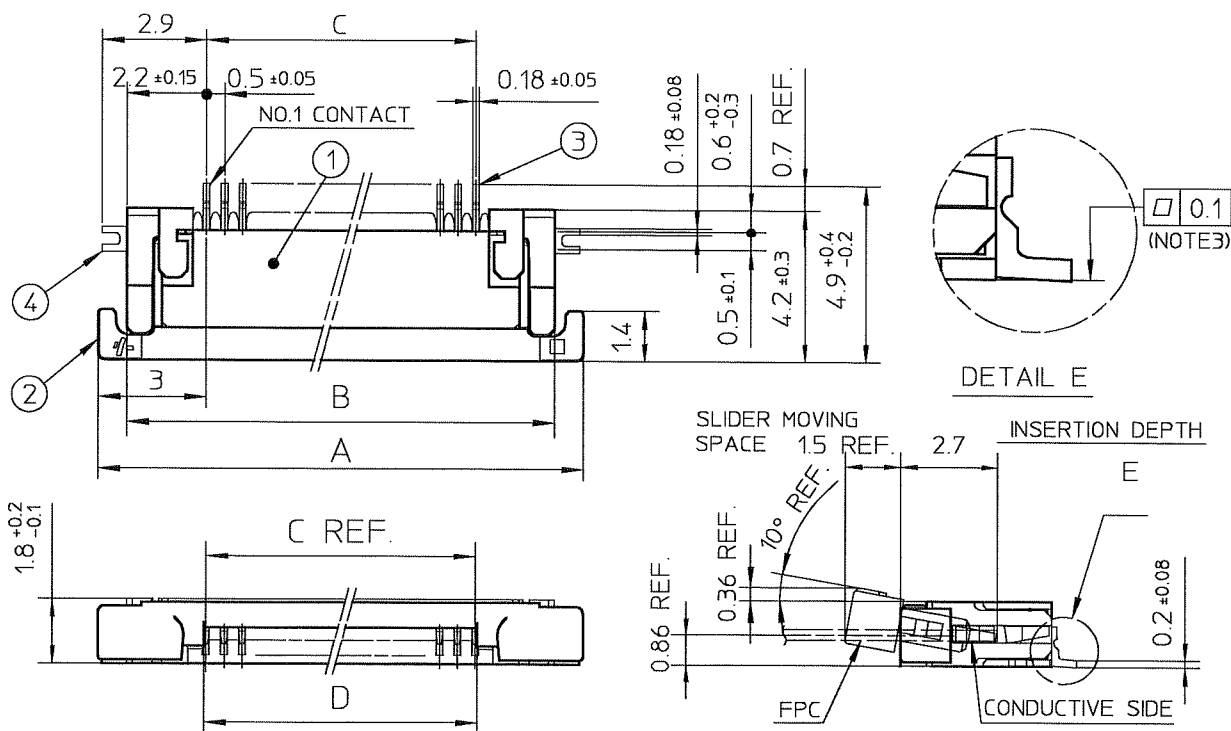
LEAD FREE

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.

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								CAT. NO. TABLE FOR 0.5 mm			
B	J05-0227	H.T	'05/4/14	angles	linear						CONTACT SPACING CONNECTOR			
C	J06-0372	H.T	'06/9/17							scale	2X	(Cat. No. : SFV__R-3/4ST__LF)		
				dr	K. Kishida		9/7/16			dwg no		sheet 1 of 1	size	
				engr	K. Kishida		9/7/16			JSA 96151		A4		
				chr	R. Shouji		9/8/16							
				appd	S. G. Janu		9/11/16							
sheet index	revision	C												
	sheet	1												
Rev. C														

SC-SFV04 JSA96152, 96153, 96154, 96155, 96156, 92606
form: A4

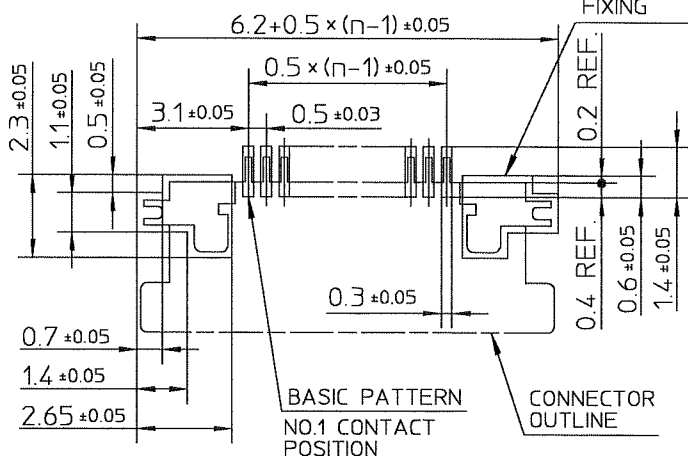


PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)	1	COLOR:BLACK
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR:BLACK
3	CONTACT	PHOSPHOR BRONZE	n	PLATING:MATTE PURE TIN NI UNDER PLATED (LEAD FREE)
4	MOUNTING PLATE		2	

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)

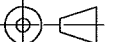
PATTERN FOR
MOUNTING PLATE
FIXING

n: NO. OF CONTACTS

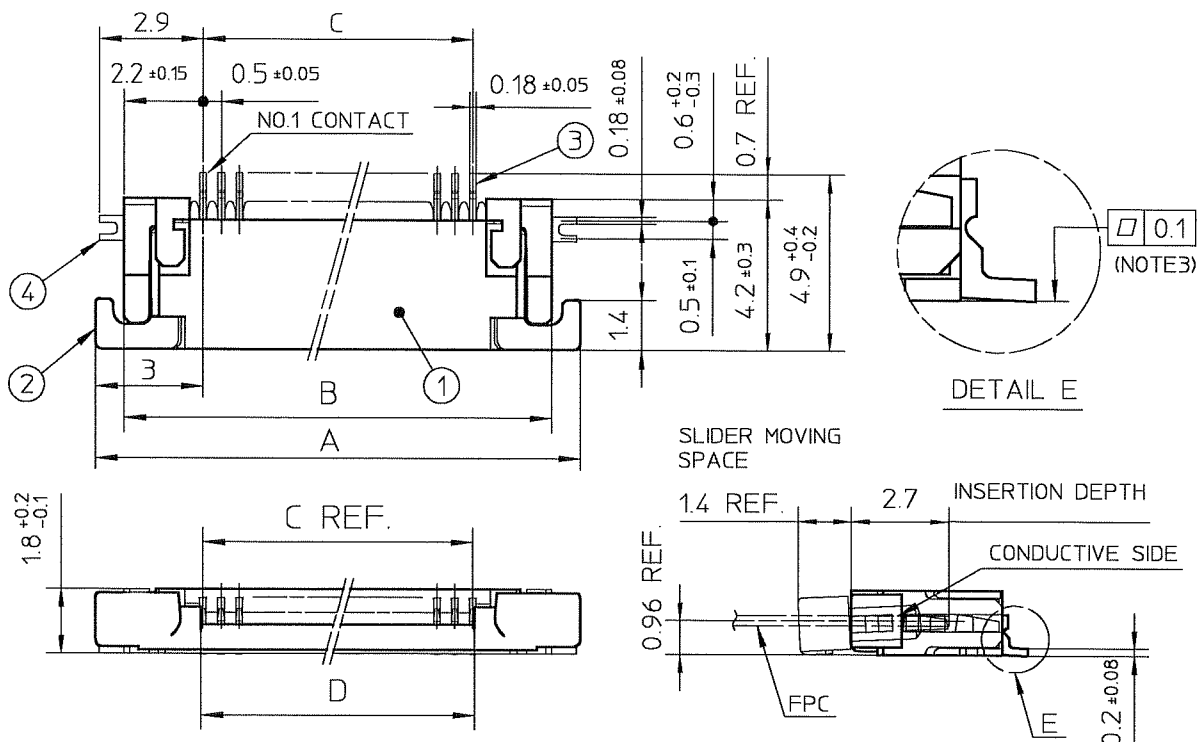


NOTES

- 1.THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COTES 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 $\propto$		dwg no JSA 96152					
D	J06-0064	H.T	'06/2/23	dr		9/7/06								sheet 1 of 1	
E	J06-0372	H.T	'06/9/7	engr		9/7/06				size A4					
				chr		9/8/06									
				appd		9/1/06									
sheet index		revision sheet		E	1										Rev. E

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form: A4

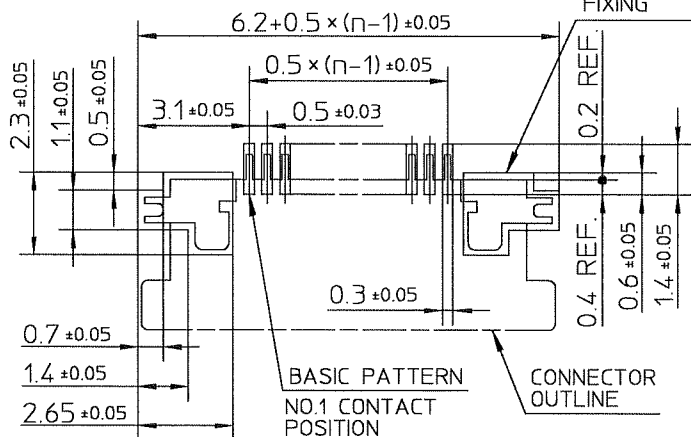


PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : MATTE PURE TIN Ni UNDER PLATED (LEAD FREE)
4	MOUNTING PLATE		2	

RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)

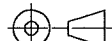
PATTERN FOR MOUNTING PLATE FIXING

n : NO. OF CONTACTS



NOTES

- 1.THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPS 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°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-4ST__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 $\propto$												
D	J06-0064	H.T	'06/2/23	dr	<i>[Signature]</i>		<i>9/7/06</i>			dwg no					sheet 1 of 1			size		
E	J06-0372	H.T	'06/9/17	engr	<i>[Signature]</i>		<i>9/7/06</i>			JSA 96153					A4					
				chr	<i>R. Shoua</i>		<i>9/8/06</i>													
				appd	<i>S. Chelaw</i>		<i>9/11/06</i>													
sheet index		revision sheet		E	1													Rev. E		

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form: A4

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.

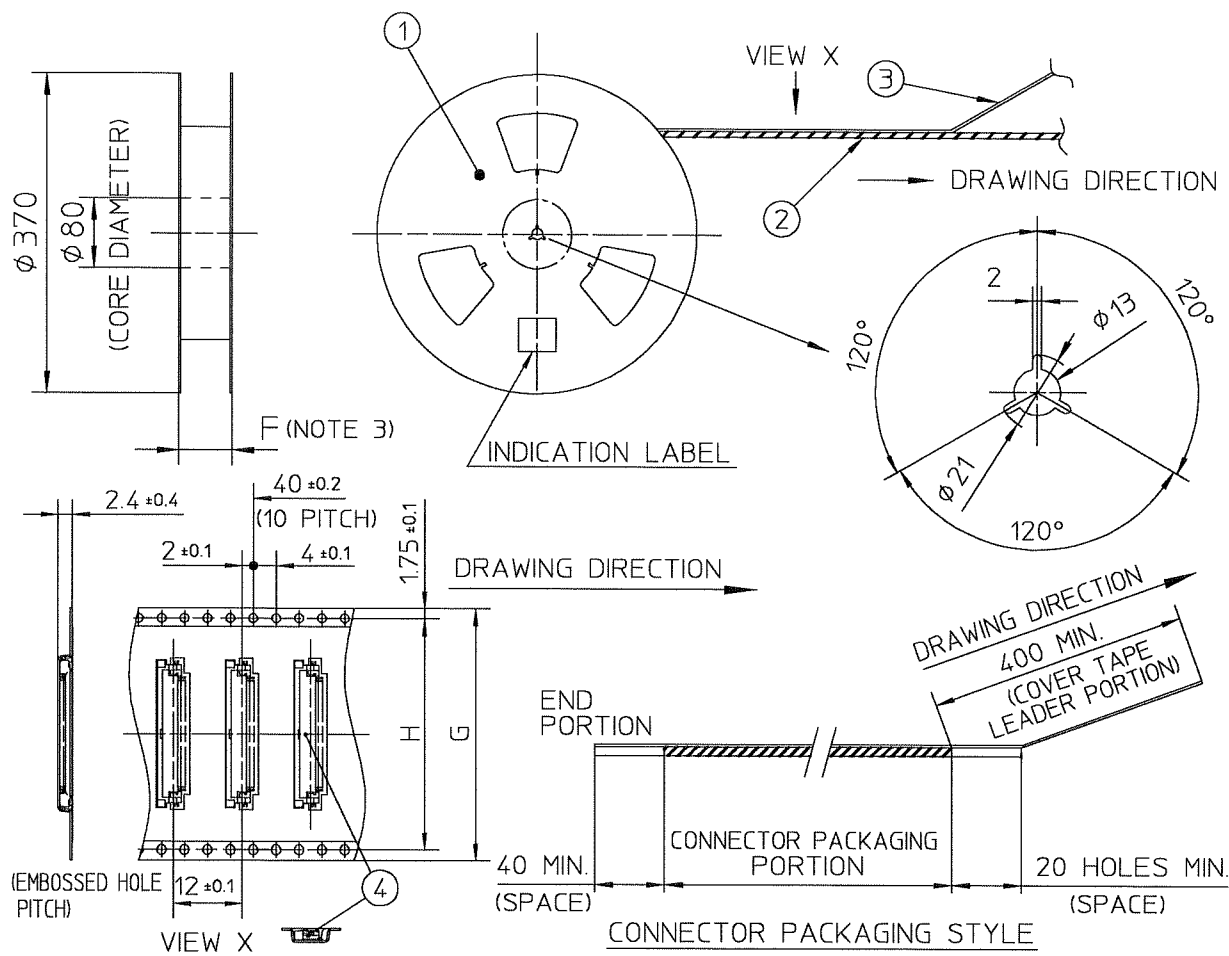
SFV (n) R - 3 ST E1 LF
 SERIES NAME
 NO. OF CONTACTS
 RIGHT ANGLE TYPE
 FOR FPC,
 WITH CABLE LOCK MECHANISM
 CONTACT DIRECTION
 3: LOWER CONTACT TYPE
 4: UPPER CONTACT TYPE
 FOR AUTOMATIC MOUNTING (SMT)
 PACKAGE STYLE
 LEAD FREE

NOTES

- THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND CYPES WITH AUTOMATIC MOUNTING (SMT).
- THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED
- SEE PART DRAWINGS FOR DIMENSIONS F-H.
- THIS PRODUCT IS THE CONNECTOR WITH CABLE LOCK MECHANISM.

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					
B	J05-0227	H.T	'05/4/14			0.5 mm CONTACT SPACING CONNECTOR					
C	J06-0372	H.T	'06/9/7					scale $\times$	(Cat. No. : SFV__R-3/4STE1LF)		
				dr	9/7/06			dwg no		sheet 1 of 1	size
				enr	9/7/06			JSA 96154		A4	
				chr	9/8/06						
				appd	9/11/06						
sheet index		revision	C					type Product Customer Drawing		Rev.	C

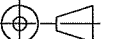
SC-SFV04 JSA96151
form: A4



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

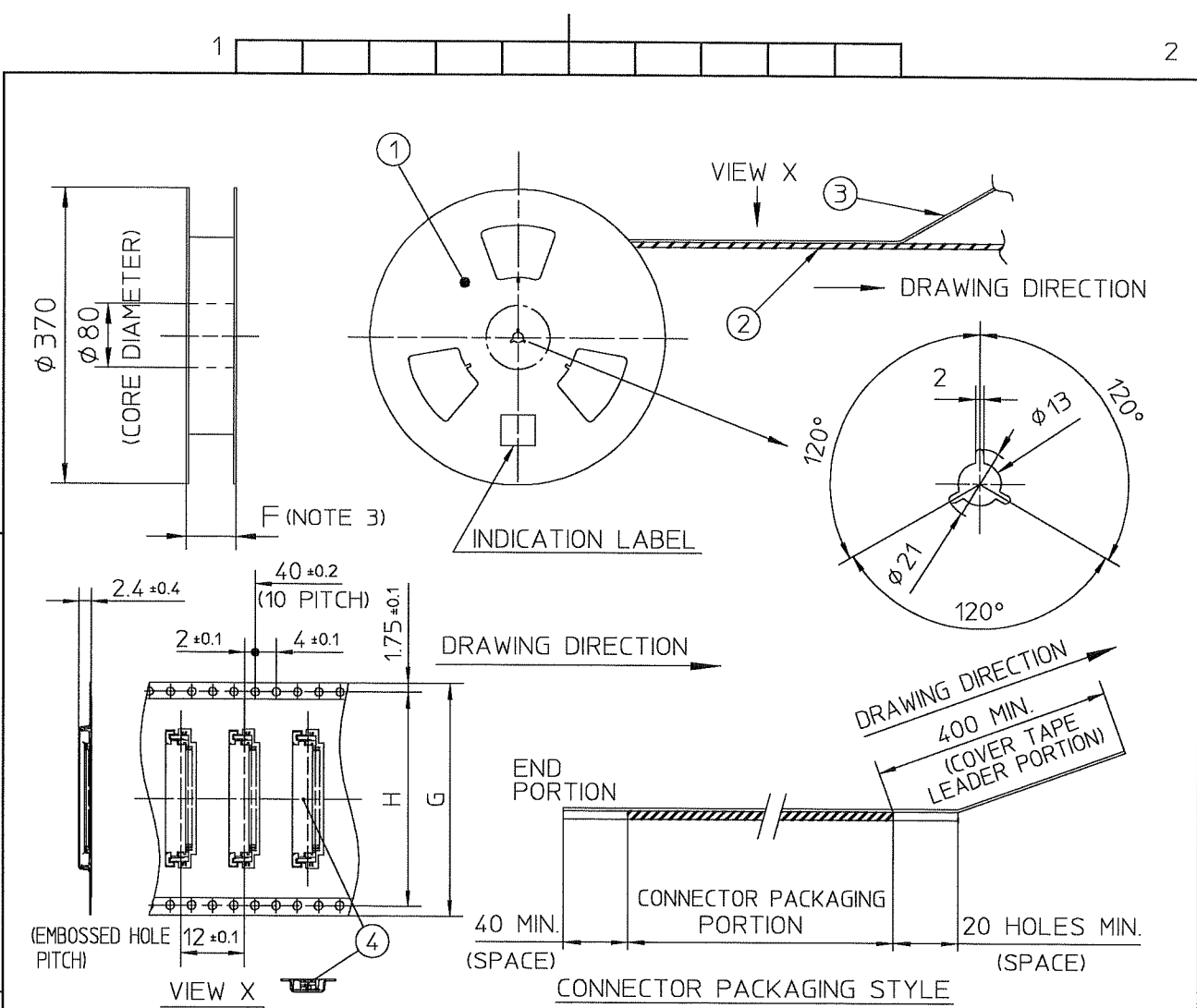
- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC AND CYPES WITH AUTOMATIC MOUNTING (SMT).
- SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
- F DIMENSION IS PORTION OF THE CORE.

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family 58EF										
ltr	ecn no	dr	date	tolerances unless otherwise specified							title PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-3STE1LF)									
A	J04-0462	H.T	'04/12/17	angles	linear	±5														
B	J05-0227	H.T	'05/4/14																	
C	J06-0372	H.T	'06/9/17			±5°														
				dr			9/7/06			dwg no					sheet 1 of 1			size		
				enr			9/7/06			JSA 96155					A4					
				chr			9/8/06													
				appd			9/11/06													
sheet index	revision sheet	C	1															Rev. C		

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form: A4

1

2



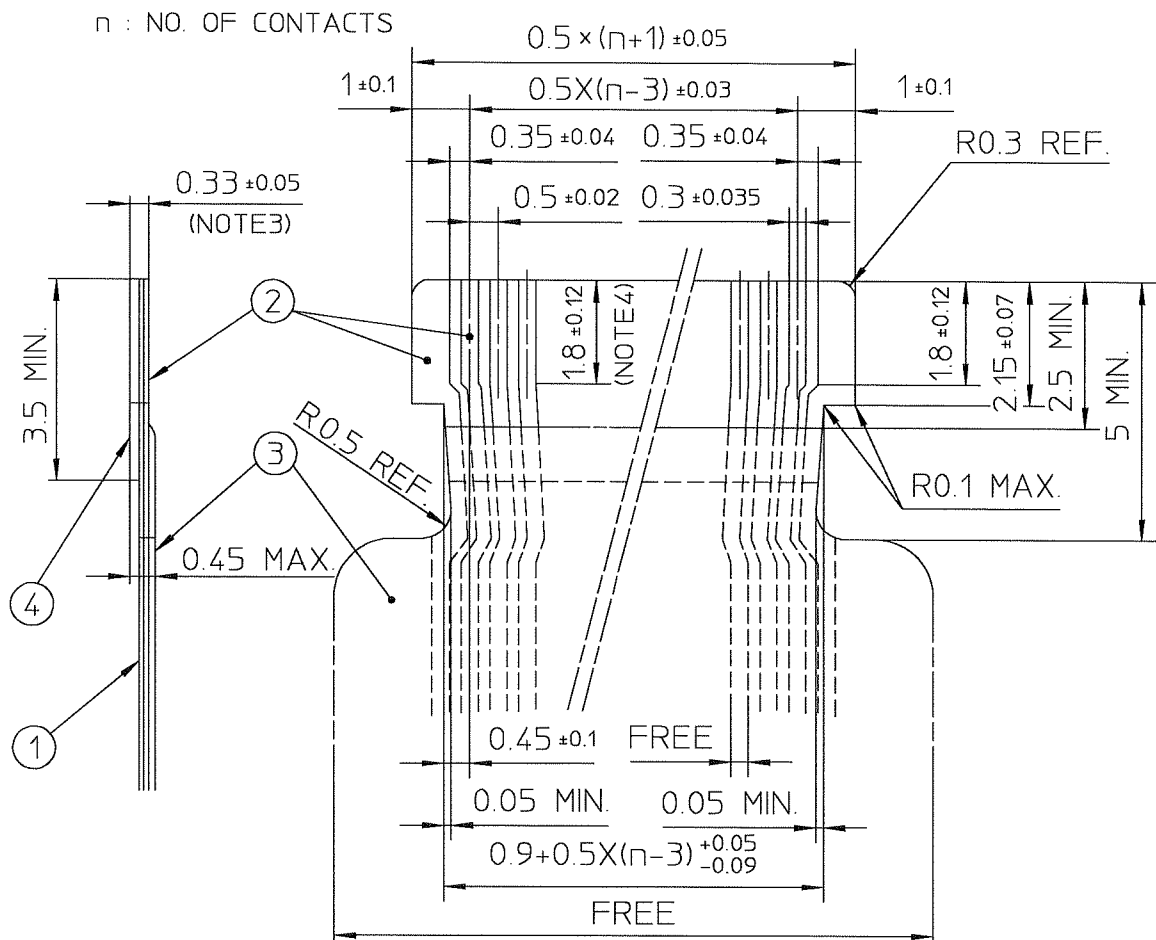
PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	—	CARDBOARD	1	COLOR : WHITE
2	PLASTIC (EMBOSS) TAPE	—	A-PET	—	COLOR : TRANSPARENCY
3	COVER	—	POLYESTER	—	COLOR : TRANSPARENCY
4	CONNECTOR	SFV__R-4ST__LF	SEE ATTACHED DWG.	3000	UPPER CONTACT TYPE WITH CABLE LOCK MECHANISM

- 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.

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family 58EF			
litr ecn no dr date				tolerances unless otherwise specified		angles linear		scale X		title			
A J04-0462 H.T '04/12/17				±5		±5°		X		PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-4STE1LF)			
B J05-0227 H.T '05/4/14										dwg no sheet 1 of 1 size			
C J06-0372 H.T '06/9/17										JSA 96156 A4			
				dr		9/7/06		FCI		type Product Customer Drawing			
				engr		9/7/06							
				chr		9/8/06							
				appd		9/11/06							
sheet index		revision sheet		C 1								Rev. C	

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

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family 58EF			
litr ecn no dr date				tolerances unless otherwise specified				title					
AA J03-0196 H.T '03/5/1								RECOMMENDED CABLE					
AB J06-0372 H.T '06/9/7				angles linear				(Cat. No. : SFV__R-3/4ST__)					
				dr		9/7/06		scale X		dwg no sheet 1 of 1 size			
				engr		9/7/06		FCJ		JSA 92606 A4			
				chr		9/8/06				type Product Customer Drawing			
				appd		9/10/06							
sheet index		revision sheet		AB 1								Rev. AB	

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form: A4