



FCIconnect.com

Copyright FCI

1

2

List of "SFV__R-3/4STE1" customer document

DOCUMENT NO.	LIST
SC-SFV02	SPEC.
JSA92600	CAT.NO.TABLE FOR 0.5mm CONTACT SPACING CONNECTOR (SFV__R-3/4ST_)
JSA92601	CONNECTOR USED FOR FPC WITH 0.5mm CONTACT SPACING (SFV__R-3ST_)
JSA92602	CONNECTOR USED FOR FPC WITH 0.5mm CONTACT SPACING (SFV__R-4ST_)
JSA92603	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-3/4STE1)
JSA92604	PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-3STE1)
JSA92605	PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-4STE1)
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			
A		J03-0196		H.T		'03/5/1		angles linear				scale χ		0.5mm SPACING FPC CONNECTOR DOCUMENT LIST (Cat. No. : SFV__R-3/4STE1)	
B		J06-0372		H.T		'06/9/7									
												dwg no		sheet 1 of 1	size
												JSA 95809		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	SFV 4R-3/4ST__	7.5	5.9	1.5	1.6
5	SFV 5R-3/4ST__	8.0	6.4	2.0	2.1
6	SFV 6R-3/4ST__	8.5	6.9	2.5	2.6
7	SFV 7R-3/4ST__	9.0	7.4	3.0	3.1
8	SFV 8R-3/4ST__	9.5	7.9	3.5	3.6
9	SFV 9R-3/4ST__	10.0	8.4	4.0	4.1
10	SFV10R-3/4ST__	10.5	8.9	4.5	4.6
11	SFV11R-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__	13.5	11.9	7.5	7.6
17	SFV17R-3/4ST__	14.0	12.4	8.0	8.1
18	SFV18R-3/4ST__	14.5	12.9	8.5	8.6
19	SFV19R-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)

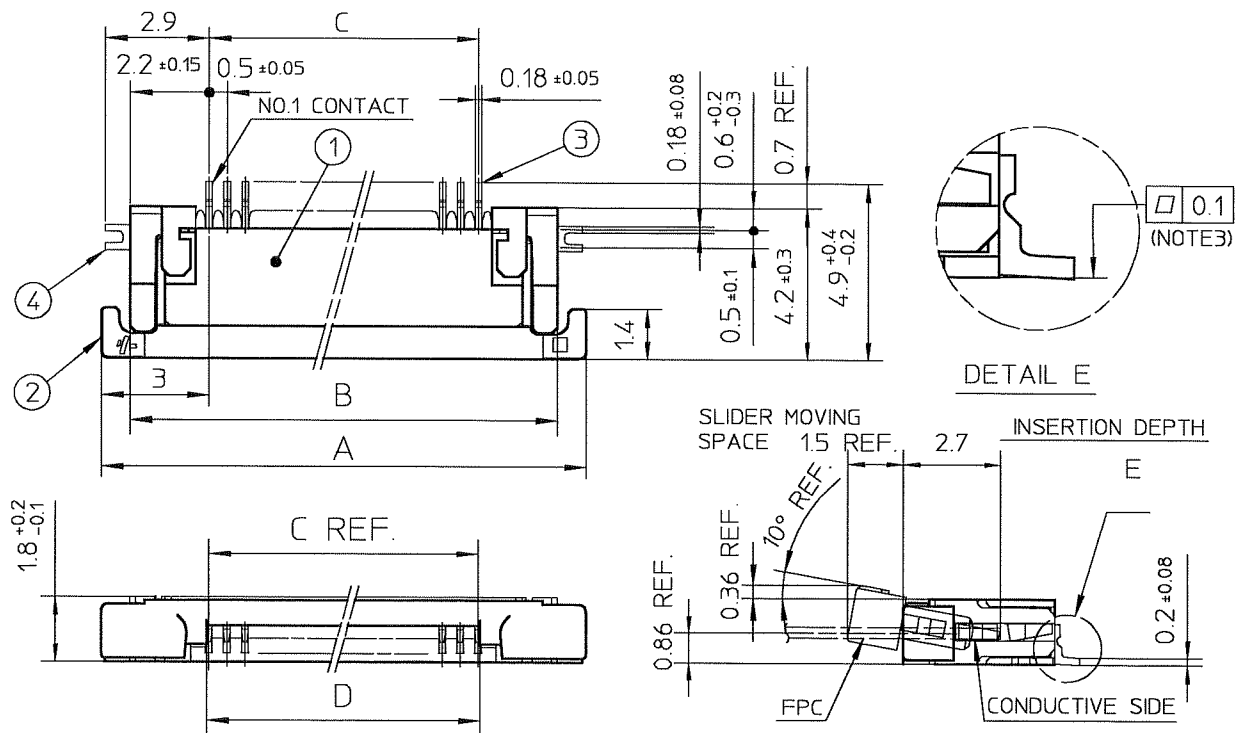
PACKAGE STYLE

NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPS 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		
1	---	M.H	'95/1/18	angles							CAT. NO. TABLE FOR 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-3/4ST__)		
2	---	M.I	'97/1/15	linear									
3	J00182	M.Y	'00/4/24							scale	X		
AA	J03-0196	H.T	'03/5/1	dr	9/17/06					dwg no		sheet 1 of 1	size
AB	J06-0372	H.T	'06/9/7	engr	9/17/06					JSA 92600		A4	
				chr	9/18/06								
				appd	9/18/06								
sheet index		revision	AB	type Product Customer Drawing									
sheet		1	Rev. AB										

SC-SFV02 JSA92601, 92602, 92603, 92604, 92605, 92606
form: A4

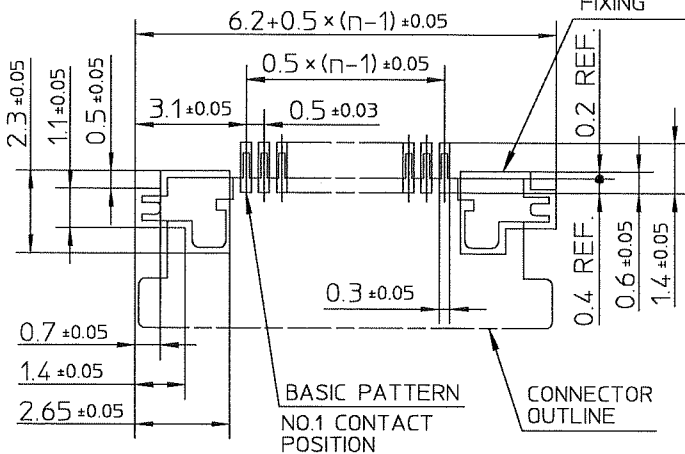


PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : TIN ALLOY
4	MOUNTING PLATE		2	

RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)

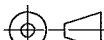
PATTERN FOR MOUNTING PLATE FIXING

n : NO. OF CONTACTS

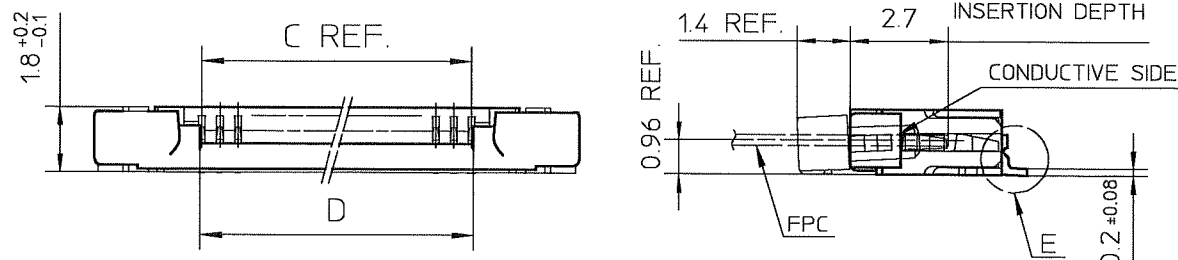
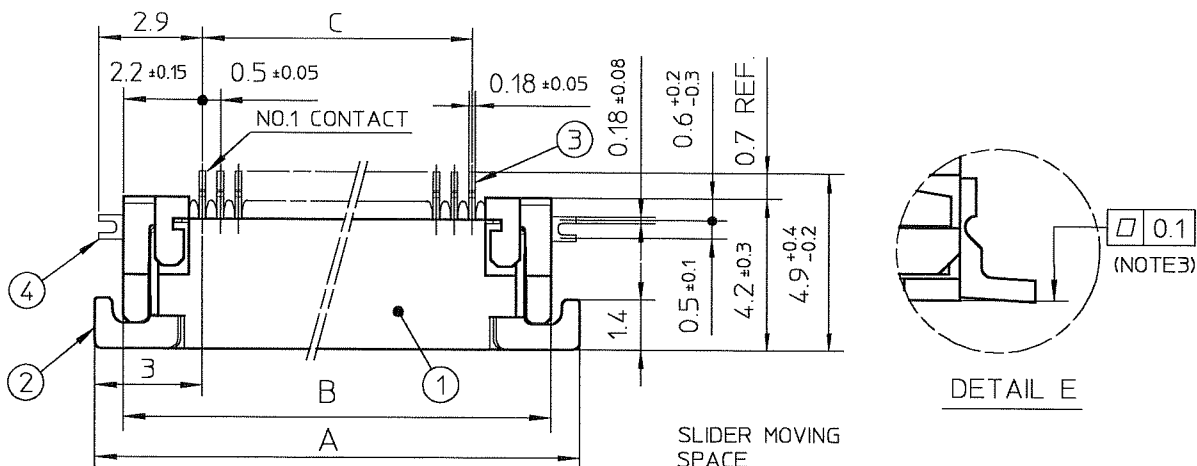


NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC 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.

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__)											
1		—		M.H		'94/12/8		angles		linear		±0.2												 scale X	
2		—		M.H		'95/11/10																			
3		J00182		M.Y		'00/4/24																			
AA		J03-0196		H.T		'03/5/1		dr				9/7/66				dwg no				sheet 1 of 1					
AB		J06-0064		H.T		'06/2/23		engr				9/7/66				JSA 92601				A4					
AC		J06-0372		H.T		'06/9/17		chr				9/8/66													
								appd				9/4/66								type Product Customer Drawing					
sheet index		revision		AC																		Rev. AC			

SC-SFV02
form: A4

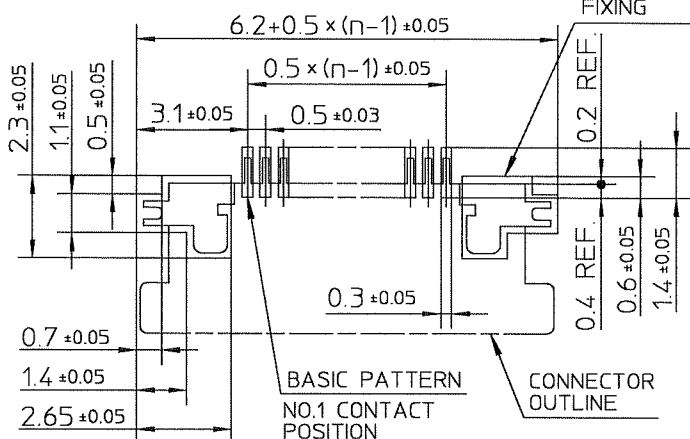


PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)	1	COLOR:BLACK
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR:BLACK
3	CONTACT	PHOSPHOR BRONZE	n	PLATING:TIN ALLOY
4	MOUNTING PLATE		2	

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 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.

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__)				
1		M.H	'94/12/8	angles										
2		M.H	'95/11/10	linear										
3	J00182	M.Y	'00/4/24					scale						
AA	J03-0196	H.T	'03/5/1	dr	9/12/06						dwg no JSA 92602		sheet 1 of 1 size A4	
AB	J06-0064	H.T	'06/2/23	engr	9/17/06									
AC	J06-0372	H.T	'06/9/17	chr	9/8/06									
				appd	9/6/06				type Product Customer Drawing					
sheet index		revision sheet	AC 1											Rev. AC

SC-SFV02 JSA92600
form: A4

CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE3)		
		F ± 5	G ± 0.3	H ± 0.1
4	SFV 4R-3/4STE1	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

- THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPEL 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			
1	—	M.H	'95/1/18	angles linear						CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-3/4STE1)			
2	—	M.I	'97/11/5										
3	J00182	M.Y	'00/4/24							scale $\propto$			
AA	J03-0196	H.T	'03/5/1	dr	9/7/06					dwg no sheet 1 of 1 size			
AB	J06-0372	H.T	'06/9/7	engr	9/7/06								
				chr	9/8/06					JSA 92603 A4			
				appd	9/8/06								
sheet index				revision sheet	AB					type Product Customer Drawing			
				1					Rev. AB				

SC-SFV02 JSA92600
form: A4

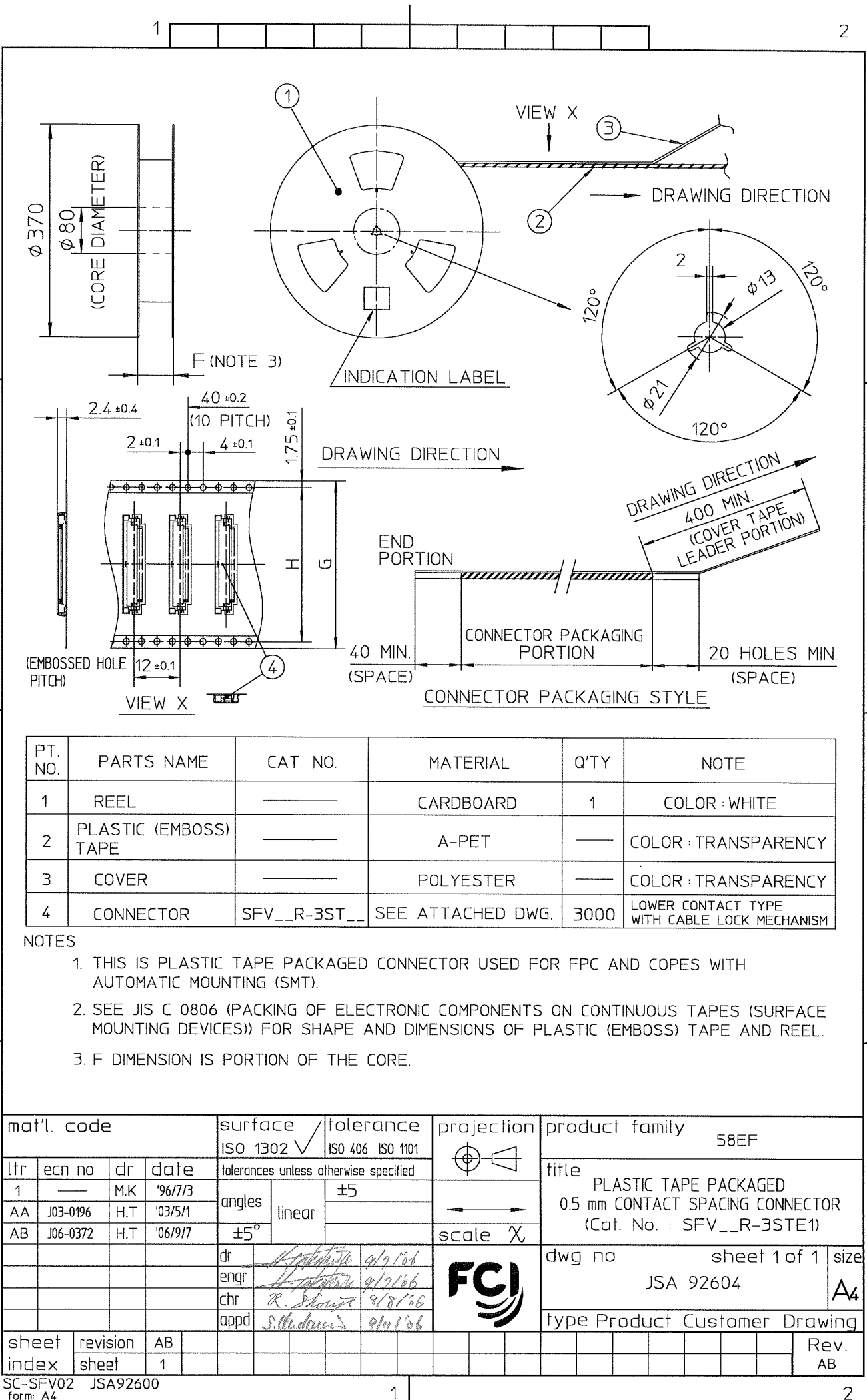
1

2



FCIconnect.com

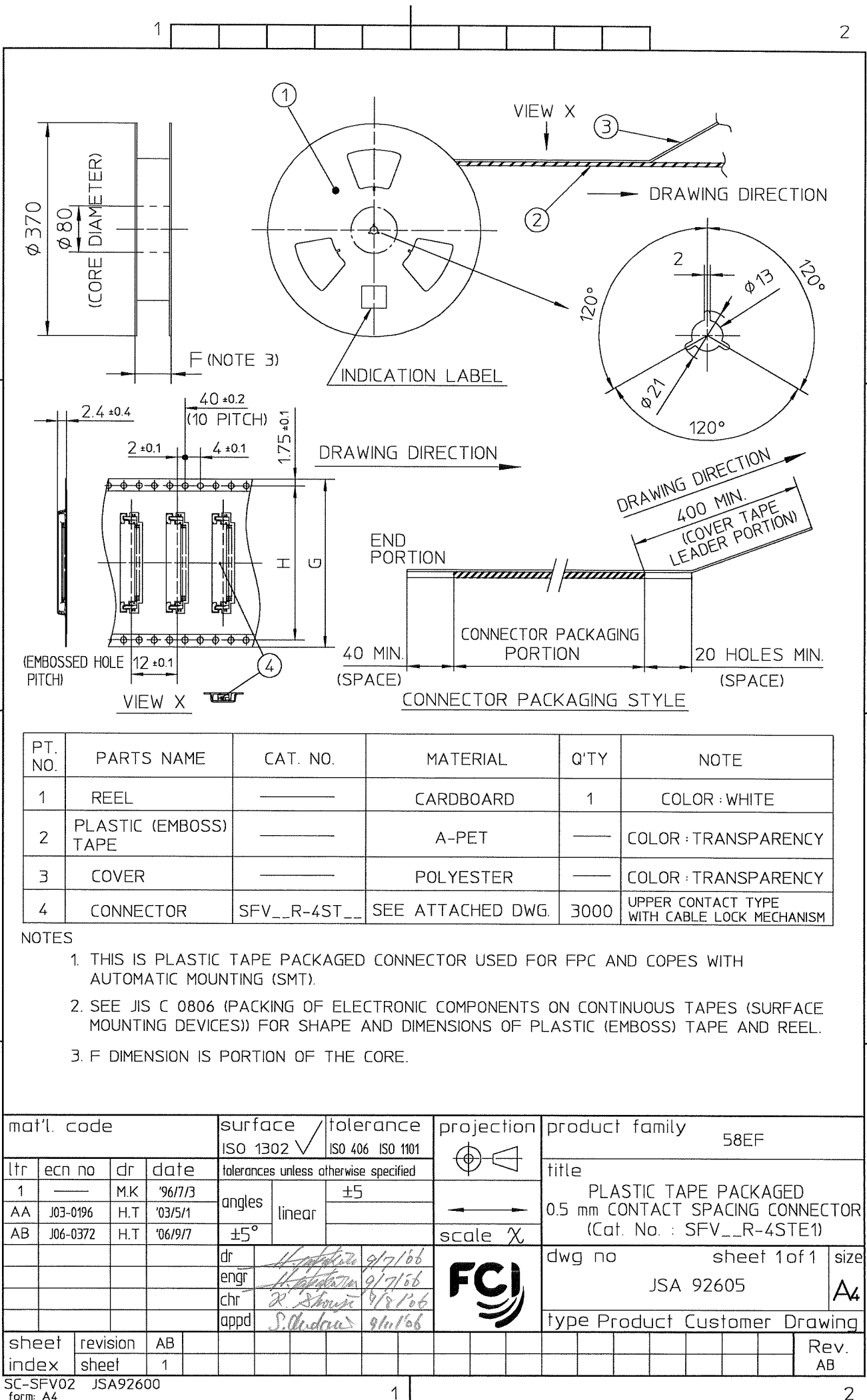
Copyright FCI



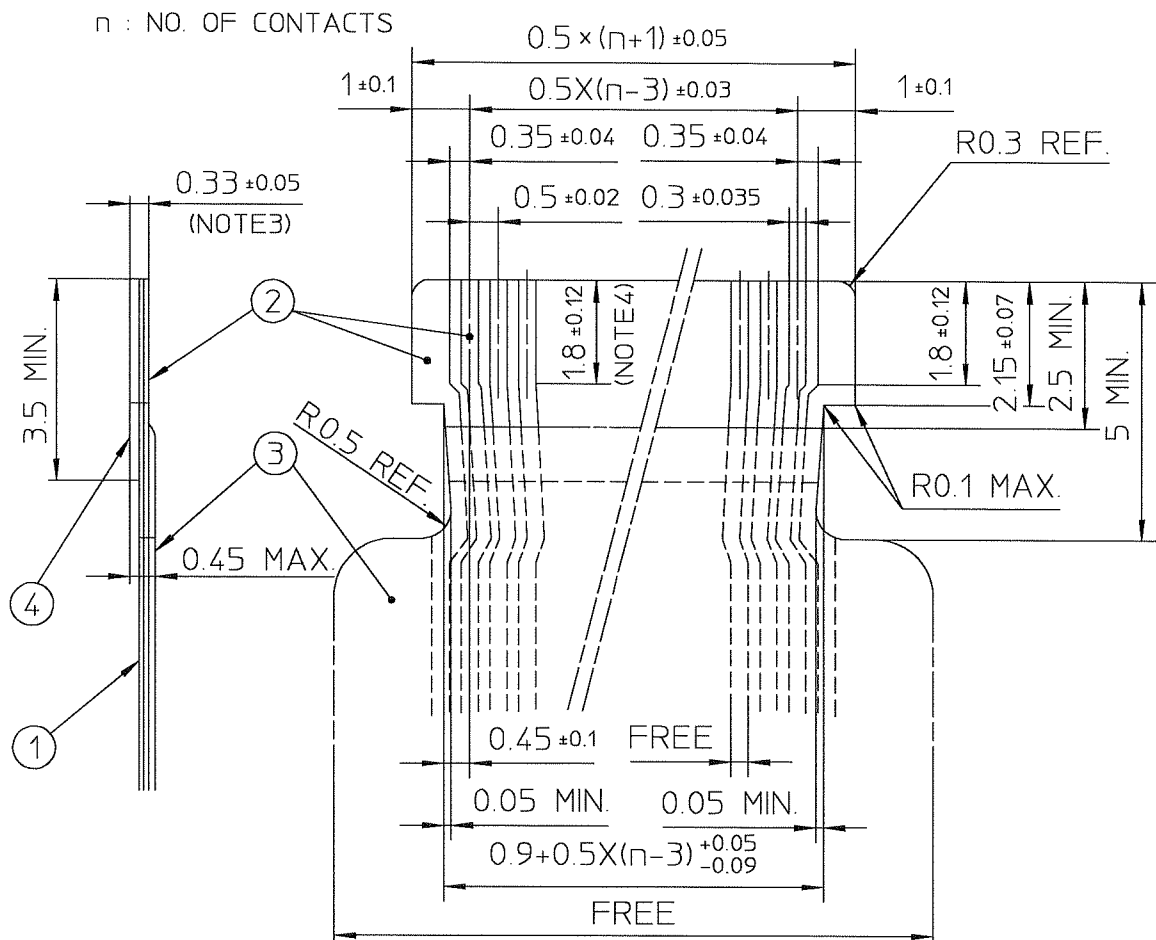


FCIconnect.com

Copyright 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.

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-3/4ST__)		
AA	J03-0196	H.T	'03/5/1	angles		linear		scale X						
AB	J06-0372	H.T	'06/9/7							dwg no JSA 92606 sheet 1 of 1 size A4 type Product Customer Drawing				
sheet index	revision sheet	AB	1											Rev. AB

SC-SFV02 JSA92600
form: A4